

Jordan, Sherry

From: Griggs, Bryant <Bryant.Griggs@arcadis.com>
Sent: Tuesday, June 25, 2024 5:59 PM
To: LeakingUST; Willis, Morgan I
Cc: rrezvani@ups.com; mwsullivan@ups.com; cvise@ups.com; Susin, Erin; Vasas, Stephen; Johnston, Matthew; Griggs, Bryant
Subject: ISC Alternative Report-Response to IDEM Letter_FID 1697_INC 202404515_20240625
Attachments: ISC Alternative Report- Response to IDEM Letter_FID1697_INC_202404515_20240625.pdf

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****



Please find the attached response to IDEM ISC Letter dated April 26, 2024 for FID #1697/ INC #202404515.

Thanks,
Bryant

Bryant Griggs | bryant.griggs@arcadis.com
Project Scientist-Geology
Arcadis U.S., Inc.
55 Monument Circle, Suite 300B | Indianapolis, IN | 46204 | USA
T +1 317 236 2818/ M +1 317 557 9115
www.arcadis.com

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Morgan Willis
Project Manager
Petroleum Remediation Section
Indiana Department of Environmental Management
100 North Senate Avenue
Indianapolis, Indiana 46204

Arcadis U.S., Inc.
55 Monument Circle
Suite 300B
Indianapolis
Indiana 46204
Phone: 317 231 6500
Fax:
www.arcadis.com

Date: June 25, 2024

Our Ref: 30217526

Subject: ISC Alternative Report - Response to IDEM Request for Initial Site Characterization Request Letter dated April 26, 2024, and Request for Deactivation/No Further Action for United Parcel Service Terre Haute Facility located at 5596 East Margaret Drive, Terre Haute, Indiana FID #1697; Incident #202404515

Dear Morgan Willis,

On behalf of United Parcel Service (UPS), Arcadis U.S., Inc (Arcadis) has prepared this Initial Site Characterization (ISC) Alternative Report in response to Indiana Department of Environmental Management (IDEM) Petroleum Remediation Section-Petroleum Branch (PRS-PB) correspondence dated April 26, 2024 (**Attachment 1**) for the UPS Terre Haute Facility located at 5596 East Margaret Drive, Terre Haute, Vigo County, Indiana (Site). The location of the Site is presented on **Figure 1** and **Figure 2** of the attached IDEM Underground Storage Tanks (UST) Systems Closure Report [State Form 56551 (R4/5-23) (**Attachment 2**)]. Associated figures, tables and attachments are also included in **Attachment 2**. The closed UST system documented in the attached UST Systems Closure Report consisted of one 12,000-gallon diesel UST, one 12,000-gallon gasoline UST oriented end-to-end in a common tank pit, with four adjacent product dispensers and associated product lines.

Site Setting & Background Summary

The Site operates as a UPS commercial package shipping business and is located east of the city limits of Terre Haute, Indiana. The Site is in an area of mixed use commercial, residential, agricultural and state highway. The properties immediately to the north, south, east and west are commercial including two retail petroleum sites (FID #17097 & FID #19474) south-southwest and southwest. The attached UST Systems Closure Report includes a discussion of surrounding properties, surface water bodies, proximal registered wells, and sensitive communities. These features are displayed on **Figure 4** in the attached UST Systems Closure Report. Indiana Department of Natural Resources (IDNR) water well records from wells installed immediately proximal to the Site are included as **Attachment 6** in the attached UST Systems Closure Report.

June 25, 2024

Release Reporting, UST Closure Sampling Observations and Results Summary

A confirmed release was reported to IDEM on April 25, 2024, based on laboratory analytical detections of a limited number of constituents of concern (COCs) at concentrations above laboratory limits in soil and water samples collected from the UST pit. The samples were analyzed for Volatile Organic Compounds (VOCs) via United States Environmental Protection Agency (USEPA) 846 Method 8260, Polynuclear Aromatic Hydrocarbons (PAHs) via USEPA 846 Method 8270 Selective Ion Monitoring (SIM), Metals (Lead Only) via USEPA 846 Method 6010, and Lead Scavengers via USEPA 846 Method 8011 in accordance with the *IDEM Remediation Closure Guide (RCG) 2 Tables 2A: Chemicals Often Associated with Various Facilities and Releases – Gasoline and Diesel Range Products*. The results of the detected constituents were screened against the *IDEM 2024 RCG 2, IDEM Published Levels Table 1 Human Health: Standard Exposure Scenarios table (IDEM Table)*.

UST Closure Activities Results and Evaluation

Upon start of concrete surface removal, the UST removal contractor observed significant water accumulated in the UST pit. It was also observed by the contractor that the subsurface portion of a vent line had become potentially compromised during the concrete removal, leading to the mobilization of a vacuum truck and a portable frac tank (20,000-21,000-gallon capacity) to pump down water in the UST pit and as-needed throughout the removal of the diesel and gasoline USTs. As documented in the attached UST Systems Closure Report waste disposal documentation, approximately 42,000 gallons of water was recovered from the UST pit during the removal/closure activities and temporarily placed into onsite frac tanks for later disposal. The recovered water stored in the frac tanks was transported for disposal Valicor Environmental Services, a licensed receiving facility, in Middletown, Ohio for appropriate disposal. Waste disposal documentation is included in the attached UST Systems Closure Report (**Attachment 4**).

Prior to ending UST pit dewatering, a grab water sample was collected to characterize water being recovered into the frac tanks for disposal. The sample (WC-Tank Pit (041724)) was submitted for laboratory analysis of VOCs, PAHs, Total Lead, and Lead Scavengers. Concentrations of VOCs (Benzene, Ethylbenzene, Toluene), PAHs (1-Methynaphthalene) and Total Lead were detected greater than the laboratory reporting limits. Only Benzene (82.2 micrograms per kilogram [$\mu\text{g/L}$]) exceeded the most conservative screening level of 5 $\mu\text{g/L}$ summarized in the *IDEM Table*.

A confirmation grab water sample was collected from the minimal water remaining in the former UST pit following the completion of tank pit dewatering. The sample (TANK PIT WATER (041724)) was submitted for laboratory analysis of VOCs, PAHs, Total Lead, and Lead Scavengers. Concentrations of VOCs (1,2,4-Trimethylbenzene, Benzene, Ethylbenzene, Toluene, Total Xylenes), PAHs (1-Methynaphthalene, 2-methynaphthalene, Naphthalene) and Total Lead were detected greater than the laboratory reporting limits. Only Benzene and Naphthalene (33.2 $\mu\text{g/L}$ and 3.2 $\mu\text{g/L}$, respectively) exceeded the most conservative screening levels (5 $\mu\text{g/L}$ and 1 $\mu\text{g/L}$, respectively) as summarized in the *IDEM Table*. The other constituent detections did not exceed the most conservative screening levels from the *IDEM Table*.

The water sample results and laboratory analytical are included in the attached UST Systems Closure Report (**Table 2, Figure 3 and Attachment 2**, respectively).

A total of 16 UST pit confirmation sample locations and four dispenser and product line sample locations were selected in accordance with IDEM UST closure guidelines and included sidewalls, the mid-point of the UST pit,

June 25, 2024

bottom of the UST pit, and below product lines and dispensers. Due to the short distance between the UST pit and product dispenser locations, a sample location at each dispenser was also representative for product lines. No sidewall confirmation sample was collected from the southern sidewall, due to safety and surface stability concerns. Attempts to access the native soils sidewall beyond the pea gravel were discontinued due to collapse of a large area of pea gravel undermining a large section of concrete surface slab.

The confirmation samples collected were submitted for analysis of VOCs via USEPA 846 Method 8260, PAHs via USEPA 846 Method 8270 SIM, and Total Lead via USEPA 846 Method 6010. VOCs (sec-Butylbenzene), PAHs (Acenaphthene, Fluorene, Naphthalene, Phenanthrene) and Total Lead were detected greater than laboratory reporting limits. No constituent detections exceeded their respective, most conservative screening level summarized in the *IDEM Table*. The confirmation soil sample results, and laboratory data are included in the attached UST Systems Closure Report (**Table 3, Figure 3, and Attachment 2**).

A portion of pea gravel (approximately 80-100 cubic yards) covering/surrounding the UST system was removed and temporarily stockpiled next to the UST cavity during removal of the USTs and associated components. The stockpiled pea gravel was field screened with a photoionization detector (PID) to evaluate for reuse as backfill. The PID field screening results did not exhibit detections greater than instrument interference/background (results ranged from 0 to 0.1 parts per million [PPM] and one detection of 3.4 ppm) and are summarized in the attached UST Systems Closure Report (**Table 1**). The stockpile pea gravel was reused as backfill based on the results of PID field screening evaluation.

Groundwater Results and Summary

A single soil boring (B-1) was advanced via direct push method to a depth of approximately 20 feet (ft) below ground surface (bgs) just beyond the east side of the former UST pit, south of the dispenser area. The native soil consisted of silty clay, underlain by sandy clay, underlain by a course to fine grained sand that was saturated from 15 ft to 17 ft bgs. A temporary one-inch diameter well was installed in the open boring to a depth of 20 ft bgs and screened from 10 ft to 20 ft bgs. The temporary well yielded a significant volume of groundwater from which a sample was collected using a check valve with dedicated tubing.

The sample (B-1(GW)) was submitted for laboratory analysis of VOCs via USEPA 846 Method 8260, PAHs via USEPA 846 Method 8270 SIM, Total Lead via USEPA 846 Method 6010, Dissolved Lead (laboratory filtered & preserved) via USEPA 846 Method 6010, and Lead Scavengers via USEPA 846 Method 8011. VOCs, PAHs and Lead Scavengers were not detected above laboratory reporting limits. Total Lead (610 µg/L) exceeded the most conservative screening level (15 µg/L), summarized in the *IDEM Table*. Due to the anticipated high turbidity typical of a borehole water sample, a sample was collected, laboratory filtered and preserved, and analyzed for Dissolved Lead. Dissolved Lead was not detected above the laboratory reporting limit. The groundwater sample results and laboratory analytical is included in the attached UST Systems Closure Report (**Table 2, Figure 3 and Attachment 2**).

Soils were continuously logged, field screened with a PID, and additional confirmation soil samples were collected for laboratory analysis from two discrete intervals (3-4 ft bgs and 12.5-15 ft bgs). The soil boring log is included as **Attachment 3** in the attached UST Systems Closure Report. The soil samples collected were submitted for analysis of VOCs via USEPA 846 Method 8260, PAHs via USEPA 846 Method 8270 SIM, and Total Lead via USEPA 846 Method 6010. The samples had no detections above laboratory limits for VOCs or PAHs. Total Lead (16.1 milligrams per kilogram [mg/kg]) above the laboratory detection limit; however, the concentration was significantly lower than the most conservative screening level summarized in the *IDEM Table*. Soil boring sample

June 25, 2024

results and laboratory data are included in the attached UST Systems Closure Report (**Table 3, Figure 3, and Attachment 2**).

Additional Water Recovery Summary

Due to unforeseen delays, the former UST pit resurfacing was not completed until late May/early June 2024. The former UST pit had accumulated water from surrounding concrete surface runoff during rain events and had to be pumped down to ensure the additional imported stone backfill could be placed and compacted prior to resurfacing with concrete. Due to the expansive footprint of the former UST pit, a significant amount of water had accumulated. As a conservative approach, the recovered water was treated as “contact water” managed and disposed in the same manner as the water recovered during UST closure activities and therefore, no additional water samples necessary. Approximately 15,000 gallons of “contact water” was recovered, temporarily stored in onsite frac tanks, then transported to Valicor Environmental Services in Middletown, Ohio for disposal. Waste disposal documents for this water are included as **Attachment 3** of this report.

Existing Environmental Restrictive Covenant

The UPS property had an existing Environmental Restrictive Covenant (ERC) previously approved by IDEM and recorded on the property deed on November 2, 2012, which is included in the attached UST Systems Closure Report (**Attachment 7**). The ERC was required for closure of Incident #199006552 due to exceedance of IDEM Risk Integrated System of Closure program for Arsenic in soils and Arsenic and Lead in groundwater.

Restrictions. The owner:

- a) Shall not use or allow the use of Real Estate for residential purposes, including, but not limited to, daily childcare facilities for children (e.g., daycare centers or K-12 schools).
- b) Shall not use or allow the use or extraction of groundwater at the real estate for any purpose, including but not limited to: human or animal consumption, gardening, industrial processes, or agriculture, except that groundwater may be extracted in conjunction with environmental investigation and/or remediation activities.
- c) Shall not use the Real Estate for any agricultural use.
- d) Shall restore disturbed soil as a result of excavation and construction activities in such a manner that he remaining contaminant concentrations do not present a threat to human health or the environment. This determination shall be made using the Department’s Risk Integrated System of Closure (“RISC”) Technical Guidance Document. Upon the Department’s request, the owner shall provide the department written evidence (including sampling data) showing the excavated and restored area, and any other area affected by the excavation, does not represent a threat. Contaminated soils that are excavated must be managed in accordance with all federal and state laws; and disposal of such soils must also be done in accordance with all applicable federal and state laws.

Additional pertinent documents related to Incident #199006552 are located in the Virtual File Cabinet (VFC), including, but not limited to:

- VFC Doc #41414353 (12/31/2008) - Documents a Site investigation planning meeting with IDEM.
- VFC Doc #55771974 (5/26/2010) - A Limited Subsurface Investigation plan submitted to IDEM.
- VFC Doc #59409555 (11/12/2010) - Limited Subsurface Investigation Report submitted to IDEM.
- VFC Doc #64127396 (1/12/2012) - IDEM letter requesting submittal of a No Further Action Request.

Morgan Willis
IDEM Petroleum Remediation Section

June 25, 2024

- VFC Doc #66070507 (5/31/2012) - Formal Request for No Further Action submitted to IDEM.
- VFC Doc #67105467 (11/21/2012) - Site Closure Request including ERC recorded on property deed submitted to IDEM.
- VFC Doc #68972037 (3/4/2013) - IDEM letter Approving No Further Action, closing LUST Inc#199006552

Conclusions and Recommendations

The diesel and gasoline UST systems were permanently closed by removal and based on the findings discussed in the attached UST Systems Closure Report and summarized above, the pre-existing ERC restrictions on property use, activities associated with these UST closures are unlikely to pose any ongoing risk to human health and/or the environment. Based on the completed UST systems closure activities, associated sampling, and pre-existing ERC recorded on the property deed, Arcadis, on behalf of UPS is requesting IDEM grant Closure via No Further Action and/or permanent deactivation of Incident #202404515.

If you have additional questions, comments or would like to discuss in more detail please reach out to Stephen Vasas at (330) 464-7604.


Sincerely,
Arcadis U.S., Inc.



Stephen Vasas, LPG-IL
Principal Geologist



Matthew D. Johnston, LPG- IN #2259
Senior Geologist



Bryant Griggs
Project Scientist-Geology

Email: Stephen.vasas@arcadis.com

Direct Line: (330) 464-7604

CC. Isauro Ramirez (UPS) - isauoramirez@ups.com

Enclosures:

- Attachment 1 – IDEM ISC Request Letter
- Attachment 2 – Underground Storage Tanks System Closure Report
- Attachment 3 – Waste Disposal Documents for Additional Water Recovery

Attachment 1- ISC Report

**IDEM Initial Site Characterization Request letter dated
April 26, 2024**



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Eric J. Holcomb
Governor

Brian C. Rockensuess
Commissioner

April 26, 2024

VIA ELECTRONIC MAIL

Mr. Isauro Ramirez
United Parcel Service, Inc.
700 West 16th Street
Indianapolis, IN 46202
isauroramirez@ups.com

Re: **Initial Site Characterization Request**
UPS Terre Haute
5596 East Margaret Drive
Terre Haute, IN, 47803
Vigo County
Facility ID #1697
Incident #202404515

Dear Mr. Ramirez:

A release from an Underground Storage Tank (UST) at UPS Terre Haute located at 5596 East Margaret Drive in Terre Haute, Indiana was reported by Stephen Vasas, Arcadis on April 25, 2024. Your compliance must proceed in accordance with IC 13-23-13-1 and 40 CFR 280 Subpart F,¹.

Initial Site Characterization

The purpose of the ISC is to gather information regarding the release and surrounding area, including, but not limited to, evaluation of potential pathways for migration, and evaluation of receptors. Pursuant to IC 13-23-13-1, when necessary and feasible as determined by a qualified environmental professional (QEP) (as defined in IC 13-11-2-177.7), an ISC must include:

1. Site-specific geologic information obtained from a minimum of three (3) continuously sampled soil borings;
2. Hydrogeologic information, including depth to ground water and groundwater flow directions and gradients, obtained from a minimum of three (3) monitoring wells screened across the water table; and

¹ IDEM has incorporated the majority of the federal underground storage tank regulations of 40 Code Fed. Reg. (CFR) Part 280 via 329 Ind. Admin. Code 9-1-1. All CFR citations refer to the regulation as incorporated.



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We appreciate your input!



3. Other pertinent information as outlined in 40 CFR 280.63 and be consistent with the Risk-based Closure Guide (R2, Waste #0046-R2) and the Petroleum Remediation Program Guide (PRPG, Waste-0082). These non-rule policy documents are available at www.in.gov/idem/tanks/2329.htm.

The borings and wells should be installed in areas most likely to be contaminated.

Per IC 13-23-13-1, a QEP, on behalf of the owner or operator of an UST from which there has been a release of petroleum, may submit for approval by the commissioner an alternative procedure for ISC and request a waiver of the requirement. Proof of QEP credentials must be provided. For clarity and to ensure UST Owner engagement, the QEP should copy the UST Owner on any correspondence. The commissioner may approve the request for a waiver and alternative procedure only if the alternative procedure provides substantially equal protection for human health and the environment. Your QEP must submit the waiver request for an alternative procedure as soon as sufficient environmental data are obtained to make the determination that an alternative procedure meets the requirements of IC 13-23-13-1.

Pursuant to 40 CFR 280.63 you must assemble information about the site and nature of the release, including information gathered while confirming the release or completing the initial abatement measures in 40 CFR 280.60, 280.61 and 280.62. This information must include, but is not necessarily limited to the following:

1. Data on the nature and estimated quantity of the release;
2. Data from available sources and/or site investigations concerning the following factors: Surrounding populations, water quality, use and approximate locations of wells potentially affected by the release, subsurface soil conditions, locations of subsurface sewers, climatological conditions, land use;
3. Results of the site check required under 40 CFR 280.62(a)(5) (or 40 CFR 280.52 or 280.72, whichever is applicable); and
4. Results of free product investigations required under 40 CFR 280.62(a)(6), to be used by Owners and Operators to determine whether free product must be recovered under 40 CFR 280.64.

40 CFR 280.65 Investigations for soil and groundwater cleanup (Further Site Investigations)

If an ISC does not fully define the nature and extent of the contaminant plume, additional investigation shall be performed in accordance with 40 CFR 280.65 or when necessary and feasible as determined by a QEP. If this is the case for this particular release, a Further Site Investigation (FSI) Report will be required and the ISC Report must contain a work plan for the FSI. The work plan should detail additional activities that are proposed and should provide a schedule of the FSI activities.

In order to determine the full extent and location of soils contaminated by the release and the presence and concentrations of dissolved product contamination in the groundwater, owners and operators must conduct release investigations of the release,

the release site, and the surrounding area possibly affected by the release if any of the following conditions exist:

1. There is evidence that groundwater wells have been affected by the release (e.g., as found during release confirmation or previous corrective action measures);
2. Free product is found to need recovery in compliance with 40 CFR 280.64;
3. There is evidence that contaminated soils may be in contact with groundwater (e.g., as found during conduct of the initial response measures or investigations required under 40 CFR 280.60 through 280.64); and
4. The implementing agency requests an investigation, based on the potential effects of contaminated soil or groundwater on nearby surface water and groundwater resources.

Releases requiring an FSI to complete site characterization will be given a deadline 365 days from the date the release was discovered to determine the full nature and extent of soil and groundwater contamination and submit documentation to IDEM. If delineation requires more than one mobilization and sampling event, the owner or operator should continue with delineation until the delineation process is completed and then submit a comprehensive FSI Report within the 365-day deadline set by IDEM. Interim report and work plan submittal and IDEM review is not required. However, IDEM advises that you receive project manager approval for an FSI work plan (entailing a one page summary of proposed work and a site map with proposed sampling locations) to assist with showing reasonableness and cost effectiveness for the purposes of the Excess Liability Trust Fund (ELTF). The IDEM project manager assigned to your site will be available to provide informal guidance via telephone, email, or on-site support during the step out process.

Additional IDEM expectations

In order to facilitate complete site characterization within a year, IDEM requests that staff be notified of all investigative site work in a timely manner. Early staff involvement with the site investigation will assist in efforts to develop a complete conceptual site model within the year timeframe. Please inform the project manager via email or telephone (listed below) as field work dates for investigations are scheduled.

Conclusions

Within 60 days of the release confirmation an Initial Site Characterization (ISC) Report must be submitted to IDEM. **The due date for the ISC Report is June 24, 2024. No extensions will be granted.**

All ISC Reports must be submitted in the ISC Report Format and include an ISC Checklist and ISC Cover Sheet for IDEM to complete their review. IDEM's goal is to review all ISC reports within sixty days (60) days of receipt and return the evaluated checklist. All items marked as inadequate on the returned and signed ISC Checklist must be addressed in the timeframe required in IDEM correspondence.

IDEM requests Petroleum Remediation Section (PRS) correspondence, reports, and related documents under 15 MB be submitted electronically to: LeakingUST@IDEM.in.gov. Paper copies and CDs are no longer necessary as previously required in OLQ Document Submittal Guidelines. Please label the email and attached documents as directed below:

- Email Subject Line: REPORT NAME (ie. 1Q 2023 QMR, ISC, FSI, etc.)_FID (insert number)_LUST (insert number)_DATE (yyyymmdd)
- Document/File Name: REPORT NAME (ie. 1Q 2023 QMR, ISC, FSI, etc.)_FID (insert number)_LUST (insert number)_DATE (yyyymmdd)

For more information regarding, sampling and analysis requirements or technical information, visit the LUST Home page at www.in.gov/idem/tanks/2333.htm or contact the site project manager.

Failure to submit this information within the specified timeframe may result in a referral to IDEM Enforcement.

If you have any questions, please contact Morgan Willis at (317) 232-6695 or toll free from within Indiana at (800) 451-6027. She can also be reached at: miwillis@idem.IN.gov.

Sincerely,



Sherry Jordan
Release Coordinator
Petroleum Remediation Section
Petroleum Branch
Office of Land Quality

Ecopy: IDEM File
Vigo County Health Department
Stephen Vasas, Arcadis
Erin Susin, Arcadis
Bryant Griggs, Arcadis
C. Vise, UPS (cvise@ups.com)
M. Sullivan, UPS (mwsullivan@ups.com)
R. Rezvani, UPS (rezvani@ups.com)
S. Gulam, UPS (sgulam@ups.com)

Attachment 2- ISC Report

**UST System Closure Report (State form 56551 (R4/5-23)),
Tables, Figures and Attachments submitted to IDEM UST
Program on June 20, 2024**

**UNDERGROUND STORAGE TANK SYSTEMS****CLOSURE REPORT**

State Form 56554 (R4 / 5-23)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 PETROLEUM BRANCH

RETURN COMPLETED FORMS TO:

Indiana Department of Environmental Management
 USTRegistration@idem.in.gov

Facility ID Number: **1697**

The information requested is required by 329 IAC 9. This form should only be used for facilities previously registered with the IDEM Underground Storage Tank program.

A TYPE OF CLOSURE (Check all that apply)									
Tank(s)			Piping			Dispenser(s)			
<input checked="" type="checkbox"/> Removal	<input type="checkbox"/> In-Place		<input checked="" type="checkbox"/> Removal	<input type="checkbox"/> In-Place		<input checked="" type="checkbox"/> Removal			
<input type="checkbox"/> Change-In-Service			<input type="checkbox"/> Change-In-Service			<input type="checkbox"/> Replacement			
Number of tanks closed: 2			Number of lines closed: 2			Number of dispensers closed: 4			
B FACILITY NAME / LOCATION									
FACILITY NAME UPS Terre Haute Center					LATITUDE (37.710101 to 41.866773) 39.435814		LONGITUDE (-88.165351 to -84.671035) -87.332257		
FACILITY ADDRESS (number and street) 5596 E. Margaret Drive						PARCEL NUMBER(S) 84-07-32-300-013.000-009			
CITY Terre Haute			STATE IN	ZIP CODE 47803		COUNTY Vigo	TELEPHONE NUMBER (562) 202-2765		
C PREPARED BY									
PREFIX	FIRST NAME Stephen			MI	LAST NAME Vasas			SUFFIX	
ADDRESS 220 South Main Street, Suite 200				CITY Akron		STATE OH	ZIP CODE 44308		
TELEPHONE NUMBER (330) 464-7604			JOB TITLE Principal Geologist, PG-IL		EMAIL ADDRESS stephen.vasas@arcadis.com				
D UST OWNER									
TYPE OF OWNER									
<input type="checkbox"/> Federal Government	<input type="checkbox"/> State Government			<input type="checkbox"/> City / Local Government					
<input checked="" type="checkbox"/> Commercial	<input type="checkbox"/> Private			<input checked="" type="checkbox"/> Other: Trucking or Transport					
Option 1: UST OWNER NAME (Business Name as registered with the Secretary of State) United Parcel Service, Inc.						BUSINESS ID (From the Secretary of State) 194276-103			
Option 2: UST OWNER NAME (If a Public Agency or other entity)									
Option 3: UST OWNER NAME (If in Individual Capacity)									
PREFIX	FIRST NAME			MI	LAST NAME			SUFFIX	
UST OWNER ADDRESS (Listed in Options 1-3)									
PRINCIPAL OFFICE ADDRESS or PRIMARY RESIDENTIAL ADDRESS (Number and Street, no P.O. Box) 700 West 16th Street						ADDRESS (line 2)			
CITY Indianapolis			STATE IN	ZIP CODE 46202		EFFECTIVE DATE OF OWNERSHIP (MM/DD/YYYY) 01/01/2001			
TELEPHONE NUMBER (562) 202-2765			EMAIL ADDRESS (Option 3 Individual Capacity)			JOB TITLE (Option 3 Individual Capacity)			
CONTACT FOR BUSINESS / PUBLIC AGENCY (Listed in Option 1 or 2)									
PREFIX	FIRST NAME Isauro			MI	LAST NAME Ramirez			SUFFIX	
PRINCIPAL OFFICE ADDRESS or PRIMARY RESIDENTIAL ADDRESS (Number and Street, no P.O. Box) 700 West 16th Street						ADDRESS (line 2)			
CITY Indianapolis			STATE IN	ZIP CODE 46202		JOB TITLE Facility Engineer II			
TELEPHONE NUMBER (562) 202-2765			EMAIL ADDRESS isauroramirez@ups.com						

FACILITY ID NUMBER 1697		FACILITY NAME UPS Terre Haute Center			
E UST OPERATOR					
TYPE OF OPERATOR					
<input type="checkbox"/> Federal Government		<input type="checkbox"/> State Government		<input type="checkbox"/> City / Local Government	
<input checked="" type="checkbox"/> Commercial		<input type="checkbox"/> Private		<input checked="" type="checkbox"/> Other: Trucking or Transport	
Option 1: UST OPERATOR NAME (Business Name as registered with the Secretary of State) United Parcel Service, Inc.				BUSINESS ID (From the Secretary of State) 194276-013	
Option 2: UST OPERATOR NAME (If a Public Agency or other entity)					
Option 3: UST OPERATOR NAME (If in Individual Capacity)					
PREFIX	FIRST NAME	MI	LAST NAME		SUFFIX
UST OPERATOR ADDRESS (Listed in Options 1-3)					
PRINCIPAL OFFICE ADDRESS or PRIMARY RESIDENTIAL ADDRESS (Number and Street, no P.O. Box) 700 West 16th Street				ADDRESS (line 2)	
CITY Indianapolis		STATE IN	ZIP CODE 46202	DATE BEGAN OPERATING (MM/DD/YYYY) 01/01/1976	
TELEPHONE NUMBER (562) 202-2765		EMAIL ADDRESS (Option 3 Individual Capacity)		JOB TITLE (Option 3 Individual Capacity)	
CONTACT FOR BUSINESS / PUBLIC AGENCY (Listed in Option 1 or 2)					
PREFIX	FIRST NAME	MI	LAST NAME		SUFFIX
	Isauro		Ramirez		
PRINCIPAL OFFICE ADDRESS or PRIMARY RESIDENTIAL ADDRESS (Number and Street, no P.O. Box) 700 West 16th Street				ADDRESS (line 2)	
CITY Indianapolis		STATE IN	ZIP CODE 46202	JOB TITLE Facility Engineer II	
TELEPHONE NUMBER (562) 202-2765		EMAIL ADDRESS isauroramirez@ups.com			
F DEEDED PROPERTY OWNER					
TYPE OF OWNER					
<input type="checkbox"/> Federal Government		<input type="checkbox"/> State Government		<input type="checkbox"/> City / Local Government	
<input checked="" type="checkbox"/> Commercial		<input type="checkbox"/> Private		<input checked="" type="checkbox"/> Other: Trucking or Transport	
Option 1: PROPERTY OWNER NAME (Business Name as registered with the Secretary of State) United Parcel Service, Inc.				BUSINESS ID (From the Secretary of State) 194276-013	
Option 2: PROPERTY OWNER NAME (If a Public Agency or other entity)					
Option 3: PROPERTY OWNER NAME (If in Individual Capacity)					
PREFIX	FIRST NAME	MI	LAST NAME		SUFFIX
PROPERTY OWNER ADDRESS (Listed in Options 1-3)					
PRINCIPAL OFFICE ADDRESS or PRIMARY RESIDENTIAL ADDRESS (Number and Street, no P.O. Box) 700 West 16th Street				ADDRESS (line 2)	
CITY Indianapolis		STATE IN	ZIP CODE 46202	EFFECTIVE DATE OF OWNERSHIP (MM/DD/YYYY) 01/01/2001	
TELEPHONE NUMBER (562) 202-2765		EMAIL ADDRESS (Option 3 Individual Capacity)		JOB TITLE (Option 3 Individual Capacity)	
CONTACT FOR BUSINESS / PUBLIC AGENCY (Listed in Option 1 or 2)					
PREFIX	FIRST NAME	MI	LAST NAME		SUFFIX
	Isauro		Ramirez		
PRINCIPAL OFFICE ADDRESS or PRIMARY RESIDENTIAL ADDRESS (Number and Street, no P.O. Box) 700 West 16th Street				ADDRESS (line 2)	
CITY Indianapolis		STATE IN	ZIP CODE 46202	JOB TITLE Facility Engineer II	
TELEPHONE NUMBER (562) 202-2765		EMAIL ADDRESS isauroramirez@ups.com			

FACILITY ID NUMBER 1697		FACILITY NAME UPS Terre Haute Center			
G ACTIVE LAND CONTRACT PROPERTY OWNER (If applicable)					
TYPE OF OWNER					
<input type="checkbox"/> Federal Government		<input type="checkbox"/> State Government		<input type="checkbox"/> City / Local Government	
<input type="checkbox"/> Commercial		<input type="checkbox"/> Private		<input type="checkbox"/> Other:	
Option 1: PROPERTY OWNER NAME (Business Name as registered with the Secretary of State)				BUSINESS ID (From the Secretary of State)	
Option 2: PROPERTY OWNER NAME (If a Public Agency or other entity)					
Option 3: PROPERTY OWNER NAME (If in Individual Capacity)					
PREFIX	FIRST NAME	MI	LAST NAME		SUFFIX
PROPERTY OWNER ADDRESS (Listed in Options 1-3)					
PRINCIPAL OFFICE ADDRESS or PRIMARY RESIDENTIAL ADDRESS (Number and Street, no P.O. Box)				ADDRESS (line 2)	
CITY		STATE	ZIP CODE	EFFECTIVE DATE OF OWNERSHIP (MM/DD/YYYY)	
TELEPHONE NUMBER	JOB TITLE	EMAIL ADDRESS (Option 3 Individual Capacity)		PROPOSED END DATE (MM/DD/YYYY)	
CONTACT FOR BUSINESS / PUBLIC AGENCY (Listed in Option 1 or 2)					
PREFIX	FIRST NAME	MI	LAST NAME		SUFFIX
PRINCIPAL OFFICE ADDRESS or PRIMARY RESIDENTIAL ADDRESS (Number and Street, no P.O. Box)				ADDRESS (line 2)	
CITY		STATE	ZIP CODE	JOB TITLE	
TELEPHONE NUMBER		EMAIL ADDRESS			
H CONTRACTOR					
CONTRACTOR BUSINESS NAME (Business Name as registered with the Secretary of State)				BUSINESS ID (From the Secretary of State)	
Perdue Environmental Contracting Company, Inc.				611228813	
CERTIFIED INDIVIDUAL NAME					
PREFIX	FIRST NAME	MI	LAST NAME		SUFFIX
	William		Grimes		
PRINCIPAL OFFICE ADDRESS or PRIMARY RESIDENTIAL ADDRESS (Number and Street, no P.O. Box)				ADDRESS (line 2)	
250 Etr Drive					
CITY		STATE	ZIP CODE	IDHS CERTIFICATION NUMBER	
Nicholasville		KY	40356	UC113081	
TELEPHONE NUMBER		EMAIL ADDRESS			
(859) 621-4320		wgrimes@peccoinc.com			
I POTENTIALLY INTERESTED PARTIES					
INTERESTED PARTY NAME				E-MAIL ADDRESS	
Isauro Ramirez				isauroramirez@ups.com	
INTERESTED PARTY NAME				E-MAIL ADDRESS	
Stephen Vasas- Arcadis				stephen.vasas@arcadis.com	
INTERESTED PARTY NAME				E-MAIL ADDRESS	
Bryant Griggs- Arcadis				bryant.griggs@arcadis.com	
J LUST INCIDENT INFORMATION					
LUST INCIDENT NUMBER (IF APPLICABLE)				DATE INCIDENT REPORTED (mm/dd/yyyy)	
202404515				04/25/2024	
LUST INCIDENT NUMBER (IF APPLICABLE)				DATE INCIDENT REPORTED (mm/dd/yyyy)	
LUST INCIDENT NUMBER (IF APPLICABLE)				DATE INCIDENT REPORTED (mm/dd/yyyy)	

FACILITY ID NUMBER 1697	FACILITY NAME UPS Terre Haute Center
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K	UST INFORMATION
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Number of regulated tanks onsite before closure: **2**

Were any additional USTs discovered during UST Closure? Yes No *If yes, how many?*

For all tanks that have been closed, list the requested info below and do not leave any space blank. Attach an additional sheet if needed.

UST Substance

GSL - Gasoline **DSL** - Diesel **DSB** - Diesel Containing >20% Biodiesel **VGL** - Virgin Oil **UOL** - Used Oil **KER** - Kerosene
E85 - E85 Gasoline Blend **E15** - E15 Gasoline Blend **RCF** - Racing Fuel (leaded) **AVG** - AV Gas (leaded) **MXT** - Mixture of Substances (List Substances) **OTH** - Other (specify)

UST Construction Material

STL - Steel **FRP** - Fiberglass **STC** - Steel Clad **STJ** - Steel Jacketed **DBW** - Double-walled **OTH** - Other

UST Closure Type

RMV - Removed **IPC** - In-Place Closure **CIS** - Change-in-Service

UST #	Compartment #	Capacity in Gallons	Substance <small>(Last used, past)</small>	Construction Material	Install Date <small>(mm/dd/yyyy)</small>	Date Last Used <small>(mm/dd/yyyy)</small>	Closure Date <small>(mm/dd/yyyy)</small>	Closure Type
5	1	12,000	GSL	FRP-DBW	04/27/1993	01/11/2023	04/17/2024	RMV
6	1	12,000	DSL	FRP-DBW	04/27/1993	01/11/2023	4/17/2024	RMV

Please justify In-Place Closure:
Tanks Removed.

FACILITY ID NUMBER 1697	FACILITY NAME UPS Terre Haute Center
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L	PIPING INFORMATION
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If more than one piping line is present, then all lines shall be numbered. For all product lines closed, list the piping number, piping length (in feet based upon field measurements between tanks and dispensers, as well as, between dispenser islands), identify the product distributed through each line, and identify piping material and type. List all Piping Materials that apply. All piping numbers should also be included on the Facility Site Map. Attach an additional sheet if necessary.

Piping Substance					
-------------------------	--	--	--	--	--

GSL - Gasoline	DSL - Diesel	DSB - Diesel Containing >20% Biodiesel	VGL - Virgin Oil	UOL - Used Oil	KER - Kerosene
E85 - E85 Gasoline Blend	E15 - E15 Gasoline Blend	RCF - Racing Fuel (leaded)	AVG - AV Gas (leaded)	MXT - Mixture of Substances (List Substances)	OTH - Other (specify)

Piping Construction Material					
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FRP - Fiberglass Reinforced Plastic	FXP - Fiberglass Composite / Plastic	AHP - Airport Hydrant Piping	CP - Copper	STL - Steel	OTH - Other
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Piping Closure Type					
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RMV - Removed	IPC - In-Place Closure	CIS - Change-in-Service
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Piping #	Piping Run Length (feet)	Substance (Last used, past)	Construction Material	Install Date (mm/dd/yyyy)	Date Last Used (mm/dd/yyyy)	Closure Date (mm/dd/yyyy)	Closure Type	UST #	Compartment #
5	25	GSL	FRP	0/4/27/1993	01/11/2023	4/17/2024	RMV	5	1
6	25	DSL	FRP	04/27/1993	01/11/2023	4/17/2024	RMV	6	1

Overall number of elbows and connectors: **up to 8**

Please justify In-Place Closure:
Removed

FACILITY ID NUMBER 1697	FACILITY NAME UPS Terre Haute Center
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M DISPENSER INFORMATION (If applicable)

For all dispensers closed, list the dispenser number, product(s) dispensed, and date last used. Attach an additional sheet if necessary.

Product Dispersed

GSL - Gasoline	DSL - Diesel	DSB - Diesel Containing >20% Biodiesel	VGL - Virgin Oil	UOL - Used Oil	KER - Kerosene
E85 - E85 Gasoline Blend	E15 - E15 Gasoline Blend	RCF - Racing Fuel (leaded)	AVG - AV Gas (leaded)	MXT - Mixture of Substances (List Substances)	OTH - Other (specify)

Dispenser Closure Type

RMV - Removed	IPC - In-Place Closure	CIS - Change-in-Service
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Dispenser Number	Products Dispersed	Install Date <i>(mm/dd/yyyy)</i>	Date Last Used <i>(mm/dd/yyyy)</i>	Removal Date <i>(mm/dd/yyyy)</i>	Replacement Date <i>(mm/dd/yyyy)</i>	Closure Type
1(Primary)	GSL	04/27/1993	01/11/2023	4/17/2024		RMV
1(Secondary)	GSL	04/27/1993	01/11/2023	4/17/2024		RMV
2(Primary)	DSL	04/27/1993	01/11/2023	4/17/2024		RMV
2 (Secondary)	DSL	04/27/1993	01/11/2023	4/17/2024		RMV

N STORAGE AND DISPOSAL

Method of liquid and/or sludge storage:
 Approximately 42,000 gallons of water was removed throughout the UST removal activities to address water in the tank pit. The recovered water was stored onsite in portable Frac Tanks until liquids were approved for transport and disposal at licensed facility Valicor Environmental Services located at 2640 Lefferson Road, Middletown, Ohio.

Non-hazardous residual sludges and associated cleaning materials (absorbents/Oil dry) generated during cleaning of the diesel UST was placed into a 55-gallon Department of Transportation (DOT)-approved drum.

Hazardous residual sludges and associated cleaning materials (absorbents/Oil dry) generated during cleaning of the gasoline UST was placed into a 55-gallon DOT-approved drum.

Method of liquid and/or sludge disposal:

Water recovered from the tank pit was transported under manifest for final disposition at Valicor Environmental Services located in Middletown, Ohio, a licensed disposal facility.

Non-hazardous residual sludges and associated cleaning materials (absorbents/Oil dry) generated during cleaning of the diesel UST were placed into a drum, transported and disposed of at Republic Services Sycamore Ridge landfill in Pimento, Indiana.

Hazardous residual sludges and associated cleaning materials (absorbents/Oil dry) generated during cleaning of the gasoline UST were placed into a drum, transported and disposed of at Clean Earth of Calvert City located in Calvert City, Kentucky.

Disposal documentation is included as Attachment 4.

Location of UST system storage/disposal:
 Following removal of USTs and associated components, they were cleaned and transported to Republic Services Landfill- Sycamore Ridge located in Pimento, Indiana.

Tank cleaning certification and disposal documentation is included as Attachment 4.

FACILITY ID NUMBER 1697		FACILITY NAME UPS Terre Haute Center	
UST REMOVAL			
<i>Only complete this section if the tank(s) and/or piping were removed during closure.</i>			
<input checked="" type="checkbox"/>	Cut up for disposal	<input type="checkbox"/>	Stored on site
<input type="checkbox"/>		<input type="checkbox"/>	Stored off site
<input type="checkbox"/>	Other:		
Amount of backfill material initially removed during UST system closure: 150-200 yards			
Was there overexcavation that took place after removal of the UST system?		<input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No
Amount of material overexcavated after removal of the UST system:			
After overexcavation, was free product present in the tank pit or piping runs?		<input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No
Was bedrock encountered during UST system removal?		<input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No
Was all contaminated material above the applicable screening levels excavated?		<input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No
<i>If all contaminated material was not excavated, explain:</i>			
Pea gravel excavated for removal of the USTs was field screened with a Photo-ionization Detector (PID) to confirm it was acceptable for reuse as backfill in the now former UST pit. A total of 16 random grab samples were collected for field screening and results of PID screening are shown on Table 1.			
After tank removal, what material was used to backfill the excavation?			
<input checked="" type="checkbox"/>	Gravel/Crushed Rock	<input type="checkbox"/>	Clean Soil Fill
<input type="checkbox"/>		<input type="checkbox"/>	Excavated Soil Pile
<input checked="" type="checkbox"/>	Other: Existing Pea Gravel		<input type="checkbox"/> Not Applicable:
<i>If water was encountered during excavation of the UST system, complete the following questions</i>			
Was water removed during excavation?		<input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No
What was the amount of the water removed from the excavation?		~40,000 gallons	
Was the water sampled?		<input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No
<i>If water was not sampled, explain:</i>			
<small>Note: Water in the tank pit was sampled during ongoing dewatering of the UST pit during tank removal. This sample was collected to be representative of waste liquids going off-site for proper disposal (Lab Report #50371017), and contained detections of Benzene, Ethylbenzene, & Toluene above laboratory detection limits. A post dewatering sample was collected from water remaining in the tank pit and sample results contained detections of VOCs- Benzene, Ethylbenzene, Toluene, Total Xylenes; PAHs- 1-methylnaphthalene, 2-methylnaphthalene, Naphthalene; and Total Lead. Only Benzene (33.2 micrograms per liter [ug/L]) and Naphthalene (3.2 ug/L), exceeded the respective IDEM RCG 2 2024 screening levels (5 ug/L & 1 ug/L, respectively). A groundwater sample collected from a temporary well installed in soil boring B-1 only had an exceedence of Total Lead (610 ug/L); however, dissolved lead was below laboratory detection limits (<10.0 ug/L). Confirmation water samples are shown on Table 2 and Figure 3. Laboratory data is in Attachment 2.</small>			
Method of water disposal:			
If contamination above screening level was encountered, then based on visual inspection of the UST components during removal, which component(s) appears to have failed causing the contamination? (Check all that apply)			
<input type="checkbox"/>	Piping (including joints)	<input type="checkbox"/>	Vent Lines (including joints)
<input type="checkbox"/>		<input type="checkbox"/>	Tanks
<input checked="" type="checkbox"/>	Spill/Overfill Equipment	<input checked="" type="checkbox"/>	Dispensers (including flex connectors)
<input type="checkbox"/>		<input type="checkbox"/>	Line Leak Detectors
<input type="checkbox"/>	Submersible Pump Heads	<input type="checkbox"/>	None
<input checked="" type="checkbox"/>	Other: UST Closure Activities		
<i>Provide specific details about what was observed:</i>			
Shallow soils in the vicinity of the dispensers had a more gray-green mottling in comparison to the soils observed in UST confirmation samples. There was no visible free-product or discernable black staining.			
<i>If other, please explain:</i>			
Following the removal of the concrete surface over the tank pit, the UST contractor observed the water nearly filling the UST pit and had to start dewatering in preparation for removal.			
Based on the response above, what action or process appears to have caused the contamination? (Check all that apply)			
<input type="checkbox"/>	Spill(s)	<input type="checkbox"/>	Overfill(s)
<input type="checkbox"/>		<input type="checkbox"/>	Pipe and/or Joint Failure
<input type="checkbox"/>	Human Error	<input type="checkbox"/>	Corrosion
<input type="checkbox"/>		<input type="checkbox"/>	Mechanical Failure
<input checked="" type="checkbox"/>	Unknown <input checked="" type="checkbox"/> Other: UST Closure Activities		

<small>FACILITY ID NUMBER</small> 1697	<small>FACILITY NAME</small> UPS Terre Haute Center		
P	IN-PLACE CLOSURE		
<i>Only complete if the tank and/or piping were not removed during closure.</i>			
What inert solid material was used to fill the tank(s) and/or piping:			
<input type="checkbox"/> Sand	<input type="checkbox"/> Sand/Soil	<input type="checkbox"/> Concrete	
<input type="checkbox"/> Concrete/ Bentonite	<input type="checkbox"/> Other:		
Was water encountered in the soil boring(s) during in-place closure?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
Was bedrock encountered during UST system in-place closure?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
Q	LABORATORY INFORMATION		
Laboratory Name		Soil	Water
Pace Analytical, Inc.- Indianapolis, IN		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
R	SOIL SCREENING LEVELS AND ANALYTICAL RESULTS		
Type of backfill originally used: Pea Gravel			
Native soil type description: Silty Clay and Sandy silty clay, sand layer underlying clays			
Number of samples taken: 22 Confirmation samples w/QAQC; 2 Samples Soil Boring (Table 3, Figure 4, Attachment 2)			
Was the contaminant concentration for any soil sample collected after removal, in-place closure, or over-excavation reported above laboratory detection limits? <i>If yes, a release must be reported to the Petroleum Remediation Section.</i>		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
S	GROUND WATER SCREENING LEVELS AND ANALYTICAL RESULTS		
Number of samples taken: 1			
Was the contaminant concentration for any groundwater sample collected after removal, in-place closure, or over-excavation reported above laboratory detection limits? <i>If yes, a release must be reported to the Petroleum Remediation Section.</i>		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
T	EXCAVATED SOIL/STOCKPILED SOIL ANALYTICAL RESULTS		
Number of samples taken: 16 grab samples of pea gravel were placed in sealed baggies for PID screening. Results are included as Table 1			
Was the contaminant concentration for any excavated/stockpiled soil sample collected after removal, in-place closure, or over-excavation reported above laboratory detection limits? <i>If yes, a release must be reported to the Petroleum Remediation Section.</i>		<input type="checkbox"/> Yes	<input type="checkbox"/> No
Provide detailed comments for any unique circumstances that need to be described:			
<h1>See Attachment A</h1>			

FACILITY ID NUMBER 1697	FACILITY NAME UPS Terre Haute Center
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U HISTORIC SITE OPERATIONS INFORMATION

OWNERS OR OPERATORS DURING THE LAST TWENTY-FIVE (25) YEARS STARTING FROM THE PRESENT (Include 'From' and 'To' ownership dates as well as names and addresses)			
DATE (FROM)	DATE (TO)	OWNER NAME	OWNER ADDRESS (number and street, city, state and ZIP code)
01/01/1976	Present	United Parcel Service, Inc.	700 West 16th Street, Indianapolis, IN. 46204

TYPE OF FACILITY, PAST AND CURRENT OPERATIONS
 Current use is as a commercial property operated by United Parcel Service, Inc. (UPS) for sorting, loading and local package delivery. UPS has been the sole occupant of this Site since 1976. The property in total is ~4.63 acres and zoned commercial warehouse.

V SITE INFORMATION

SITE COVERAGE (Check all that apply)

Turf
 Concrete
 Asphalt
 Other:

SITE PROXIMITY TO HUMAN AND/OR ENVIRONMENTALLY SENSITIVE AREAS, SUCH AS RESIDENCES, SCHOOLS, WELLS, WELL FIELDS, OR WELL HEAD PROTECTION AREAS
 The UPS Site is bordered by state highway to the west, undeveloped commercial property to the north, an asphalt batching plant to the east, and roadway and undeveloped commercial land to the south. Further south-southwest and west are active retail petroleum sites. The results of a search of the Indiana Department of Natural Resources (IDNR) Well Viewer are shown on attached Figure 4, with well ID numbers. Well ID 200923, within 1,000 ft of the Site was identified as not field confirmed and well record showed 1950 installation date and for residential purpose. The property is currently occupied by a multi-story hotel (commercial), and it is unlikely the well exist. Closest wells records for IDs 199859, 200923, 210322, 210324, & 210329 are included as Attachment 6.

A potential single residence ~1,600 ft was identified to the southeast, a small residential subdivision was identified to the southwest and a small public campground was identified to the southeast, both ~ 3,500-3,600 ft from the Site.

No schools were identified within one mile of the Site.

The Site was determined to not be within a well protection or source water protection zone, based review of the IDEM Source Water Proximity Determination Tool (<https://www.in.gov/idem/cleanwater/information-about/groundwater-monitoring-and-source/water-protection/well-head-protection-program/source-water-proximity-determination-tool/>).

Active retail petroleum Sites: FID#19474 is ~725 ft southwest of UPS Site and Pilot Travel Center 297 (FID# 17097) is ~830 ft south of UPS Site.

INFORMATION ON ANY PREVIOUSLY CLOSED UST SYSTEM (VFC NUMBER), SUCH AS THE DATE CLOSED AND THE NUMBER, SIZE, AND PRODUCT STORED. PROVIDE VFC DOCUMENT NUMBER OR ATTACH CLOSED SYSTEM FILES IF NECESSARY.
 VFC Doc# Five USTs were removed in August 1993: one 12,000-gallon fuel (in tank pit by itself); one 10,000-gallon gasoline & one 10,000-gallon diesel (both in shared tank pit); one 500-gallon used oil & one 500-gallon bulk oil (both in a shared tank pit).

LUST Incident #199006552 was assigned to the Site.

Below is a partial listing of documents related to the previous incident:
 -VFC Doc #41414353 (12/31/2008) - Documents a Site investigation planning meeting with IDEM.
 -VFC Doc #55771974 (5/26/2010) - A Limited Subsurface Investigation plan submitted to IDEM.
 -VFC Doc #59409555 (11/12/2010) - Limited Subsurface Investigation Report submitted to IDEM.
 -VFC Doc #64127396 (1/12/2012) - IDEM letter requesting submittal of a No Further Action Request.
 -VFC Doc #66070507 (5/31/2012) - Formal Request for No Further Action submitted to IDEM.
 -VFC Doc #67105467 (11/21/2012) - Site Closure Request including Environmental Restrictive Covenant recorded on property deed submitted to IDEM.
 -VFC Doc #68972037 (3/4/2013) - IDEM letter Approving No Further Action, closing LUST Inc#199006552
 --Environmental Restrictive Covenant copy included in this report as Attachment 7.

FACILITY ID NUMBER 1697	FACILITY NAME UPS Terre Haute Center
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W CLOSURE REPORT DOCUMENT SHOULD BE ARRANGED AS FOLLOWS:

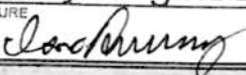
- 1) UST Closure Report, State Form 56554
- 2) Site specific map with illustrated legends and compass directions and at appropriate scale to show site details:
 - Drainage features, surface slope or surface water run-off direction
 - Identified aboveground features: such as buildings, roadways, manways, pump islands, and utility and property lines
 - Identified subsurface features: such as tanks and excavation pit, piping, and utility conduits
 - Site surroundings: such as adjacent buildings, businesses, or human and environmentally sensitive areas, such as residences, schools, wells, well fields, or wellhead protection areas delineated in 327 IAC 8-4.1
 - Location of active and previously closed tanks as applicable
- 3) Sampling locations map:
 - Locations where samples were taken, soil borings advanced, and monitoring wells installed
- 4) Leak detection results (*Owner must attach copies of the last twelve (12) months of release detection records for the closed systems or explain above why records are not attached.*)
- 5) Most recent tanks and line tightness testing results
- 6) Leak detection methods used for tanks and piping (*Owner must list what forms of release detection were in use for all systems closed during this closure.*)
- 7) Table showing the field screening values and lab values of each sample
- 8) QA/QC sample collection and laboratory methods
- 9) Laboratory data and chain of custody
- 10) Boring logs (*if needed*)
- 11) Disposal documentation such as sludge, removed UST(s), removed piping, soil and water
- 12) Photo documentation (*Optional*)

FACILITY ID NUMBER 1697	TRANSACTION ID - FOR STATE USE ONLY
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UST OWNER CERTIFICATION

I swear or affirm, under penalty of perjury as specified by IC 35-44.1-2-1 and other penalties specified by IC 13-30-10 and IC 13-23-14-2, that the statements and representations in this document are true, accurate, and complete. I further certify compliance with the following requirements in accordance with 329 IAC 9-2-2(e):

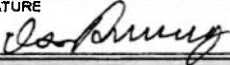
- (1) Installation of all tanks and piping under 40 CFR 260.20.
- (2) Cathodic protection of steel tanks and piping under 40 CFR 260.20.
- (3) Release detection under 40 CFR 260 Subpart D.
- (4) Financial responsibility under 329 IAC 9-8.

OWNER'S AUTHORIZED REPRESENTATIVE (Print or Type)				
PREFIX	FIRST NAME Isauro	MI	LAST NAME Ramirez	SUFFIX
TITLE OF AUTHORIZED REPRESENTATIVE Facility Engineer II		COMPANY NAME (If Individual Leave Blank) United Parcel Service, Inc.		
SIGNATURE 			DATE (MM/DD/YYYY) 6/19/2024	

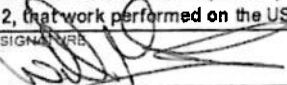
UST OPERATOR CERTIFICATION

I swear or affirm, under penalty of perjury as specified by IC 35-44.1-2-1 and other penalties specified by IC 13-30-10 and IC 13-23-14-2, that the statements and representations in this document are true, accurate, and complete. I further certify compliance with the following requirements in accordance with 329 IAC 9-2-2(e):

- (1) Installation of all tanks and piping under 40 CFR 260.20.
- (2) Cathodic protection of steel tanks and piping under 40 CFR 260.20.
- (3) Release detection under 40 CFR 260 Subpart D.
- (4) Financial responsibility under 329 IAC 9-8.

OPERATOR'S AUTHORIZED REPRESENTATIVE (Print or Type)				
PREFIX	FIRST NAME Isauro Ramirez	MI	LAST NAME Ramirez	SUFFIX
TITLE OF AUTHORIZED REPRESENTATIVE Facility Engineer II		COMPANY NAME (If Individual Leave Blank) United Parcel Service, Inc.		
SIGNATURE 			DATE (MM/DD/YYYY) 6/19/2024	

CONTRACTOR CERTIFICATION

CERTIFIED INDIVIDUAL NAME				
PREFIX	FIRST NAME William	MI	LAST NAME Grimes	SUFFIX
OATH: I swear or affirm, under penalty of perjury as specified by IC 35-44.1-2-1 and other penalties specified by IC 13-30-10 and IC 13-23-14-2, that work performed on the UST system complies with methods specified in 329 IAC 9 and 40 CFR 260, Subpart C.				
SIGNATURE 		EMAIL ADDRESS wgrimes@peccoinc.com		DATE (MM/DD/YYYY) 06/17/2024

Tables

Table 1. UST Systems Closure- PID Field Screening Results

UPS Terre Haute, Indiana

FID #1697/ INC #202404515



Location/Sample ID	Depth (ft) bgs	PID Readings (PPM)
UNL-BTM-01	13-14	0.0
UNL-BTM-02	13-14	0.0
UNL-BTM-03	13-14	0.0
DSL-BTM-04	13-14	0.0
DSL-BTM-05	13-14	0.0
DSL-BTM-06 (Dup-02)	13-14	0.0
W-SW-01 (Dup-01)	6	0.0
W-SW-02	7	0.0
W-SW-03	7	0.0
W-SW-04	7	0.0
N-SW-01	7	0.0
E-SW-01	7	0.0
E-SW-02	7	0.0
E-SW-03	7	0.0
E-SW-04	7	0.0
E-SW-05	7	0.0
S-SW	NA	No Sample (safety issue)
UNL-DSP/PL	3	0.0
UNL-DSP-E	4	0.0
DSL-DSP/PL	3	0.0
DSL-DSP-E (Dup-03)	4	9.3
B-1	3-4	0.0
B-1	12.5-15	0.0
SP -1 (Pea Gr.)	--	0.0
SP -2 (Pea Gr.)	--	0.0
SP -3 (Pea Gr.)	--	0.0
SP -4 (Pea Gr.)	--	0.0
SP -5 (Pea Gr.)	--	0.0
SP -6 (Pea Gr.)	--	0.0
SP -7 (Pea Gr.)	--	0.0
SP -8 (Pea Gr.)	--	0.1
SP -9 (Pea Gr.)	--	0.0
SP -10 (Pea Gr.)	--	0.0
SP-11 (Pea Gr.)	--	3.4
SP-12 (Pea Gr.)	--	0.0
SP-13 (Pea Gr.)	--	0.0
SP-14 (Pea Gr.)	--	0.1
SP-15 (Pea Gr.)	--	0.0
SP-16 (Pea Gr.)	--	0.0

Table 1. UST Systems Closure- PID Field Screening Results

UPS Terre Haute, Indiana

FID #1697/ INC #202404515



Notes:

PID- Photoionization Detector

SP- Stockpile of pea gravel generated and reused as backfill

N.S.W.E- North, South, West, East

SW- Side Wall

BTM- Bottom

UNL- Unleaded Gasoline

DSL- Diesel

ft- feet

bgs- below ground surface

PPM- Parts Per Million

S-SW location could not be safely sampled due to the end of the tank extending at least another 8ft south past end UST. Initial attempts to remove pea gravel caused undermining of intact concrete surface.

Table 2. USTs Systems Closure Confirmation Water and Groundwater Sampling Analytical Results

UPS Terre Haute, IN
 FID #1697; INC #202404515

Location Sample Name Sample Date Lab SDG #	Unit	IDEM RCG 2 Groundwater Long Term Residential SLs	Tank Pit Water TANK PIT WATER (041724) 4/17/2024 50371008	B-1 B-1 (GW)_20240426 4/26/2024 50371664	QAQC WT-TRIP BLANK (041724) 4/17/2024 50371008	QAQC TRIP BLANK_20240426 4/26/2024 50371664	Waste WC-Tank Pit (041724) 4/17/2024 50371017
Metals							
Lead, Dissolved	µg/l	15	NA [NA]	<10.0 U	NA	NA	NA
Lead, Total	µg/l	15	<10.0 U [14.4]	610	NA	NA	14.2
VOCs							
1,2-Dibromo-3-chloropropane	µg/l	0.2	<0.033 U [<0.034 U]	<0.035 U	NA	NA	<0.034 U
1,2-Dibromoethane	µg/l	0.05	<0.033 U [<0.034 U]	<0.035 U	NA	NA	<0.034 U
1,1,1,2-Tetrachloroethane	µg/l	6	<5.0 U [<5.0 U]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
1,1,1-Trichloroethane	µg/l	200	<5.0 U [<5.0 U]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
1,1,2,2-Tetrachloroethane	µg/l	0.8	<5.0 U [<5.0 U]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
1,1,2-Trichloroethane	µg/l	5	<5.0 U [<5.0 U]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
1,1-Dichloroethane	µg/l	30	<5.0 U [<5.0 U]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
1,1-Dichloroethene	µg/l	7	<5.0 U [<5.0 U]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
1,1-Dichloropropene	µg/l	NSL	<5.0 U [<5.0 U]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
1,2,3-Trichlorobenzene	µg/l	7	<5.0 U [<5.0 U]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
1,2,3-Trichloropropane	µg/l	0.008	<5.0 U [<5.0 U]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
1,2,4-Trichlorobenzene	µg/l	70	<5.0 U [<5.0 U]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
1,2,4-Trimethylbenzene	µg/l	60	16.0 [15.2]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
1,2-Dibromoethane	µg/l	0.05	<5.0 U [<5.0 U]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
1,2-Dichlorobenzene	µg/l	600	<5.0 U [<5.0 U]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
1,2-Dichloroethane	µg/l	5	<5.0 U [<5.0 U]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
1,2-Dichloropropane	µg/l	5	<5.0 U [<5.0 U]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
1,3,5-Trimethylbenzene	µg/l	60	<5.0 U [<5.0 U]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
1,3-Dichlorobenzene	µg/l	NSL	<5.0 U [<5.0 U]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
1,3-Dichloropropane	µg/l	400	<5.0 U [<5.0 U]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
1,4-Dichlorobenzene	µg/l	75	<5.0 U [<5.0 U]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
2,2-Dichloropropane	µg/l	NSL	<5.0 U [<5.0 U]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
2-Butanone (MEK)	µg/l	6000	<25.0 U [<25.0 U]	<25.0 U	<25.0 U	<25.0 U	<25.0 U
2-Chlorotoluene	µg/l	200	<5.0 U [<5.0 U]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
4-Chlorotoluene	µg/l	300	<5.0 U [<5.0 U]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
4-Methyl-2-Pentanone	µg/l	6000	<25.0 U [<25.0 U]	<25.0 U	<25.0 U	<25.0 U	<25.0 U
Acetone	µg/l	20000	<100 U [<100 U]	<100 U	<100 U	<100 U	<100 U
Acrolein	µg/l	0.04	<50.0 U [<50.0 U]	<50.0 U	<50.0 U	<50.0 U	<50.0 U
Acrylonitrile	µg/l	0.5	<100 U [<100 U]	<100 U	<100 U	<100 U	<100 U
Benzene	µg/l	5	33.2 [31.9]	<5.0 U	<5.0 U	<5.0 U	82.2

Table 2. USTs Systems Closure Confirmation Water and Groundwater Sampling Analytical Results

UPS Terre Haute, IN
 FID #1697; INC #202404515

Location Sample Name Sample Date Lab SDG #	Unit	IDEM RCG 2 Groundwater Long Term Residential SLs	Tank Pit Water TANK PIT WATER (041724) 4/17/2024 50371008	B-1 B-1 (GW)_20240426 4/26/2024 50371664	QAQC WT-TRIP BLANK (041724) 4/17/2024 50371008	QAQC TRIP BLANK_20240426 4/26/2024 50371664	Waste WC-Tank Pit (041724) 4/17/2024 50371017
Bromobenzene	µg/l	60	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Bromochloromethane	µg/l	80	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Bromodichloromethane	µg/l	80	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Bromoform	µg/l	80	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Bromomethane	µg/l	8	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Carbon Disulfide	µg/l	800	<10.0 U [<u><10.0 U</u>]	<10.0 U	<10.0 U	<10.0 U	<10.0 U
Carbon Tetrachloride	µg/l	5	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
CFC-11	µg/l	5000	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
CFC-12	µg/l	200	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Chlorobenzene	µg/l	100	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Chlorodibromomethane	µg/l	80	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Chloroethane	µg/l	8000	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Chloroform	µg/l	80	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Chloromethane	µg/l	200	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
cis-1,2-Dichloroethene	µg/l	70	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
cis-1,3-Dichloropropene	µg/l	NSL	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Cymene (p-Isopropyltoluene)	µg/l	NSL	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Dibromomethane	µg/l	8	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Dichloromethane	µg/l	5	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Ethyl Methacrylate	µg/l	600	<100 U [<u><100 U</u>]	<100 U	<100 U	<100 U	<100 U
Ethylbenzene	µg/l	700	<u>11.1</u> [<u>10.9</u>]	<5.0 U	<5.0 U	<5.0 U	<u>7.1</u>
Hexachloro-1,3-butadiene	µg/l	1	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Hexane	µg/l	2000	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Iodomethane	µg/l	NSL	<10.0 U [<u><10.0 U</u>]	<10.0 U	<10.0 U	<10.0 U	<10.0 U
Isopropylbenzene	µg/l	500	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Methyl N-Butyl Ketone (2-Hexanone)	µg/l	40	<25.0 U [<u><25.0 U</u>]	<25.0 U	<25.0 U	<25.0 U	<25.0 U
Methyl-tert-butylether	µg/l	100	<4.0 U [<u><4.0 U</u>]	<4.0 U	<4.0 U	<4.0 U	<4.0 U
n-Butylbenzene	µg/l	1000	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
n-Propylbenzene	µg/l	700	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
sec-Butylbenzene	µg/l	2000	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Styrene (Monomer)	µg/l	100	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
tert-Butylbenzene	µg/l	700	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Tetrachloroethene	µg/l	5	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Toluene	µg/l	1000	<u>79.4</u> [<u>76.6</u>]	<5.0 U	<5.0 U	<5.0 U	<u>79.7</u>
Total Xylenes	µg/l	10000	<u>65.8</u> [<u>63.2</u>]	<10.0 U	<10.0 U	<10.0 U	<10.0 U

Table 2. USTs Systems Closure Confirmation Water and Groundwater Sampling Analytical Results

UPS Terre Haute, IN
FID #1697; INC #202404515

Location		IDEM RCG 2	Tank Pit Water	B-1	QAQC	QAQC	Waste
Sample Name	Unit	Groundwater	TANK PIT WATER (041724)	B-1 (GW)_20240426	WT-TRIP BLANK (041724)	TRIP BLANK_20240426	WC-Tank Pit (041724)
Sample Date		Long Term	4/17/2024	4/26/2024	4/17/2024	4/26/2024	4/17/2024
Lab SDG #		Residential SLs	50371008	50371664	50371008	50371664	50371017
trans-1,2-Dichloroethene	µg/l	100	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
trans-1,3-Dichloropropene	µg/l	NSL	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
trans-1,4-Dichloro-2-butene	µg/l	0.01	<100 U [<u><100 U</u>]	<100 U	<100 U	<100 U	<100 U
Trichloroethene	µg/l	5	<5.0 U [<u><5.0 U</u>]	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Vinyl acetate	µg/l	400	<50.0 U [<u><50.0 U</u>]	<50.0 U	<50.0 U	<50.0 U	<50.0 U
Vinyl chloride	µg/l	2	<2.0 U [<u><2.0 U</u>]	<2.0 U	<2.0 U	<2.0 U	<2.0 U
PAHs, SIM							
1-Methylnaphthalene	µg/l	10	<u>4.0</u> [<u>3.5</u>]	<1.0 U	NA	NA	<u>2.3</u>
2-Methylnaphthalene	µg/l	40	<u>4.8</u> [<u>1.7</u>]	<1.0 U	NA	NA	<1.0 U
Acenaphthene	µg/l	500	<1.0 U [<u><1.0 U</u>]	<1.0 U	NA	NA	<1.0 U
Acenaphthylene	µg/l	NSL	<1.0 U [<u><1.0 U</u>]	<1.0 U	NA	NA	<1.0 U
Anthracene	µg/l	2000	<0.10 U [<u><0.10 U</u>]	<0.10 U	NA	NA	<0.10 U
Benz(a)anthracene	µg/l	0.3	<0.10 U [<u><0.10 U</u>]	<0.10 U	NA	NA	<0.10 U
Benzo(a)pyrene	µg/l	0.2	<0.10 U [<u><0.10 UL1</u>]	<0.10 U	NA	NA	<0.10 U
Benzo(b)fluoranthene	µg/l	3	<0.10 U [<u><0.10 U</u>]	<0.10 U	NA	NA	<0.10 U
Benzo(g,h,i)perylene	µg/l	NSL	<0.10 U [<u><0.10 UL1</u>]	<0.10 U	NA	NA	<0.10 U
Benzo(k)fluoranthene	µg/l	30	<0.10 U [<u><0.10 U</u>]	<0.10 U	NA	NA	<0.10 U
Chrysene	µg/l	300	<0.50 U [<u><0.50 U</u>]	<0.51 U	NA	NA	<0.51 U
Dibenz(a,h)anthracene	µg/l	0.3	<0.10 U [<u><0.10 U</u>]	<0.10 U	NA	NA	<0.10 U
Fluoranthene	µg/l	800	<1.0 U [<u><1.0 U</u>]	<1.0 U	NA	NA	<1.0 U
Fluorene	µg/l	300	<1.0 U [<u><1.0 U</u>]	<1.0 U	NA	NA	<1.0 U
Indeno(1,2,3-cd)pyrene	µg/l	3	<0.10 U [<u><0.10 UL1</u>]	<0.10 U	NA	NA	<0.10 U
Naphthalene	µg/l	1	<u>3.2</u> [<u><1.0 U</u>]	<1.0 U	NA	NA	<1.0 U
Phenanthrene	µg/l	NSL	<1.0 U [<u><1.0 UL1</u>]	<1.0 U	NA	NA	<1.0 U
Pyrene	µg/l	100	<1.0 U [<u><1.0 U</u>]	<1.0 U	NA	NA	<1.0 U

NOTES:

All results were compared to the Indiana Department of Environmental Management (IDEM) Remediation Closure Guide 2 (RCG 2)

Groundwater Long Term Residential Screening Levels for 2024

Underlined- Concentrations detected above laboratory limits.

BOLD - Concentrations detected exceeds lowest soil screening level presented in the IDEM RCG 2 Published Levels Table 1 (2024)

µg/l- micrograms per liter

SL- Screening Level

NSL- No Screening Level

< RL U- Indicates the analyte was analyzed for but not detected at the Reporting Limit (RL)

16.0 [15.2]- Parent Sample [Duplicate Sample]

QAQC- Quality Assurance Quauity Control

NA- Not Analyzed

WC- Waste Sample

Table 3. USTs Systems Closure- Confirmation Soil Sample Laboratory Analytical Results
 UPS Terre Haute, IN
 FID #1697; INC #202404515

Location Sample Name Sample Depth (ft bgs) Sample Date	Unit	IDEM RCG 2 Long Term Residential SLs	IDEM RCG 2 Long Term Commercial SLs	IDEM RGC 2 Short Term Excavator SLs	UNL-BTM-01 UNL-BTM-01 (13'-14') 13 4/17/2024	UNL-BTM-02 UNL-BTM-02 (13'-14') 13 4/17/2024	UNL-BTM-03 UNL-BTM-03 (13'-14') 13-14 4/17/2024	DSL-BTM-04 DSL-BTM-04 (13'-14') 13-14 4/17/2024	DSL-BTM-05 DSL-BTM-05 (13'-14') 13-14 4/17/2024	DSL-BTM-06 DSL-BTM-06 (13'-14') 13-14 4/17/2024	W-SW-01 W-SW-01 (6') 6 4/17/2024
Metals											
Lead	mg/kg	400	800	1,000	8.4 [7.5]	8.1	8.1	7.7	7.8	6.5 [6.6]	8.9
VOCs											
1,1,1,2-Tetrachloroethane	mg/kg	NSL	NSL	700	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
1,1,1-Trichloroethane	mg/kg	NSL	NSL	600	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
1,1,2,2-Tetrachloroethane	mg/kg	NSL	NSL	2,000	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
1,1,2-Trichloroethane	mg/kg	NSL	NSL	30	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
1,1-Dichloroethane	mg/kg	NSL	NSL	2,000	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
1,1-Dichloroethene	mg/kg	NSL	NSL	1,000	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
1,1-Dichloropropene	mg/kg	NSL	NSL	NSL	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
1,2,3-Trichlorobenzene	mg/kg	90	900	2,000	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
1,2,3-Trichloropropane	mg/kg	NSL	NSL	50	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
1,2,4-Trichlorobenzene	mg/kg	80	300	400	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
1,2,4-Trimethylbenzene	mg/kg	NSL	NSL	200	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
1,2-Dibromoethane	mg/kg	NSL	NSL	200	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
1,2-Dichlorobenzene	mg/kg	NSL	NSL	400	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
1,2-Dichloroethane	mg/kg	NSL	NSL	700	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
1,2-Dichloropropane	mg/kg	NSL	NSL	400	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
1,3,5-Trimethylbenzene	mg/kg	NSL	NSL	200	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
1,3-Dichlorobenzene	mg/kg	NSL	NSL	NSL	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
1,3-Dichloropropane	mg/kg	NSL	NSL	1,000	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
1,4-Dichlorobenzene	mg/kg	NSL	NSL	20,000	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
2,2-Dichloropropane	mg/kg	NSL	NSL	NSL	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
2-Butanone (MEK)	mg/kg	NSL	NSL	30,000	<0.0243 U [<0.0250 U]	<0.0299 U	<0.0299 U	<0.0282 U	<0.0280 U	<0.0307 U [<0.0274 U]	<0.0260 U
2-Chlorotoluene	mg/kg	NSL	NSL	900	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
4-Chlorotoluene	mg/kg	NSL	NSL	300	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
4-Methyl-2-Pentanone	mg/kg	NSL	NSL	3,000	<0.0243 U [<0.0250 U]	<0.0328 U	<0.0299 U	<0.0282 U	<0.0280 U	<0.0307 U [<0.0274 U]	<0.0260 U
Acetone	mg/kg	NSL	NSL	100,000	<0.0970 U [<0.0999 U]	<0.131 U	<0.119 U	<0.113 U	<0.112 U	<0.123 U [<0.11 U]	<0.104 U
Acrolein	mg/kg	NSL	NSL	3	<0.0970 U [<0.0999 U]	<0.131 U	<0.119 U	<0.113 U	<0.112 U	<0.123 U [<0.11 U]	<0.104 U
Acrylonitrile	mg/kg	NSL	NSL	300	<0.0970 U [<0.0999 U]	<0.131 U	<0.119 U	<0.113 U	<0.112 U	<0.123 U [<0.11 U]	<0.104 U
Benzene	mg/kg	NSL	NSL	2,000	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Bromobenzene	mg/kg	NSL	NSL	700	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Bromochloromethane	mg/kg	NSL	NSL	4,000	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Bromodichloromethane	mg/kg	NSL	NSL	900	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Bromoform	mg/kg	NSL	NSL	900	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Bromomethane	mg/kg	NSL	NSL	200	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Carbon Disulfide	mg/kg	NSL	NSL	700	<0.0097 U [<0.01 U]	<0.0131 U	<0.0119 U	<0.0113 U	<0.0112 U	<0.0123 U [<0.0110 U]	<0.0104 U
Carbon Tetrachloride	mg/kg	NSL	NSL	500	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
CFC-11	mg/kg	NSL	NSL	1,000	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
CFC-12	mg/kg	NSL	NSL	800	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Chlorobenzene	mg/kg	NSL	NSL	800	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Chlorodibromomethane	mg/kg	NSL	NSL	800	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Chloroethane	mg/kg	NSL	NSL	2,000	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Chloroform	mg/kg	NSL	NSL	2,000	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Chloromethane	mg/kg	NSL	NSL	1,000	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
cis-1,2-Dichloroethene	mg/kg	NSL	NSL	1,000	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U

Table 3. USTs Systems Closure- Confirmation Soil Sample Laboratory Analytical Results
UPS Terre Haute, IN
FID #1697; INC #202404515

Location Sample Name Sample Depth (ft bgs) Sample Date	Unit	IDEM RCG 2 Long Term Residential SLs	IDEM RCG 2 Long Term Commercial SLs	IDEM RGC 2 Short Term Excavator SLs	UNL-BTM-01 UNL-BTM-01 (13'-14') 13 4/17/2024	UNL-BTM-02 UNL-BTM-02 (13'-14') 13 4/17/2024	UNL-BTM-03 UNL-BTM-03 (13'-14') 13-14 4/17/2024	DSL-BTM-04 DSL-BTM-04 (13'-14') 13-14 4/17/2024	DSL-BTM-05 DSL-BTM-05 (13'-14') 13-14 4/17/2024	DSL-BTM-06 DSL-BTM-06 (13'-14') 13-14 4/17/2024	W-SW-01 W-SW-01 (6') 6 4/17/2024
cis-1,3-Dichloropropene	mg/kg	NSL	NSL	NSL	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Cymene (p-Isopropyltoluene)	mg/kg	NSL	NSL	NSL	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Dibromomethane	mg/kg	NSL	NSL	600	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Dichloromethane	mg/kg	NSL	NSL	3,000	<0.0194 U [<0.0200 U]	<0.0262 U	<0.0239 U	<0.0226 U	<0.0224 U	<0.0245 U [<0.0220 U]	<0.0208 U
Ethyl Methacrylate	mg/kg	NSL	NSL	1,000	<0.0970 U [<0.0999 U]	<0.131 U	<0.119 U	<0.113 U	<0.112 U	<0.123 U [<0.11 U]	<0.104 U
Ethylbenzene	mg/kg	NSL	NSL	500	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Hexachloro-1,3-butadiene	mg/kg	20	20	20	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Hexane	mg/kg	NSL	NSL	100	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Iodomethane	mg/kg	NSL	NSL	NSL	<0.0970 U [<0.0999 U]	<0.131 U	<0.119 U	<0.113 U	<0.112 U	<0.123 U [<0.11 U]	<0.104 U
Isopropylbenzene	mg/kg	NSL	NSL	300	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Methyl N-Butyl Ketone (2-Hexanone)	mg/kg	NSL	NSL	3,000	<0.0970 U [<0.0999 U]	<0.131 U	<0.119 U	<0.113 U	<0.112 U	<0.123 U [<0.11 U]	<0.104 U
Methyl-tert-butylether	mg/kg	NSL	NSL	9,000	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
n-Butylbenzene	mg/kg	NSL	NSL	100	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
n-Propylbenzene	mg/kg	NSL	NSL	300	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
sec-Butylbenzene	mg/kg	NSL	NSL	100	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Styrene (Monomer)	mg/kg	NSL	NSL	900	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
tert-Butylbenzene	mg/kg	NSL	NSL	200	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Tetrachloroethene	mg/kg	NSL	NSL	200	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Toluene	mg/kg	NSL	NSL	800	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Total Xylenes	mg/kg	NSL	NSL	300	<0.0097 U [<0.01 U]	<0.0131 U	<0.0119 U	<0.0113 U	<0.0112 U	<0.0123 U [<0.0110 U]	<0.0104 U
trans-1,2-Dichloroethene	mg/kg	NSL	NSL	2,000	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
trans-1,3-Dichloropropene	mg/kg	NSL	NSL	NSL	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
trans-1,4-Dichloro-2-butene	mg/kg	NSL	NSL	40	<0.0970 U [<0.0999 U]	<0.131 U	<0.119 U	<0.113 U	<0.112 U	<0.123 U [<0.11 U]	<0.104 U
Trichloroethene	mg/kg	NSL	NSL	100	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
Vinyl acetate	mg/kg	NSL	NSL	3,000	<0.0970 U [<0.0999 U]	<0.131 U	<0.119 U	<0.113 U	<0.112 U	<0.123 U [<0.11 U]	<0.104 U
Vinyl chloride	mg/kg	NSL	NSL	1,000	<0.0049 U [<0.0050 U]	<0.0066 U	<0.0060 U	<0.0056 U	<0.0056 U	<0.0061 U [<0.0055 U]	<0.0052 U
PAHs SIM											
1-Methylnaphthalene	mg/kg	300	400	400	<0.0058 U [<0.0058 U]	<0.0066 U	<0.0064 U	<0.0064 U	<0.0062 U	<0.0065 U [<0.0060 U]	<0.0062 U
2-Methylnaphthalene	mg/kg	300	3,000	7,000	<0.0058 U [<0.0058 U]	<0.0066 U	<0.0064 U	<0.0064 U	<0.0062 U	<0.0065 U [<0.0060 U]	<0.0062 U
Acenaphthene	mg/kg	5,000	50,000	100,000	<0.0058 U [<0.0058 U]	<0.0066 U	<0.0064 U	<0.0064 U	<0.0062 U	<0.0065 U [<0.0060 U]	<0.0062 U
Acenaphthylene	mg/kg	NSL	NSL	NSL	<0.0058 U [<0.0058 U]	<0.0066 U	<0.0064 U	<0.0064 U	<0.0062 U	<0.0065 U [<0.0060 U]	<0.0062 U
Anthracene	mg/kg	30,000	100,000	100,000	<0.0058 U [<0.0058 U]	<0.0066 U	<0.0064 U	<0.0064 U	<0.0062 U	<0.0065 U [<0.0060 U]	<0.0062 U
Benz(a)anthracene	mg/kg	20	200	10,000	<0.0058 U [<0.0058 U]	<0.0066 U	<0.0064 U	<0.0064 U	<0.0062 U	<0.0065 U [<0.0060 U]	<0.0062 U
Benzo(a)pyrene	mg/kg	2	20	500	<0.0058 U [<0.0058 U]	<0.0066 U	<0.0064 U	<0.0064 U	<0.0062 U	<0.0065 U [<0.0060 U]	<0.0062 U
Benzo(b)fluoranthene	mg/kg	20	200	10,000	<0.0058 U [<0.0058 U]	<0.0066 U	<0.0064 U	<0.0064 U	<0.0062 U	<0.0065 U [<0.0060 U]	<0.0062 U
Benzo(g,h,i)perylene	mg/kg	NSL	NSL	NSL	<0.0058 U [<0.0058 U]	<0.0066 U	<0.0064 U	<0.0064 U	<0.0062 U	<0.0065 U [<0.0060 U]	<0.0062 U
Benzo(k)fluoranthene	mg/kg	200	2,000	100,000	<0.0058 U [<0.0058 U]	<0.0066 U	<0.0064 U	<0.0064 U	<0.0062 U	<0.0065 U [<0.0060 U]	<0.0062 U
Chrysene	mg/kg	2,000	20,000	100,000	<0.0058 U [<0.0058 U]	<0.0066 U	<0.0064 U	<0.0064 U	<0.0062 U	<0.0065 U [<0.0060 U]	<0.0062 U
Dibenz(a,h)anthracene	mg/kg	2	20	1,000	<0.0058 U [<0.0058 U]	<0.0066 U	<0.0064 U	<0.0064 U	<0.0062 U	<0.0065 U [<0.0060 U]	<0.0062 U
Fluoranthene	mg/kg	3,000	30,000	70,000	<0.0058 U [<0.0058 U]	<0.0066 U	<0.0064 U	<0.0064 U	<0.0062 U	<0.0065 U [<0.0060 U]	<0.0062 U
Fluorene	mg/kg	3,000	30,000	70,000	<0.0058 U [<0.0058 U]	<0.0066 U	<0.0064 U	<0.0064 U	<0.0062 U	<0.0065 U [<0.0060 U]	<0.0062 U
Indeno(1,2,3-cd)pyrene	mg/kg	20	200	10,000	<0.0058 U [<0.0058 U]	<0.0066 U	<0.0064 U	<0.0064 U	<0.0062 U	<0.0065 U [<0.0060 U]	<0.0062 U
Naphthalene	mg/kg	30	90	3,000	<0.0058 U [<0.0058 U]	<0.0066 U	<0.0064 U	<0.0064 U	<0.0062 U	<0.0065 U [<0.0060 U]	<0.0062 U
Phenanthrene	mg/kg	NSL	NSL	NS	<0.0058 U [<0.0058 U]	<0.0066 U	<0.0064 U	<0.0064 U	<0.0062 U	<0.0065 U [<0.0060 U]	<0.0062 U
Pyrene	mg/kg	3,000	20,000	50,000	<0.0058 U [<0.0058 U]	<0.0066 U	<0.0064 U	<0.0064 U	<0.0062 U	<0.0065 U [<0.0060 U]	<0.0062 U
Other											
Percent Moisture	%				16.0 N2 [17.2 N2]	26.6 N2	24.4 N2	23.8 N2	21.6 N2	25.0 N2 [20.8 N2]	21.2 N2

Table 3. USTs Systems Closure- Confirmation Soil Sample Laboratory Analytical Results
 UPS Terre Haute, IN
 FID #1697; INC #202404515

Location Sample Name Sample Depth (ft bgs) Sample Date	Unit	IDEM RCG 2 Long Term Residential SLs	IDEM RCG 2 Long Term Commercial SLs	IDEM RGC 2 Short Term Excavator SLs	W-SW-02 W-SW-02 (6.5') 6.5 4/17/2024	W-SW-03 W-SW-03 (7') 7 4/17/2024	W-SW-04 W-SW-04 (7') 7 4/17/2024	N-SW-01 N-SW-01 (7') 7 4/17/2024	E-SW-01 E-SW-01 (7') 7 4/18/2024	E-SW-02 E-SW-02 (7') 7 4/18/2024	E-SW-03 E-SW-03 (7') 7 4/18/2024	E-SW-04 E-SW-04 (7') 7 4/18/2024	E-SW-05 E-SW-05 (7') 7 4/18/2024	UNL-DSP/PL UNL-DSP/PL (3') 3 4/18/2024
Metals														
Lead	mg/kg	400	800	1,000	8.5	8.6	10.9	9.9	8.5	7.8	11.3	8.6	9.3	10.6
VOCs														
1,1,1,2-Tetrachloroethane	mg/kg	NSL	NSL	700	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
1,1,1-Trichloroethane	mg/kg	NSL	NSL	600	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
1,1,2,2-Tetrachloroethane	mg/kg	NSL	NSL	2,000	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
1,1,2-Trichloroethane	mg/kg	NSL	NSL	30	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
1,1-Dichloroethane	mg/kg	NSL	NSL	2,000	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
1,1-Dichloroethene	mg/kg	NSL	NSL	1,000	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
1,1-Dichloropropene	mg/kg	NSL	NSL	NSL	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
1,2,3-Trichlorobenzene	mg/kg	90	900	2,000	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
1,2,3-Trichloropropane	mg/kg	NSL	NSL	50	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
1,2,4-Trichlorobenzene	mg/kg	80	300	400	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
1,2,4-Trimethylbenzene	mg/kg	NSL	NSL	200	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
1,2-Dibromoethane	mg/kg	NSL	NSL	200	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
1,2-Dichlorobenzene	mg/kg	NSL	NSL	400	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
1,2-Dichloroethane	mg/kg	NSL	NSL	700	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
1,2-Dichloropropane	mg/kg	NSL	NSL	400	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
1,3,5-Trimethylbenzene	mg/kg	NSL	NSL	200	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
1,3-Dichlorobenzene	mg/kg	NSL	NSL	NSL	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
1,3-Dichloropropane	mg/kg	NSL	NSL	1,000	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
1,4-Dichlorobenzene	mg/kg	NSL	NSL	20,000	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
2,2-Dichloropropane	mg/kg	NSL	NSL	NSL	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
2-Butanone (MEK)	mg/kg	NSL	NSL	30,000	<0.0259 U	<0.0299 U	<0.0287 U	<0.0285 U	<0.0286 U	<0.0304 U	<0.0263 U	<0.0287 U	<0.0292 U	<0.0256 U
2-Chlorotoluene	mg/kg	NSL	NSL	900	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
4-Chlorotoluene	mg/kg	NSL	NSL	300	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
4-Methyl-2-Pentanone	mg/kg	NSL	NSL	3,000	<0.0259 U	<0.0299 U	<0.0287 U	<0.0285 U	<0.0286 U	<0.0304 U	<0.0263 U	<0.0287 U	<0.0292 U	<0.0256 U
Acetone	mg/kg	NSL	NSL	100,000	<0.104 U	<0.12 U	<0.115 U	<0.114 U	<0.114 U	<0.122 U	<0.105 U	<0.115 U	<0.117 U	<0.102 U
Acrolein	mg/kg	NSL	NSL	3	<0.104 U	<0.12 U	<0.115 U	<0.114 U	<0.114 U	<0.122 U	<0.105 U	<0.115 U	<0.117 U	<0.102 U
Acrylonitrile	mg/kg	NSL	NSL	300	<0.104 U	<0.12 U	<0.115 U	<0.114 U	<0.114 U	<0.122 U	<0.105 U	<0.115 U	<0.117 U	<0.102 U
Benzene	mg/kg	NSL	NSL	2,000	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Bromobenzene	mg/kg	NSL	NSL	700	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Bromochloromethane	mg/kg	NSL	NSL	4,000	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Bromodichloromethane	mg/kg	NSL	NSL	900	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Bromoform	mg/kg	NSL	NSL	900	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Bromomethane	mg/kg	NSL	NSL	200	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Carbon Disulfide	mg/kg	NSL	NSL	700	<0.0104 U	<0.0120 U	<0.0115 U	<0.0114 U	<0.0114 U	<0.0122 U	<0.0105 U	<0.0115 U	<0.0117 U	<0.0102 U
Carbon Tetrachloride	mg/kg	NSL	NSL	500	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
CFC-11	mg/kg	NSL	NSL	1,000	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
CFC-12	mg/kg	NSL	NSL	800	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Chlorobenzene	mg/kg	NSL	NSL	800	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Chlorodibromomethane	mg/kg	NSL	NSL	800	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Chloroethane	mg/kg	NSL	NSL	2,000	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Chloroform	mg/kg	NSL	NSL	2,000	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Chloromethane	mg/kg	NSL	NSL	1,000	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
cis-1,2-Dichloroethene	mg/kg	NSL	NSL	1,000	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U

Table 3. USTs Systems Closure- Confirmation Soil Sample Laboratory Analytical Results
 UPS Terre Haute, IN
 FID #1697; INC #202404515

Location Sample Name Sample Depth (ft bgs) Sample Date	Unit	IDEM RCG 2 Long Term Residential SLs	IDEM RCG 2 Long Term Commercial SLs	IDEM RGC 2 Short Term Excavator SLs	W-SW-02 W-SW-02 (6.5') 6.5 4/17/2024	W-SW-03 W-SW-03 (7') 7 4/17/2024	W-SW-04 W-SW-04 (7') 7 4/17/2024	N-SW-01 N-SW-01 (7') 7 4/17/2024	E-SW-01 E-SW-01 (7') 7 4/18/2024	E-SW-02 E-SW-02 (7') 7 4/18/2024	E-SW-03 E-SW-03 (7') 7 4/18/2024	E-SW-04 E-SW-04 (7') 7 4/18/2024	E-SW-05 E-SW-05 (7') 7 4/18/2024	UNL-DSP/PL UNL-DSP/PL (3') 3 4/18/2024
cis-1,3-Dichloropropene	mg/kg	NSL	NSL	NSL	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Cymene (p-Isopropyltoluene)	mg/kg	NSL	NSL	NSL	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Dibromomethane	mg/kg	NSL	NSL	600	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Dichloromethane	mg/kg	NSL	NSL	3,000	<0.0207 U	<0.0239 U	<0.0230 U	<0.0228 U	<0.0229 U	<0.0243 U	<0.0210 U	<0.0230 U	<0.0234 U	<0.0205 U
Ethyl Methacrylate	mg/kg	NSL	NSL	1,000	<0.104 U	<0.12 U	<0.115 U	<0.114 U	<0.114 U	<0.122 U	<0.105 U	<0.115 U	<0.117 U	<0.102 U
Ethylbenzene	mg/kg	NSL	NSL	500	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Hexachloro-1,3-butadiene	mg/kg	20	20	20	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Hexane	mg/kg	NSL	NSL	100	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Iodomethane	mg/kg	NSL	NSL	NSL	<0.104 U	<0.12 U	<0.115 U	<0.114 U	<0.114 U	<0.122 U	<0.105 U	<0.115 U	<0.117 U	<0.102 U
Isopropylbenzene	mg/kg	NSL	NSL	300	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Methyl N-Butyl Ketone (2-Hexanone)	mg/kg	NSL	NSL	3,000	<0.104 U	<0.12 U	<0.115 U	<0.114 U	<0.114 U	<0.122 U	<0.105 U	<0.115 U	<0.117 U	<0.102 U
Methyl-tert-butylether	mg/kg	NSL	NSL	9,000	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
n-Butylbenzene	mg/kg	NSL	NSL	100	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
n-Propylbenzene	mg/kg	NSL	NSL	300	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
sec-Butylbenzene	mg/kg	NSL	NSL	100	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Styrene (Monomer)	mg/kg	NSL	NSL	900	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
tert-Butylbenzene	mg/kg	NSL	NSL	200	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Tetrachloroethene	mg/kg	NSL	NSL	200	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Toluene	mg/kg	NSL	NSL	800	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Total Xylenes	mg/kg	NSL	NSL	300	<0.0104 U	<0.0120 U	<0.0115 U	<0.0114 U	<0.0114 U	<0.0122 U	<0.0105 U	<0.0115 U	<0.0117 U	<0.0102 U
trans-1,2-Dichloroethene	mg/kg	NSL	NSL	2,000	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
trans-1,3-Dichloropropene	mg/kg	NSL	NSL	NSL	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
trans-1,4-Dichloro-2-butene	mg/kg	NSL	NSL	40	<0.104 U	<0.12 U	<0.115 U	<0.114 U	<0.114 U	<0.122 U	<0.105 U	<0.115 U	<0.117 U	<0.102 U
Trichloroethene	mg/kg	NSL	NSL	100	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
Vinyl acetate	mg/kg	NSL	NSL	3,000	<0.104 U	<0.12 U	<0.115 U	<0.114 U	<0.114 U	<0.122 U	<0.105 U	<0.115 U	<0.117 U	<0.102 U
Vinyl chloride	mg/kg	NSL	NSL	1,000	<0.0052 U	<0.0060 U	<0.0057 U	<0.0057 U	<0.0057 U	<0.0061 U	<0.0053 U	<0.0057 U	<0.0058 U	<0.0051 U
PAHs SIM														
1-Methylnaphthalene	mg/kg	300	400	400	<0.0058 U	<0.0064 U	<0.0061 U	<0.0063 U	<0.0062 U	<0.0061 U	<0.0061 U	<0.0061 U	<0.0063 U	<0.0059 U
2-Methylnaphthalene	mg/kg	300	3,000	7,000	<0.0058 U	<0.0064 U	<0.0061 U	<0.0063 U	<0.0062 U	<0.0061 U	<0.0061 U	<0.0061 U	<0.0063 U	<0.0059 U
Acenaphthene	mg/kg	5,000	50,000	100,000	<0.0058 U	<0.0064 U	<0.0061 U	<0.0063 U	<0.0062 U	<0.0061 U	<0.0061 U	<0.0061 U	<0.0063 U	<0.0059 U
Acenaphthylene	mg/kg	NSL	NSL	NSL	<0.0058 U	<0.0064 U	<0.0061 U	<0.0063 U	<0.0062 U	<0.0061 U	<0.0061 U	<0.0061 U	<0.0063 U	<0.0059 U
Anthracene	mg/kg	30,000	100,000	100,000	<0.0058 U	<0.0064 U	<0.0061 U	<0.0063 U	<0.0062 U	<0.0061 U	<0.0061 U	<0.0061 U	<0.0063 U	<0.0059 U
Benz(a)anthracene	mg/kg	20	200	10,000	<0.0058 U	<0.0064 U	<0.0061 U	<0.0063 U	<0.0062 U	<0.0061 U	<0.0061 U	<0.0061 U	<0.0063 U	<0.0059 U
Benzo(a)pyrene	mg/kg	2	20	500	<0.0058 U	<0.0064 U	<0.0061 U	<0.0063 U	<0.0062 U	<0.0061 U	<0.0061 U	<0.0061 U	<0.0063 U	<0.0059 U
Benzo(b)fluoranthene	mg/kg	20	200	10,000	<0.0058 U	<0.0064 U	<0.0061 U	<0.0063 U	<0.0062 U	<0.0061 U	<0.0061 U	<0.0061 U	<0.0063 U	<0.0059 U
Benzo(g,h,i)perylene	mg/kg	NSL	NSL	NSL	<0.0058 U	<0.0064 U	<0.0061 U	<0.0063 U	<0.0062 U	<0.0061 U	<0.0061 U	<0.0061 U	<0.0063 U	<0.0059 U
Benzo(k)fluoranthene	mg/kg	200	2,000	100,000	<0.0058 U	<0.0064 U	<0.0061 U	<0.0063 U	<0.0062 U	<0.0061 U	<0.0061 U	<0.0061 U	<0.0063 U	<0.0059 U
Chrysene	mg/kg	2,000	20,000	100,000	<0.0058 U	<0.0064 U	<0.0061 U	<0.0063 U	<0.0062 U	<0.0061 U	<0.0061 U	<0.0061 U	<0.0063 U	<0.0059 U
Dibenz(a,h)anthracene	mg/kg	2	20	1,000	<0.0058 U	<0.0064 U	<0.0061 U	<0.0063 U	<0.0062 U	<0.0061 U	<0.0061 U	<0.0061 U	<0.0063 U	<0.0059 U
Fluoranthene	mg/kg	3,000	30,000	70,000	<0.0058 U	<0.0064 U	<0.0061 U	<0.0063 U	<0.0062 U	<0.0061 U	<0.0061 U	<0.0061 U	<0.0063 U	<0.0059 U
Fluorene	mg/kg	3,000	30,000	70,000	<0.0058 U	<0.0064 U	<0.0061 U	<0.0063 U	<0.0062 U	<0.0061 U	<0.0061 U	<0.0061 U	<0.0063 U	<0.0059 U
Indeno(1,2,3-cd)pyrene	mg/kg	20	200	10,000	<0.0058 U	<0.0064 U	<0.0061 U	<0.0063 U	<0.0062 U	<0.0061 U	<0.0061 U	<0.0061 U	<0.0063 U	<0.0059 U
Naphthalene	mg/kg	30	90	3,000	<0.0058 U	<0.0064 U	<0.0061 U	0.0079	<0.0062 U	<0.0061 U	<0.0061 U	<0.0061 U	<0.0063 U	<0.0059 U
Phenanthrene	mg/kg	NSL	NSL	NS	<0.0058 U	<0.0064 U	<0.0061 U	<0.0063 U	<0.0062 U	<0.0061 U	<0.0061 U	<0.0061 U	<0.0063 U	<0.0059 U
Pyrene	mg/kg	3,000	20,000	50,000	<0.0058 U	<0.0064 U	<0.0061 U	<0.0063 U	<0.0062 U	<0.0061 U	<0.0061 U	<0.0061 U	<0.0063 U	<0.0059 U
Other														
Percent Moisture	%				19.2 N2	24.7 N2	21.6 N2	23.2 N2	22.9 N2	19.4 N2	20.6 N2	22.2 N2	22.5 N2	17.8 N2

Table 3. USTs Systems Closure- Confirmation Soil Sample Laboratory Analytical Results
 UPS Terre Haute, IN
 FID #1697; INC #202404515

Location Sample Name Sample Depth (ft bgs) Sample Date	Unit	IDEM RCG 2 Long Term Residential SLs	IDEM RCG 2 Long Term Commercial SLs	IDEM RGC 2 Short Term Excavator SLs	UNL-DSP-E UNL-DSP-E (4') 4	DSL-DSP/PL DSL-DSP/PL (3') 3	DSL-DSP-E DSL-DSP-E (3.5') 3.5	B-1 B-1 (3-4) 3-4	B-1 B-1 (12.5-15) 12.5-15	QAQC TRIP BLANK-01 (041724)	QAQC TRIP BLANK-02 (041824)
					4/18/2024	4/18/2024	4/18/2024	4/26/2024	4/26/2024	4/17/2024	4/18/2024
Metals											
Lead	mg/kg	400	800	1,000	9.3	15.3	12.7 [18.4]	16.1	7.9	NA	NA
VOCs											
1,1,1,2-Tetrachloroethane	mg/kg	NSL	NSL	700	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
1,1,1-Trichloroethane	mg/kg	NSL	NSL	600	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
1,1,2,2-Tetrachloroethane	mg/kg	NSL	NSL	2,000	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
1,1,2-Trichloroethane	mg/kg	NSL	NSL	30	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
1,1-Dichloroethane	mg/kg	NSL	NSL	2,000	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
1,1-Dichloroethene	mg/kg	NSL	NSL	1,000	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
1,1-Dichloropropene	mg/kg	NSL	NSL	NSL	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
1,2,3-Trichlorobenzene	mg/kg	90	900	2,000	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
1,2,3-Trichloropropane	mg/kg	NSL	NSL	50	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
1,2,4-Trichlorobenzene	mg/kg	80	300	400	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
1,2,4-Trimethylbenzene	mg/kg	NSL	NSL	200	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
1,2-Dibromoethane	mg/kg	NSL	NSL	200	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
1,2-Dichlorobenzene	mg/kg	NSL	NSL	400	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
1,2-Dichloroethane	mg/kg	NSL	NSL	700	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
1,2-Dichloropropane	mg/kg	NSL	NSL	400	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
1,3,5-Trimethylbenzene	mg/kg	NSL	NSL	200	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
1,3-Dichlorobenzene	mg/kg	NSL	NSL	NSL	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
1,3-Dichloropropane	mg/kg	NSL	NSL	1,000	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
1,4-Dichlorobenzene	mg/kg	NSL	NSL	20,000	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
2,2-Dichloropropane	mg/kg	NSL	NSL	NSL	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
2-Butanone (MEK)	mg/kg	NSL	NSL	30,000	<0.0285 U	<0.0276 U	<0.0274 U [<0.0306 U]	<0.0276 U	<0.0273 U	<0.0250 U	<0.0250 U
2-Chlorotoluene	mg/kg	NSL	NSL	900	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
4-Chlorotoluene	mg/kg	NSL	NSL	300	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
4-Methyl-2-Pentanone	mg/kg	NSL	NSL	3,000	<0.0285 U	<0.0276 U	<0.0274 U [<0.0306 U]	<0.0276 U	<0.0273 U	<0.0250 U	<0.0250 U
Acetone	mg/kg	NSL	NSL	100,000	<0.114 U	<0.11 U	<0.11 U [<0.122 U]	<0.11 U	<0.109 U	<0.1 U	<0.1 U
Acrolein	mg/kg	NSL	NSL	3	<0.114 U	<0.11 U	<0.11 U [<0.122 U]	<0.11 U	<0.109 U	<0.1 U	<0.1 U
Acrylonitrile	mg/kg	NSL	NSL	300	<0.114 U	<0.11 U	<0.11 U [<0.122 U]	<0.11 U	<0.109 U	<0.1 U	<0.1 U
Benzene	mg/kg	NSL	NSL	2,000	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Bromobenzene	mg/kg	NSL	NSL	700	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Bromochloromethane	mg/kg	NSL	NSL	4,000	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Bromodichloromethane	mg/kg	NSL	NSL	900	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Bromoform	mg/kg	NSL	NSL	900	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Bromomethane	mg/kg	NSL	NSL	200	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Carbon Disulfide	mg/kg	NSL	NSL	700	<0.0114 U	<0.0110 U	<0.0110 U [<0.0122 U]	<0.0110 U	<0.0109 U	<0.0100 U	<0.0100 U
Carbon Tetrachloride	mg/kg	NSL	NSL	500	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
CFC-11	mg/kg	NSL	NSL	1,000	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
CFC-12	mg/kg	NSL	NSL	800	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Chlorobenzene	mg/kg	NSL	NSL	800	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Chlorodibromomethane	mg/kg	NSL	NSL	800	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Chloroethane	mg/kg	NSL	NSL	2,000	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Chloroform	mg/kg	NSL	NSL	2,000	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Chloromethane	mg/kg	NSL	NSL	1,000	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
cis-1,2-Dichloroethene	mg/kg	NSL	NSL	1,000	<0.0057 U	<0.0055 U	<0.0055 U [<0.0061 U]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U

Table 3. USTs Systems Closure- Confirmation Soil Sample Laboratory Analytical Results
 UPS Terre Haute, IN
 FID #1697; INC #202404515

Location Sample Name Sample Depth (ft bgs) Sample Date	Unit	IDEM RCG 2 Long Term Residential SLs	IDEM RCG 2 Long Term Commercial SLs	IDEM RGC 2 Short Term Excavator SLs	UNL-DSP-E UNL-DSP-E (4') 4	DSL-DSP/PL DSL-DSP/PL (3') 3	DSL-DSP-E DSL-DSP-E (3.5') 3.5	B-1 B-1 (3-4) 3-4	B-1 B-1 (12.5-15) 12.5-15	QAQC TRIP BLANK-01 (041724)	QAQC TRIP BLANK-02 (041824)
					4/18/2024	4/18/2024	4/18/2024	4/26/2024	4/26/2024	4/17/2024	4/18/2024
cis-1,3-Dichloropropene	mg/kg	NSL	NSL	NSL	<0.0057 U	<0.0055 U	<0.0055 U [<u><0.0061 U</u>]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Cymene (p-Isopropyltoluene)	mg/kg	NSL	NSL	NSL	<0.0057 U	<0.0055 U	<0.0055 U [<u><0.0061 U</u>]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Dibromomethane	mg/kg	NSL	NSL	600	<0.0057 U	<0.0055 U	<0.0055 U [<u><0.0061 U</u>]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Dichloromethane	mg/kg	NSL	NSL	3,000	<0.0228 U	<0.0221 U	<0.0220 U [<u><0.0245 U</u>]	<0.0221 U	<0.0218 U	<0.0200 U	<0.0200 U
Ethyl Methacrylate	mg/kg	NSL	NSL	1,000	<0.114 U	<0.11 U	<0.11 U [<u><0.122 U</u>]	<0.11 U	<0.109 U	<0.1 U	<0.1 U
Ethylbenzene	mg/kg	NSL	NSL	500	<0.0057 U	<0.0055 U	<0.0055 U [<u><0.0061 U</u>]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Hexachloro-1,3-butadiene	mg/kg	20	20	20	<0.0057 U	<0.0055 U	<0.0055 U [<u><0.0061 U</u>]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Hexane	mg/kg	NSL	NSL	100	<0.0057 U	<0.0055 U	<0.0055 U [<u><0.0061 U</u>]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Iodomethane	mg/kg	NSL	NSL	NSL	<0.114 U	<0.11 U	<0.11 U [<u><0.122 U</u>]	<0.11 U	<0.109 U	<0.1 U	<0.1 U
Isopropylbenzene	mg/kg	NSL	NSL	300	<0.0057 U	<0.0055 U	<0.0055 U [<u><0.0061 U</u>]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Methyl N-Butyl Ketone (2-Hexanone)	mg/kg	NSL	NSL	3,000	<0.114 U	<0.11 U	<0.11 U [<u><0.122 U</u>]	<0.11 U	<0.109 U	<0.1 U	<0.1 U
Methyl-tert-butylether	mg/kg	NSL	NSL	9,000	<0.0057 U	<0.0055 U	<0.0055 U [<u><0.0061 U</u>]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
n-Butylbenzene	mg/kg	NSL	NSL	100	<0.0057 U	<0.0055 U	<0.0055 U [<u><0.0061 U</u>]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
n-Propylbenzene	mg/kg	NSL	NSL	300	<0.0057 U	<0.0055 U	<0.0055 U [<u><0.0061 U</u>]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
sec-Butylbenzene	mg/kg	NSL	NSL	100	<0.0057 U	<0.0055 U	<u>0.0114</u> [<u>0.0109</u>]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Styrene (Monomer)	mg/kg	NSL	NSL	900	<0.0057 U	<0.0055 U	<0.0055 U [<u><0.0061 U</u>]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
tert-Butylbenzene	mg/kg	NSL	NSL	200	<0.0057 U	<0.0055 U	<0.0055 U [<u><0.0061 U</u>]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Tetrachloroethene	mg/kg	NSL	NSL	200	<0.0057 U	<0.0055 U	<0.0055 U [<u><0.0061 U</u>]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Toluene	mg/kg	NSL	NSL	800	<0.0057 U	<0.0055 U	<0.0055 U [<u><0.0061 U</u>]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Total Xylenes	mg/kg	NSL	NSL	300	<0.0114 U	<0.0110 U	<0.0110 U [<u><0.0122 U</u>]	<0.0110 U	<0.0109 U	<0.0100 U	<0.0100 U
trans-1,2-Dichloroethene	mg/kg	NSL	NSL	2,000	<0.0057 U	<0.0055 U	<0.0055 U [<u><0.0061 U</u>]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
trans-1,3-Dichloropropene	mg/kg	NSL	NSL	NSL	<0.0057 U	<0.0055 U	<0.0055 U [<u><0.0061 U</u>]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
trans-1,4-Dichloro-2-butene	mg/kg	NSL	NSL	40	<0.114 U	<0.11 U	<0.11 U [<u><0.122 U</u>]	<0.11 U	<0.109 U	<0.1 U	<0.1 U
Trichloroethene	mg/kg	NSL	NSL	100	<0.0057 U	<0.0055 U	<0.0055 U [<u><0.0061 U</u>]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
Vinyl acetate	mg/kg	NSL	NSL	3,000	<0.114 U	<0.11 U	<0.11 U [<u><0.122 U</u>]	<0.11 U	<0.109 U	<0.1 U	<0.1 U
Vinyl chloride	mg/kg	NSL	NSL	1,000	<0.0057 U	<0.0055 U	<0.0055 U [<u><0.0061 U</u>]	<0.0055 U	<0.0055 U	<0.0050 U	<0.0050 U
PAHs SIM											
1-Methylnaphthalene	mg/kg	300	400	400	<0.0062 U	<0.0060 U	<0.0064 U [<u><0.0062 U</u>]	<0.0062 U	<0.0065 U	NA	NA
2-Methylnaphthalene	mg/kg	300	3,000	7,000	<0.0062 U	<0.0060 U	<0.0064 U [<u><0.0062 U</u>]	<0.0062 U	<0.0065 U	NA	NA
Acenaphthene	mg/kg	5,000	50,000	100,000	<0.0062 U	<0.0060 U	<u>0.016</u> [<u>0.040</u>]	<0.0062 U	<0.0065 U	NA	NA
Acenaphthylene	mg/kg	NSL	NSL	NSL	<0.0062 U	<0.0060 U	<0.0064 U [<u><0.0062 U</u>]	<0.0062 U	<0.0065 U	NA	NA
Anthracene	mg/kg	30,000	100,000	100,000	<0.0062 U	<0.0060 U	<0.0064 U [<u><0.0062 U</u>]	<0.0062 U	<0.0065 U	NA	NA
Benz(a)anthracene	mg/kg	20	200	10,000	<0.0062 U	<0.0060 U	<0.0064 U [<u><0.0062 U</u>]	<0.0062 U	<0.0065 U	NA	NA
Benzo(a)pyrene	mg/kg	2	20	500	<0.0062 U	<0.0060 U	<0.0064 U [<u><0.0062 U</u>]	<0.0062 U	<0.0065 U	NA	NA
Benzo(b)fluoranthene	mg/kg	20	200	10,000	<0.0062 U	<0.0060 U	<0.0064 U [<u><0.0062 U</u>]	<0.0062 U	<0.0065 U	NA	NA
Benzo(g,h,i)perylene	mg/kg	NSL	NSL	NSL	<0.0062 U	<0.0060 U	<0.0064 U [<u><0.0062 U</u>]	<0.0062 U	<0.0065 U	NA	NA
Benzo(k)fluoranthene	mg/kg	200	2,000	100,000	<0.0062 U	<0.0060 U	<0.0064 U [<u><0.0062 U</u>]	<0.0062 U	<0.0065 U	NA	NA
Chrysene	mg/kg	2,000	20,000	100,000	<0.0062 U	<0.0060 U	<0.0064 U [<u>0.019</u>]	<0.0062 U	<0.0065 U	NA	NA
Dibenz(a,h)anthracene	mg/kg	2	20	1,000	<0.0062 U	<0.0060 U	<0.0064 U [<u><0.0062 U</u>]	<0.0062 U	<0.0065 U	NA	NA
Fluoranthene	mg/kg	3,000	30,000	70,000	<0.0062 U	<0.0060 U	<0.0064 U [<u><0.0062 U</u>]	<0.0062 U	<0.0065 U	NA	NA
Fluorene	mg/kg	3,000	30,000	70,000	<0.0062 U	<0.0060 U	<u>0.077</u> [<u>0.13</u>]	<0.0062 U	<0.0065 U	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	20	200	10,000	<0.0062 U	<0.0060 U	<0.0064 U [<u><0.0062 U</u>]	<0.0062 U	<0.0065 U	NA	NA
Naphthalene	mg/kg	30	90	3,000	<0.0062 U	<0.0060 U	<0.0064 U [<u><0.0062 U</u>]	<0.0062 U	<0.0065 U	NA	NA
Phenanthrene	mg/kg	NSL	NSL	NS	<0.0062 U	<0.0060 U	<0.0064 U [<u>0.089</u>]	<0.0062 U	<0.0065 U	NA	NA
Pyrene	mg/kg	3,000	20,000	50,000	<u>0.0077</u>	<0.0060 U	<u>0.032</u> [<u>0.068</u>]	<0.0062 U	<0.0065 U	NA	NA
Other											
Percent Moisture	%				21.3 N2	21.6 N2	22.5 N2 [22.0 N2]	23.0 N2	25.4 N2	NA	NA

Table 3. USTs Systems Closure- Confirmation Soil Sample Laboratory Analytical Results

UPS Terre Haute, IN

FID #1697; INC #202404515

NOTES:

All results were compared to the Indiana Department of Environmental Management (IDEM) Remediation Closure Guide 2 (RCG 2)

Soil Direct Contact Screening Levels for 2024

Underlined- Concentrations detected above laboratory limits.

BOLD - Concentrations detected exceeds lowest soil screening level presented in the IDEM RCG 2 Published Levels Table 1 (2024)

mg/kg- miligram per kilogram

< RL U- Indicates the analyte was analyzed for but not detected at the Reporting Limit (RL)

0.077 [0.13]- Parent Sample [Duplicate Sample]

ft- Feet

bgs- Below Ground Surface

UNL-Unleaded

DSL- Diesel

BTM- Bottom

SW- Sidewall

DSP- Dispenser

PL- Product Line

SL- Screening Level

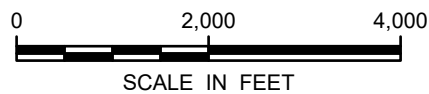
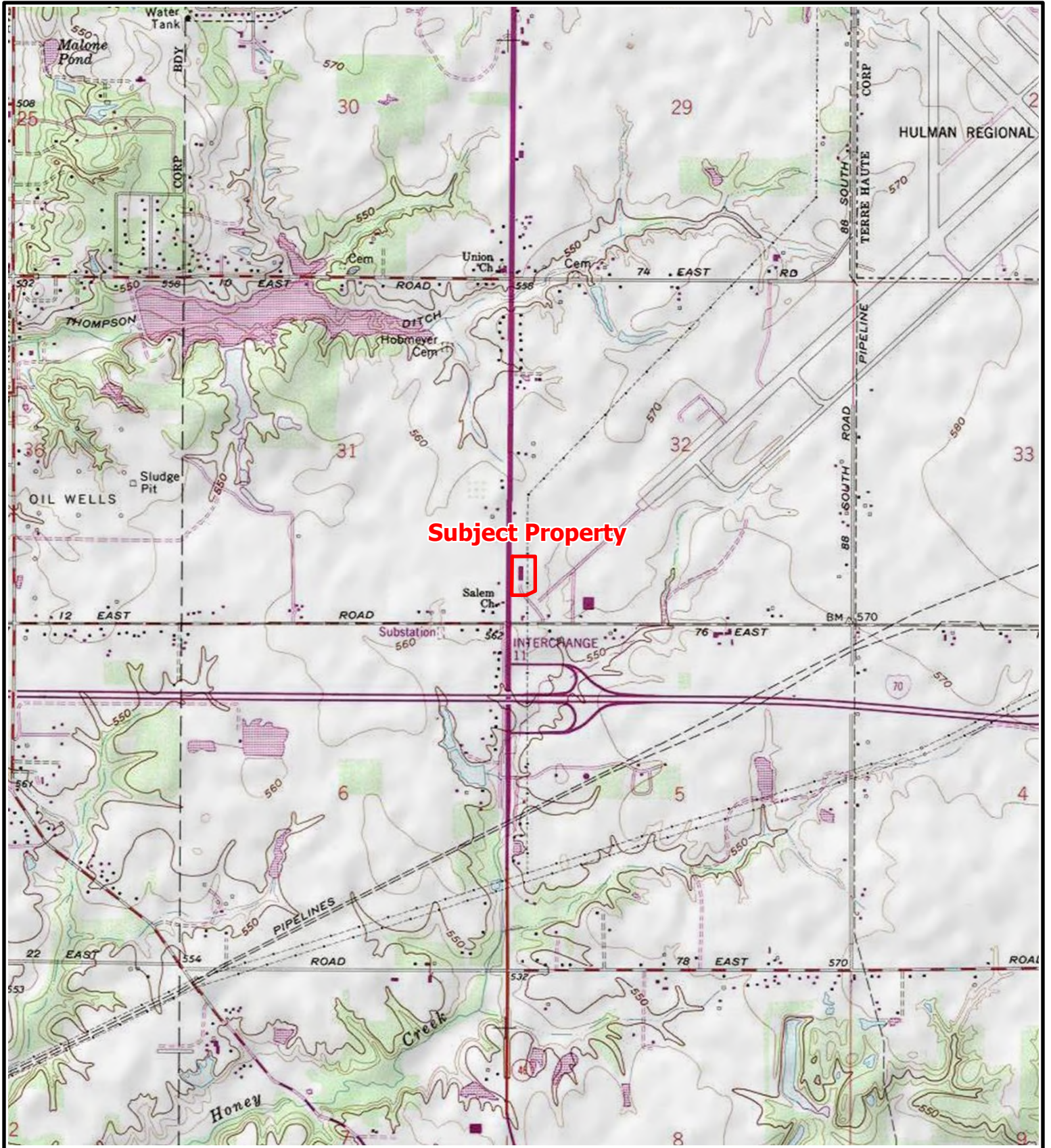
NSL- No Screening Level

S-SW location could not be safely sampled due to the end of the tank extending

at least another 8ft south past end UST. Initial attempts to

remove pea gravel caused undermining of intact concrete surface.

Figures



UPS TERRE HAUTE FACILITY
 5596 EAST MARGARET DRIVE
 VIGO COUNTY, TERRE HAUTE, INDIANA
 UST CLOSURE REPORT

SITE LOCATION MAP

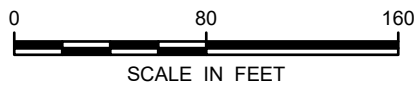


FIGURE
1



LEGEND:

 Property Boundary



UPS TERRE HAUTE FACILITY
 5596 EAST MARGARET DRIVE
 VIGO COUNTY, TERRE HAUTE, INDIANA
 UST CLOSURE REPORT

PROPERTY BOUNDARY MAP



FIGURE
2

Location/Sample ID	Depth (ft)	Laboratory Detections (mg/kg)
DSL-BTM-06 (13-14')	13-14	
VOCs		BLDL
PAHs		BLDL
Lead		6.5 [6.6]

Location/Sample ID	Depth (ft)	Laboratory Detections (mg/kg)
W-SW-04 (7')	7	
VOCs		BLDL
PAHs		BLDL
Lead		10.9

Location/Sample ID	Depth (ft)	Laboratory Detections (mg/kg)
DSL-BTM-05 (13-14')	13-14	
VOCs		BLDL
PAHs		BLDL
Lead		7.8

Location/Sample ID	Depth (ft)	Laboratory Detections (mg/kg)
DSL-BTM-04 (13-14')	13-14	
VOCs		BLDL
PAHs		BLDL
Lead		7.7

Location/Sample ID	Depth (ft)	Laboratory Detections (mg/kg)
W-SW-03 (7')	7	
VOCs		BLDL
PAHs		BLDL
Lead		8.6

Location/Sample ID	Depth (ft)	Laboratory Detections (mg/kg)
UNL-BTM-03 (13-14)	13-14	
VOCs		BLDL
PAHs		BLDL
Lead		8.1

Location/Sample ID	Depth (ft)	Laboratory Detections (mg/kg)
W-SW-02 (6.5')	6.5	
VOCs		BLDL
PAHs		BLDL
Lead		8.5

Location/Sample ID	Depth (ft)	Laboratory Detections (mg/kg)
UNL-BTM-03 (13-14)	13-14	
VOCs		BLDL
PAHs		BLDL
Lead		8.1

Location/Sample ID	Depth (ft)	Laboratory Detections (mg/kg)
E-SW-02 (7')	7	
VOCs		BLDL
PAHs		BLDL
Lead		7.8

Location/Sample ID	Depth (ft)	Laboratory Detections (mg/kg)
W-SW-01 (6')	6	
VOCs		BLDL
PAHs		BLDL
Lead		8.9

Location/Sample ID	Depth (ft)	Laboratory Detections (mg/kg)
UNL-BTM-01 (13-14')	13-14	
VOCs		BLDL
PAHs		BLDL
Lead		8.4 [7.5]

2024 IDEM RCG 2 Soil Direct Contact Screening Level (lowest limit of three exposure scenarios)		
Constituent	Units	Screening Level
Acenaphthalene	mg/kg	5,000
Fluorene	mg/kg	3,000
Naphthalene	mg/kg	30
Phenanthrene	mg/kg	NSL
Pyrene	mg/kg	3,000
Lead	mg/kg	400

2024 IDEM RCG 2- Groundwater Long Term Residential		
Constituent	Units	Screening Level
Benzene	µg/L	5
1,2,4- Trimethylbenzene	µg/L	60
Ethylbenzene	µg/L	700
Toluene	µg/L	1,000
Total Xylenes	µg/L	10,000
1- Methylnaphthalene	µg/L	10
2- Methylnaphthalene	µg/L	40
Naphthalene	µg/L	1
Lead	µg/L	15

LEGEND:
 Type
 ● Soil Samples
 ● Soil Boring B-1
 □ Former Dispenser Islands
 □ Former UST Locations
 □ Former UST System Area

Notes:
 UNL- Unleaded
 DSL- Diesel
 DSP- Dispenser
 PL- Product line
 BTM-Bottom
 SW- Sidewall
 NSL- No Screening Level
 mg/kg- Milligrams Per Kilogram
 µg/L- Micrograms per Liter

BLDL - Below Detection Limits
 VOCs - Volatile Organic Compounds
 U - The analyte was not detected in the sample at the estimated detection limit (EDL)

Location/Sample ID	Depth (ft)	Laboratory Detections (mg/kg)	Depth (ft)	Laboratory Detections (mg/kg)
B-1	3-4		12.5-15	
VOCs		BLDL		BLDL
PAHs		BLDL		BLDL
Lead		16.1		7.9

Location/Sample ID	Laboratory Detections (µg/L)
B-1 (GW)	
VOCs	BLDL
PAHs	BLDL
Lead, Total	610
Lead, Dissolved	< 10.0 U

Location/Sample ID	Depth (ft)	Laboratory Detections (mg/kg)
N-SW-01 (7')	7	
VOCs		BLDL
Naphthalene		0.0079
Lead		9.9

Location/Sample ID	Depth (ft)	Laboratory Detections (mg/kg)
E-SW-05 (7')	7	
VOCs		BLDL
PAHs		BLDL
Lead		9.5

Location/Sample ID	Depth (ft)	Laboratory Detections (mg/kg)
E-SW-04 (7')	7	
VOCs		BLDL
PAHs		BLDL
Lead		8.6

Location/Sample ID	Depth (ft)	Laboratory Detections (mg/kg)
E-SW-03 (7')	7	
VOCs		BLDL
PAHs		BLDL
Lead		11.3

Location/Sample ID	Depth (ft)	Laboratory Detections (mg/kg)
DSL-DSP/PL (3')	3	
VOCs		BLDL
PAHs		BLDL
Lead		15.3

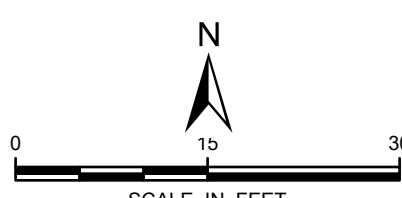
Location/Sample ID	Depth (ft)	Laboratory Detections (mg/kg)
DSL-DSP-E (3.5')	4	
VOCs		BLDL
Acenaphthalene		0.016 [0.040]
Fluorene		0.077 [0.13]
Phenanthrene		<0.0064 [0.089]
Pyrene		0.032 [0.068]
Lead		12.7 [18.4]

Location/Sample ID	Depth (ft)	Laboratory Detections (mg/kg)
UNL-DSP-E (4')	4	
VOCs		BLDL
Pyrene		0.0077
Lead		9.3

Location/Sample ID	Depth (ft)	Laboratory Detections (mg/kg)
UNL-DSP/PL (3')	3	
VOCs		BLDL
PAHs		BLDL
Lead		10.6

Location/Sample ID	Depth (ft)	Laboratory Detections (mg/kg)
E-SW-01 (7')	7	
VOCs		BLDL
PAHs		BLDL
Lead		8.5

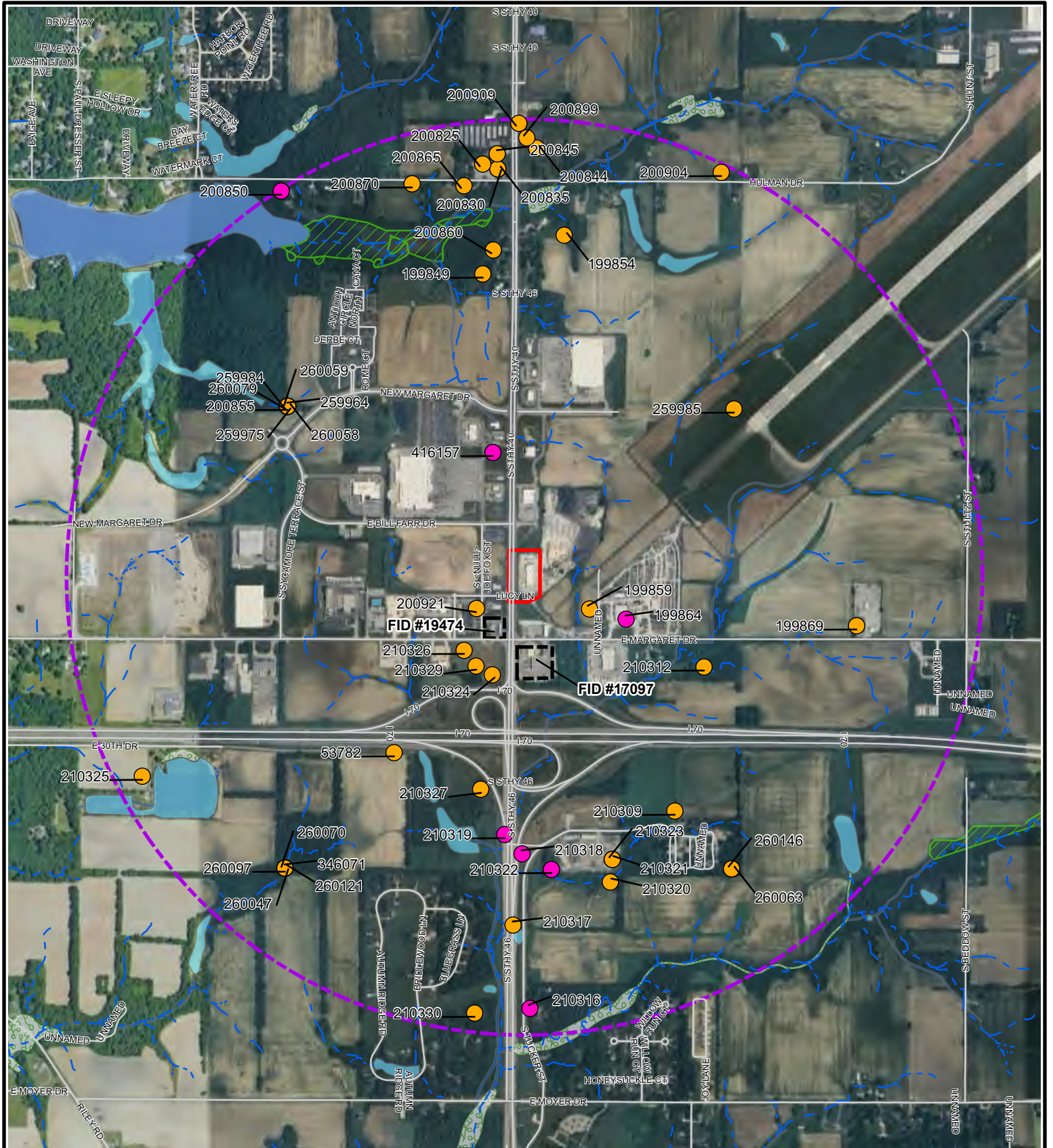
Location/Sample ID	Laboratory Detections (µg/L)
Tank Pit Water	
VOCs	
Benzene	33.2 [31.9]
1,2,4-Trimethylbenzene	16.0 [15.2]
Ethylbenzene	11.1 [10.9]
Toluene	79.4 [76.6]
Total Xylenes	65.8 [63.2]
PAHs	
1-Methylnaphthalene	4.0 [3.5]
2-Methylnaphthalene	4.8 [1.7]
Naphthalene	3.2 [<1.0 U]
Lead, Total	< 10.0 U [14.4]



UPS TERRE HAUTE FACILITY
 5596 EAST MARGARET DRIVE
 VIGO COUNTY, TERRE HAUTE, INDIANA
UST CLOSURE REPORT

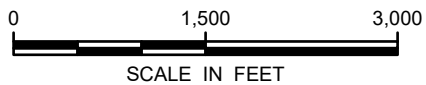
**CONFIRMATION SAMPLING
 DETECTIONS ONLY**





LEGEND:

- Property Boundary
- Gas Station
- 1 Mile Radius
- Boreholes Drilled to Bedrock
- Unconsolidated Wells or Unspecified Well Type
- Stream/River
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Riverine



UPS TERRE HAUTE FACILITY
5596 EAST MARGARET DRIVE
VIGO COUNTY, TERRE HAUTE, INDIANA
UST CLOSURE REPORT

**SURROUNDING PROPERTIES,
SENSITIVE RECEPTORS**

ATTACHMENT A

Section T Additional Comments:

The UST Closure Form Area for detailed comments “fill-in” function was not working.

The excavated backfill was mainly pea gravel and minor pieces of asphalt and concrete. Due to the lack of free-product or staining observed on pea gravel from USTs system removal, field screening of the backfill pea gravel was completed with a Photoionization Detector (PID) (no lab testing). A total of 10 grab samples of pea gravel were collected from different areas around the stockpiled pea gravel, placed into sealed baggies to allow for volatilization and then screened with a PID. The PID field screening results are summarized in Table 1 and did not exhibit detections greater than instrument interference / background.

Attachment 1

Leak Detection Systems Description, Leak Detection System Testing Results, No Tank or Line Tightness Testing Discussion

Leak Detection System

mFID No: 1697

UPS Terre Haute, IN

5596 E Margaret Dr

Terre Haute, IN. 47803

Diesel UST System

UST: Automatic Tank Gauging- Veeder Root TLS 350, Leak Detection Testing

Piping: Veeder Root TLS, Line Leak Detection Testing

Tank & Line Tightness Data

There was no Tank or Line Tightness test data due to no leaks being detected prior to UPS deciding in January 2023 to discontinue operating and maintaining USTs at Terre Haute Facility (FID 1697), empty the tanks, and go into temporary closure until the removal of the UST system was completed.

SEMI ANNUAL/ANNUAL STORAGE TANK INSPECTION CHECKLIST

Facility: Terre Haute

Company Performing PMI: R.S. Maintenance Date: 3-14-22 Semi-Annual PMI Annual PMI

Instructions:

1. The following tanks require a semi-annual PMI:
 - a. All underground storage tanks
 - b. All aboveground storage tanks storing fuel
2. Storage tanks at Freight facilities only require an annual inspection

Fuel Facility Information (Use one PMI Checklist per Monitoring Console)





UPS FMS Online ID: S700463

Fuel Facility Name: <u>INTER</u>						
Monitoring Console Type: <u>Verder Root</u>						
Monitoring Console Software Version: <u>7LS350</u>						
Tank # <u>1</u>	Product Type (Gas, Diesel, Etc)	# of Dispensers	Tank Type (Double-wall, Single-wall)	Tank Construction (Steel, FRP)	Piping Type (Double-wall, Single-wall)	Piping Construction (Steel, FRP)
	<u>Gas</u>	<u>4</u>	<u>Single</u>	<u>FRP</u>	<u>Double</u>	<u>FRP</u>
Tank # <u>2</u>	<u>Diesel</u>	<u>2 main 1 sat</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>
Tank # <u> </u>						
Tank # <u> </u>						
Tank # <u> </u>						

SEMI ANNUAL/ANNUAL STORAGE TANK INSPECTION CHECKLIST





Facility: _____

Monitoring Console - Monitoring consoles are required for all underground storage tanks.
 Mark questions n/a for aboveground tanks with no monitoring consoles.

				Comments
1. Obtain print out status of all tanks and attach to this form.		<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A		
2. Verify console is operating properly, no alarms present and no lamps are burnt out. Provide any alarm details in comment section.		<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A		
3. Verify the following setup parameters in the monitoring console; <ul style="list-style-type: none"> • Is the "High Water Warning set to 1.0"? • Is the "High Water Alarm" set to 2.0"? *NOTE* Mark this question n/a for Freight facilities		<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A		
4. Check supply of print paper and replenish if required. Are the monitoring console and conduits securely mounted?		<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A		




SEMI ANNUAL/ANNUAL STORAGE TANK INSPECTION CHECKLIST

Facility: _____

Fuel Facility Console		Comments
<p>5. Open the console. Is there one timer per dispenser?</p> <ul style="list-style-type: none"> • Gasoline timers should be set at 3 minutes • Diesel-Package timers should be set at 5 minutes (This requirement is for any diesel dispenser that a package car uses). • Diesel-Feeder timers can be set to a maximum of 8 minutes (This is only for diesel dispenser that are Feeder-use only). <p><i>*NOTE* Mark this question n/a for Freight facilities</i></p>		<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A
<p>6. If the console is equipped with a seven day timer, is it set to the correct time?</p>		<input type="checkbox"/> OK <input type="checkbox"/> Not OK <input checked="" type="checkbox"/> N/A
<p>7. Is there a single motor starter for each submersible or suction pump in the system and is each motor protected with the correct size heaters?</p> <p><i>*NOTE* Mark this question n/a for Freight facilities</i></p>		<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A
<p>8. Is the fuel facility console and associated conduits securely mounted? Verify emergency shut off switch located on the console operates properly (it is acceptable for the lighting to remain on)?</p> <p><i>*NOTE* Mark this question n/a for Freight facilities</i></p>		<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A

SEMI ANNUAL/ANNUAL STORAGE TANK INSPECTION CHECKLIST

Facility: _____

Fill Assembly		Comments
<p>9. Is the product type clearly identified on the outside of the fill manhole? (Painted manhole lids AND stenciling or concrete-embedded marker).</p> <p>Manhole colors: Yellow = On Road Diesel White/Black cross = Unleaded Green = Off-Road Diesel</p> <p><i>*Note - aboveground tanks should have the tank labeled and the fill labeled as to the type of product</i></p>		<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A
<p>10. Is the spill container watertight and free of debris and liquid? Does the drain valve operate? Is there a warning sign mounted on the riser indicating the tank is equipped with an overflow prevention valve? Is the fill cap locked?</p> <p>2018 EPA requirements – Single wall spill buckets shall be hydrostatical, vacuum, or pressure tested every 3 years. Double wall spill buckets do not require testing if monitored at least every 30 days on walk-through inspections.</p> <p><i>*Note - a drain valve is not required, but preferred. If a drain valve is not present, a process must be in place to manually remove any product/water from the spill buckets and to properly dispose of the product/water.</i></p>		<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A
<p>11. Unlock, remove and inspect the cap and gasket. Is an overflow prevention valve installed, and not damaged? Attempt to unscrew tight fill adapter by hand to verify a tight installation (Visually look in fill tube to verify overflow protection valve).</p> <p>2018 EPA requirements – Overflow valve must be inspected/ tested every 3 years.</p> <p><i>*Note - For Freight locations, only one method of overflow prevention is required. A ball float valve is not acceptable. The contractor must verify the tank is equipped with overflow prevention.</i></p>		<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A

SEMI ANNUAL/ANNUAL STORAGE TANK INSPECTION CHECKLIST

Facility: _____

Vapor Recovery Assembly

Comments

12. Is the manhole lid painted orange? Is the spill container watertight and free of debris and liquid? Is the cap locked? Unlock and inspect cap and gasket. Attempt to unscrew adapter by hand to verify a tight installation. (For manholes equipped with drain in the spill container, verify proper operation)

2018 EPA requirements – Single wall spill buckets shall be hydrostatical, vacuum, or pressure tested every 3 years. Double wall spill buckets do not require testing if monitored at least every 30 days on walk-through inspections.



OK
 Not OK
 N/A

**Note - aboveground tanks should have the vapor recovery labeled.*

Hydrostatic Monitoring Reservoir - Underground Double Wall Fiberglass Tanks Only

Comments

13. Remove manhole cover, is manhole free of debris? Are electrical terminations sound? Is the riser cap vented?



OK
 Not OK
 N/A

Diesel Junction box broken of from conduit. Junction box cover rusted and cannot be opened

14. Remove cap from riser and lift sensor from reservoir. Is the sensor resting on bottom of reservoir and fluid level about 1/2 way between high and low level floats on sensor?

OK
 Not OK
 N/A

15. Allow interstitial solution to drain from sensor. Remove sensor and test for operation. Does the console alarm for both a high/low level alarm (if applicable). Obtain printout from monitoring console and attach to inspection form.



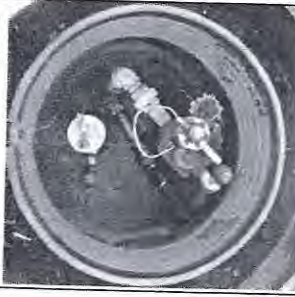



OK
 Not OK
 N/A

Diesel sensor has been disconnected due to out alarms. Junction box and conduit needs repaired by electrician




SEMI ANNUAL/ANNUAL STORAGE TANK INSPECTION CHECKLIST

Facility: _____

Automatic Tank Gauge Assembly		Comments
<p>16. Remove manhole cover. Is the manhole free of debris? Are all electrical connections undamaged? Do not remove the Automatic Tank Gauge during this inspection. *Note – May be located inside turbine enclosure.</p>		<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A
Observation Wells - If Applicable, does not include monitoring wells		
<p>17. Verify the observation well is clearly identified. (painted manhole AND stenciling or marking) Remove manhole cover; is the manhole free of debris? Verify that security bars and cap are in place.</p>		<input type="checkbox"/> OK <input type="checkbox"/> Not OK <input checked="" type="checkbox"/> N/A
Piping Sump, Turbine Enclosure or Transition Sump - Power must be on to test the system properly		
Comments		
<p>18. Remove manhole cover. Is the sump area free of debris and accumulated run-off? Remove piping sump or turbine enclosure cover. Is the sump clean and dry? 2018 EPA requirements – Single wall sumps shall be hydrostatical, vacuum, or pressure tested every 3 years. <i>*Note - If the tank does not have a piping sump, mark question N/A. All steel components must have corrosion protection. See corrosion protection section.</i></p>		<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A
<p>19. Is the submersible pump equipped with a line leak detector? Are all electrical connections sound? Is a flexible connector properly installed from the pump housing to the product piping? (Angle must not be less than 90 degree)</p>		<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A

SEMI ANNUAL/ANNUAL STORAGE TANK INSPECTION CHECKLIST

Facility: _____

Piping Sump, Turbine Enclosure or Transition Sump (Con't)		Comments
<p>20. Is the double wall piping installed so that any leaks from the primary piping will leak into the sump? (Test reducer from secondary to primary piping must be pulled back or have the drain plug open)</p>	 <input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A	
<p>21. Is the sump sensor installed with the bottom of the sensor mounted at or below a line drawn one inch above the highest point on a curved sump bottom or one inch above the bottom of a flat bottom turbine enclosure (some states require the sensor to be placed at the bottom of the sump)? Remove the sensor from the holder and turn upside down. Place warning cones around the manhole and proceed to the monitoring console to verify an alarm condition exists. <i>* Note: Local regulations could require sensor to be positioned at lowest point in sump.</i></p>	 <input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A	
<p>22. Return to the fuel island. Remove the nozzle from the dispenser fed by the submersible pump being inspected and turn the dispenser on. Verify that the submersible pump does not turn on. Repeat for all nozzles. (Return the sump sensor to holder, replace cover on the piping sump, and replace the manhole cover. Collect the warning cones and proceed to the monitoring console. Obtain a printout of the alarm event, attach it to the inspection form, and reset the monitoring console and fuel facility console.)</p>	 <input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A	

SEMI ANNUAL/ANNUAL STORAGE TANK INSPECTION CHECKLIST

Facility: _____

Line Leak Detector Test - ANNUAL INSPECTION ONLY

23. Test the leak detector as per the manufacturer's instruction. If the leak detector fails at a leak rate of 3 GPH, adjust the leak rate to 5 GPH and retest. If 5 GPH test is passed, retest at 3 GPH. The leak detector must demonstrate a passing 3 GPH test and have documented results. **Attach test results to this form.**

** Note: Both mechanical and electronic line leak detectors require an annual test.*



OK
 Not OK
 N/A

Comments

Dispenser Inspection

24. Inspect hose assembly from nozzle tip to hose connection on dispenser. Verify assembly is leak and damage free and includes: nozzle (13/16" for unleaded fuel; 1-3/16" for diesel fuel), swivel, breakaway (installed approximately 12 inches from the nozzle), and appropriate hose length.

- Diesel and non-stage II gasoline - 5 foot hose, breakaway and 1 foot whip for dispensers without a hose retractor.
- Stage II Gasoline - Maximum of 11 foot hose length. Any hose length combination is acceptable in order to achieve the 10" maximum drape. Breakaway should be installed in middle of hose.

**Notes:*

- Diesel AST's with no satellite dispensers are allowed to have a hose length not exceeding 15' in length. A high hose retractor must be installed to prevent hose from dragging on the ground
- Freight locations that do not have a typical dispenser can have varying hose lengths and larger nozzles. Breakaways must be installed at nozzle end of hose.






OK
 Not OK
 N/A

Comments




SEMI ANNUAL/ANNUAL STORAGE TANK INSPECTION CHECKLIST

Facility: _____

Dispenser Inspection (Con't)		Comments	
<p>25. <i>Stage II Vapor Recovery:</i></p> <ul style="list-style-type: none"> • Nozzle Bellows: Verify that the nozzle bellow is free from cuts and tears. • Face Seal: Verify that the face seal is free from cuts and tears. • Hose Retractor: Verify hose retractor works and will accommodate the appropriate drape on the hose. • Hose Drape: Verify that the bottom of the curve of the hose (drape) does not extend downward more than 10" below the nozzle swivel when the nozzle is hanging on the dispensers 		<input type="checkbox"/> OK <input type="checkbox"/> Not OK <input checked="" type="checkbox"/> N/A	
<p>26. Are dispensers properly labeled?</p> <ul style="list-style-type: none"> • Is the "Three Step Spill Sticker #01747802" attached to the dispenser and is it legible? • Is the proper product type (Diesel/Unleaded) label present and legible? • If applicable, is the proper "Low Sulfur"/"Ultra-Low Sulfur" diesel label present and legible? 		<input type="checkbox"/> OK <input checked="" type="checkbox"/> Not OK <input type="checkbox"/> N/A	<p><i>Need stickers replaced</i></p>
<p>27. Remove dispenser cover and verify that the dispenser is firmly anchored to the island. If there is excessive water in the dispenser containment, check to see if the covers need repair and/or caulking is required around the base of the dispenser. Check dispenser piping, valve connections, filters, and filter housings for evidence of leaks. Change diesel filters.</p> <p>2018 EPA requirements – Single wall sumps shall be hydrostatical, vacuum, or pressure tested every 3 years.</p>		<input type="checkbox"/> OK <input checked="" type="checkbox"/> Not OK <input type="checkbox"/> N/A	<p><i>Dispenser bases rusting</i></p>

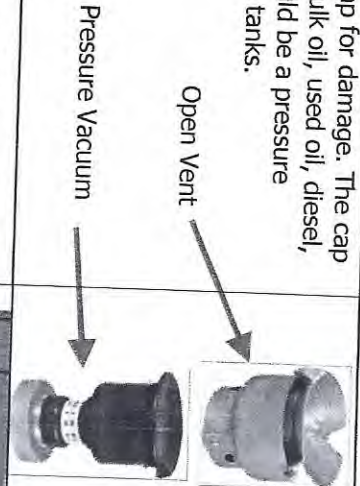



SEMI ANNUAL/ANNUAL STORAGE TANK INSPECTION CHECKLIST

Facility: _____

Dispenser Inspection (Con't)	Comments		
28. Is the safety shear valve correctly installed +/- 1 in. above or below the top of the dispenser island concrete? Verify the shear valve operates properly.		<input type="checkbox"/> OK <input checked="" type="checkbox"/> Not OK <input type="checkbox"/> N/A	Diesel valves not operating properly due to corrosion
29. Are all penetrations liquid tight? Check all conduit connections and junction box connections. Conduit penetrations through dispenser containment must include pipe nipples that terminate above the edge of the enclosure.		<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A	
30. If the dispenser containment is equipped with a sensor, verify proper operation by simulating an alarm and verifying that the dispenser or pump shuts down as required by local regulations. Replace the absorbent spill pad at the bottom of all diesel dispenser containment boxes. *Note: Do not use spill pads in containment boxes with sensors or if local regulations prohibit the use of spill pads.		<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A	
31. For Freight Locations - Contractor shall document any other issues found with the dispenser area during the inspection		<input type="checkbox"/> OK <input type="checkbox"/> Not OK <input checked="" type="checkbox"/> N/A	
32. For Freight Locations - That have a 15-minute spring wound timer to operate the submersible pump. This 15-minute timer must be replaced with a 5-minute spring wound timer with no hold device.		<input type="checkbox"/> OK <input type="checkbox"/> Not OK <input checked="" type="checkbox"/> N/A	



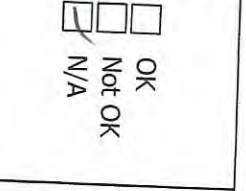
SEMI ANNUAL/ANNUAL STORAGE TANK INSPECTION CHECKLIST

Facility: _____

<p>Dispenser Island, Lighting and Protective Bumpers</p> <p>33. Inspect tank vent riser and cap for damage. The cap should be an open type for bulk oil, used oil, diesel, and heating oil. The cap should be a pressure vacuum vent cap for gasoline tanks.</p>		<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A		<p style="text-align: right;">Comments</p>
<p>34. Inspect the dispenser island form, light pole and light and protective bumpers for evidence of damage. Inspect the immediate drainage area for evidence of leaks.</p>		<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A		
<p>35. Are there any spill kits located at or near the fuel island? Verify the Six Step Spill Sticker #01747801 is attached to spill kit and is legible.</p>		<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A		
<p>36. Inventory the contents of the spill kits. Note any deficiencies. The kit consists of the minimum:</p> <ul style="list-style-type: none"> • Two 4" diameter absorbent booms • 20 absorbent sheets • 1 pair rubber gloves (boots are optional) • 3 heavy duty 33" x 50" plastic bags 		<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A		

SEMI ANNUAL/ANNUAL STORAGE TANK INSPECTION CHECKLIST

Facility: _____

Dispenser Island, Lighting and Protective Bumpers (Con't)		Comments	
<p>37. Operate emergency shut off switch located near the fueling dispensing area. Is power to fuel facility terminated (it is acceptable for the lighting to remain on)? Is the emergency shut off sign clearly visible from the fuel island, when vehicles are parked near the emergency shutoff switch?</p>		<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A	
<p>38. Verify that the Emergency Shut Off signs are in place and pointing in the direction of the Emergency Fuel Shut-Off Switch. Check to make sure fire extinguisher is in place, labeled and inspected.</p>		<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A	
Oil Water Separator			
<p>39. Using a dipstick and fuel finding paste, probe to the bottom of each chamber in the separator to determine the amount of sludge and oil present. Record results.</p> <p>*Note: To be completed only if the fuel island area has an oil/water separator.</p>		<input type="checkbox"/> OK <input type="checkbox"/> Not OK <input checked="" type="checkbox"/> N/A	
Comments		Chamber # 1 Sludge _____ Oil _____	Chamber # 2 Sludge _____ Oil _____

SEMI ANNUAL / ANNUAL STORAGE TANK INSPECTION CHECKLIST

Facility: _____

Corrosion Protection		Comments
<p>40. For systems equipped with impressed current cathodic protection systems, verify the system has been tested every 60 days. Look at the inspections performed in the previous six months and verify the voltage and amperage readouts are within the acceptable operating levels.</p>	<input type="checkbox"/> OK <input type="checkbox"/> Not OK <input checked="" type="checkbox"/> N/A	
<p>41. For Freight Locations - Contractor to visually inspect the turbine and dispenser areas for evidence of any steel piping or steel components that are in contact with concrete or soil that are potentially not protected by cathodic protection.</p>	<input type="checkbox"/> OK <input type="checkbox"/> Not OK <input checked="" type="checkbox"/> N/A	

SEMI ANNUAL/ANNUAL STORAGE TANK INSPECTION CHECKLIST

Facility: _____

Dispenser Metering (ANNUAL INSPECTION ONLY)		Comments				
<p>42. Determine accuracy of dispenser metering as per API 1621. Dispenser metering equipment must be accurate to within +/- 6 cubic inches for every five gallons dispensed (Local code may be more stringent).</p> <p>* Note: Record results here. If local regulations require additional documentation, then attach to this form.</p>	<p>Indicate volume variance in cubic inches for all dispensers. The dispenser meter must be calibrated if the actual quantity delivered is off by more than 6 cubic inches per 5-gallons.</p>	<p><input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A</p>	<p>Dispenser # <u>1</u></p> <p>Dispenser # <u>2</u></p> <p>Dispenser # <u>3</u></p> <p>Dispenser # <u>4</u></p> <p>Dispenser # <u>5</u></p> <p>Dispenser # <u>6</u></p> <p>Dispenser # _____</p>	<p>Slow Speed Variance</p> <p><u>-1</u></p> <p><u>+1</u></p> <p><u>0</u></p> <p><u>0</u></p> <p><u>+1</u></p> <p><u>0</u></p> <p>_____</p>	<p>Full Speed Variance</p> <p><u>0</u></p> <p><u>+1</u></p> <p><u>-1</u></p> <p><u>0</u></p> <p><u>+2</u></p> <p><u>0</u></p> <p>_____</p>	<p>Adjustments Made (Y/N)</p> <p><u>N</u></p> <p><u>N</u></p> <p><u>N</u></p> <p><u>N</u></p> <p><u>N</u></p> <p><u>N</u></p> <p>_____</p>
<p>43. FOR GASOLINE DISPENSERS ONLY: verify gasoline dispensers do not pump more than 10 gpm.</p>	<p>Record actual measurement.</p>	<p><input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK <input type="checkbox"/> N/A</p>	<p>Dispenser # <u>1</u></p> <p>Dispenser # <u>2</u></p> <p>Dispenser # <u>3</u></p> <p>Dispenser # <u>4</u></p> <p>Dispenser # _____</p> <p>Dispenser # _____</p> <p>Dispenser # _____</p>	<p>_____ gpm</p> <p>_____ gpm</p> <p>_____ gpm</p> <p>_____ gpm</p> <p>_____ gpm</p> <p>_____ gpm</p>	<p>_____ gpm</p> <p>_____ gpm</p> <p>_____ gpm</p> <p>_____ gpm</p> <p>_____ gpm</p> <p>_____ gpm</p>	

RS MAINTENANCE
1035 E FIRST STREET
GREENFIELD, INDIANA 46140
PHONE: 317-442-8043

LINE LEAK DETECTOR TEST RESULTS

GAS/DIESEL - TYPE	ON/ PRESSURE	OFF/ PRESSURE	OPEN/ PRESSURE
-------------------	-----------------	------------------	-------------------

TANK #1	Gas Red jacket	30	20	17	1 sec	PASS FAIL
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TANK #2	Diesel Red jacket	32	21	16	2 sec	PASS FAIL
---------	-------------------	----	----	----	-------	-----------

TANK #3	Mech					PASS FAIL
---------	------	--	--	--	--	-----------

TANK #4						PASS FAIL
---------	--	--	--	--	--	-----------

COMMENTS:

LOCATION: URS Terre Haute

MECHANIC: Robert Swinney

DATE: 3-14-22

265220 UPS
5596 E. MARGRET
TERRE HAUTE IN 47803

MAR 14, 2022 11:09 AM

SYSTEM STATUS REPORT

ALL FUNCTIONS NORMAL

INVENTORY REPORT

T 1:UNLEADED

VOLUME = 5272 GALS
ULLAGE = 6255 GALS
90% ULLAGE= 5102 GALS
TC VOLUME = 5305 GALS
HEIGHT = 41.57 INCHES
WATER VOL = 21 GALS
WATER = 0.80 INCHES
TEMP = 50.8 DEG F

T 2:DIESEL

VOLUME = 6956 GALS
ULLAGE = 4571 GALS
90% ULLAGE= 3418 GALS
TC VOLUME = 6984 GALS
HEIGHT = 51.69 INCHES
WATER VOL = 0 GALS
WATER = 0.00 INCHES
TEMP = 50.9 DEG F

***** END *****

265220 UPS
5596 E. MARGRET
TERRE HAUTE IN 47803

MAR 14, 2022 11:09 AM

LEAK TEST REPORT

T 1:UNLEADED
PROBE SERIAL NUM 023544

TEST STARTING TIME:
MAR 13, 2022 12:01 AM

TEST LENGTH = 4.0 HRS
STRT VOLUME = 5320.2 GAL

LEAK TEST RESULTS

0.20 GAL/HR TEST PASS

***** END *****

265220 UPS
5596 E. MARGRET
TERRE HAUTE IN 47803

MAR 14, 2022 11:09 AM

LEAK TEST REPORT

T 2:DIESEL
PROBE SERIAL NUM 268820

TEST STARTING TIME:
MAR 13, 2022 12:01 AM

TEST LENGTH = 4.0 HRS
STRT VOLUME = 7001.3 GAL

LEAK TEST RESULTS
0.20 GAL/HR TEST PASS

***** END *****

----- SENSOR ALARM -----
L 2:UNLEADED SUMP
PIPING SUMP
FUEL ALARM
MAR 14, 2022 11:13 AM

----- SENSOR ALARM -----
L 1:UNLEADED ANNULAR
ANNULAR SPACE
LOW LIQUID ALARM
MAR 14, 2022 11:15 AM

----- SENSOR ALARM -----
L 1:UNLEADED ANNULAR
ANNULAR SPACE
HIGH LIQUID ALARM
MAR 14, 2022 11:15 AM

----- SENSOR ALARM -----
L 4:DIESEL SUMP
PIPING SUMP
FUEL ALARM
MAR 14, 2022 11:18 AM

265220 UPS
5596 E. MARGRET
TERRE HAUTE IN 47803

MAR 14, 2022 11:24 AM

SYSTEM STATUS REPORT

ALL FUNCTIONS NORMAL

FUEL FACILITY EQUIPMENT HISTORY

ITEM: TEREHAUTE
 LOCATION:

TANK ID:	YEAR INSTALLED:	DISPENSERS:	SPILL CONTAINER:	LEAK DETECTION:
FIBERGLASS		4	OPW 4000-1	RED TACKET
MONITORING SYSTEM TYPE: VEPES 2007 INTERSTITIAL 6.0/10/10K:	NOZZLES: 7U Diesel 11AP UNLEADED	OVERFILL PREVENTION VALVE: 6050	PIPING/SUMP TYPE:	LIGHT TYPE:
SIZE: 12K EACH	AUTOMATIC TANK GAUGE: MAG Probe	DISPENSER CONTAINMENT:	TANK VENT: OPW	SINK: IF VAPOR RECOVER: N/A
FUEL TYPE STORED: DIESEL #2 UNLEADED #1	SUMP FLOAT SWITCH: TRISTATE	DISPENSER TYPE: GASBOY	PIPE TYPE: EMCO	SEMI-RIGIBLE PUMP TYPE: RED TACKET
				OTHER:

DATE	DESCRIPTION OF WORK DONE	CAUSE <small>(list as many items as required to define problem)</small>	CORRECTED BY SHIP OR CONTRACTOR	LABOR HRS OR COST	MATERIAL (COST)
11/14/02	Monthly PM		R.S. Meit	32000	
2/9/02	"		"	32000	
3/14/01	Annual PM	Oil seal Replaced leaking hose pump #1	"	4000	46500
1/1					
1/1					
1/1					
1/1					
1/1					
1/1					



Testing and Inspection Certificate

Tanknology Inc.
 11000 North MoPac Expressway, Suite 500, Austin, TX 78759
 800-800-4633 www.tanknology.com

Test Date	6/24/2021	Tanknology WO#	MW1-6189874
Test Purpose	COMPLIANCE	Customer PO#	P986766

<u>Customer</u>	<u>Location</u>
UPS WORLD HQ C/O CBRE 55 GLENDALE PARKWAY NE ATLANTA, GA 30328 Attn: MARIO VALDES (404) 828-8991	UPS (INTER) 5596 EAST MARGARET DRIVE TERRE HAUTE, IN 47803 Attn: ()

Test / Inspection Description	Item Tested	Date Tested	Result
Line Leak Detector (3 GPH)	Tank 1 Line 1 UNLEADED	6/24/2021	Pass
Line Leak Detector (3 GPH)	Tank 2 Line 1 Diesel	6/24/2021	Pass
Leak Detection Monitoring System Inspection	See test report for details	6/24/2021	Pass
Spill Containment / Bucket Testing	Tank 1 UNLEADED SB 1 - Fill - Direct	6/24/2021	Pass
Spill Containment / Bucket Testing	Tank 2 Diesel SB 1 - Fill - Direct	6/24/2021	Pass
Piping Containment Sump Testing	Tank 1 - STP Sump 1 UNLEADED	6/24/2021	Pass
Piping Containment Sump Testing	Tank 2 - STP Sump 1 Diesel	6/24/2021	Pass
Dispenser Pan / Sump Containment Testing	UDC #1/2	6/24/2021	Pass
Dispenser Pan / Sump Containment Testing	UDC #3/4	6/24/2021	Pass
Dispenser Pan / Sump Containment Testing	UDC #5/6	6/24/2021	Pass
Dispenser Pan / Sump Containment Testing	UDC #6 SAT/	6/24/2021	Pass
Overfill Insp OPW Flapper Valve	1 UNLEADED	6/24/2021	Pass
Overfill Insp OPW Flapper Valve	2 Diesel	6/24/2021	Fail
Visual Inspection		6/24/2021	Complete
Sump Inspection	See test report for details	6/24/2021	Fail

Tanknology Representative: DanBatten
 Telephone: (614) 436-7600

Technician: Ron Deel
 Technician Certification: (See forms)



LDT 5000 Field Test Apparatus
Line Leak Detector Test

Work Order: 6189874 Date: 6/24/2021
Site Name / ID: UPS / INTER
Address: 5596 EAST MARGARET DRIVE
City: TERRE HAUTE State: IN Zip: 47803

Tank ID	1	2				
Product	UNLEADED	Diesel				
Product Line	1	1				
Tested From	2	5				
Existing/New	Existing	Existing				
Mechanical/Electronic	Mechanical	Mechanical				
Manufacturer/Model	Veeder Root FX1V	Veeder Root FX1DV				
Serial No.	Corroded	Corroded				
Pump Operating Pressure (psi)	25.00	28.00				
Calibrated Leak (ml/min)	189.0	189.0				
Calibrated Leak (gph)	3.00	3.00				
Holding PSI <i>*N/A for Electronic LD's</i>	13.00	14.00				
Resiliency (ml) <i>*N/A for Electronic LD's</i>	90.00	110.00				
Metering PSI <i>*N/A for Electronic LD's</i>	9	10				
Opening Time (sec) <i>*N/A for Electronic LD's</i>	2	2				
Test Results	Pass	Pass				

Technician Comments:

Technician Name: Ron Deel Certification #: 121837
Technician Signature: *Ronald Deel* Expire Date: 1/11/2022

MONITORING SYSTEM CERTIFICATION

This form is used to document testing and servicing of tank and piping leak monitoring equipment. If required by applicable law, a copy of the completed form must be provided by the Testing Contractor or owner to the governing UST agency as required by regulation.

A. General Information

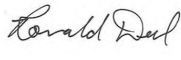
Facility Name: UPS Bldg. No.: _____
 Site Address: 5596 EAST MARGARET DRIVE City: TERRE HAUTE State: IN Zip: 47803
 Facility Contact Person: _____ Contact Phone No.: -
 Make/Model of Monitoring System: Veeder Root TLS-350 Date of Testing/Servicing: 6/24/2021

B. Inventory of Equipment Tested/Certified Check the appropriate boxes to indicate specific equipment inspected/serviced:

<p>Tank ID: <u>1 - UNLEADED</u></p> <p><input checked="" type="checkbox"/> In-Tank Gauging Probe. Model: <u>846390-107</u></p> <p><input checked="" type="checkbox"/> Annular Space or Vault Sensor. Model: <u>794380-303</u></p> <p><input checked="" type="checkbox"/> Piping Sump / Trench Sensor(s). Model: <u>205</u></p> <p><input type="checkbox"/> Fill Sump Sensor(s). Model: _____</p> <p><input checked="" type="checkbox"/> Mechanical Line Leak Detector. Model: <u>Veeder Root FX1V</u></p> <p><input type="checkbox"/> Electronic Line Leak Detector. Model: _____</p> <p><input type="checkbox"/> Tank Overfill / High-Level Sensor. Model: _____</p> <p><input type="checkbox"/> Other (specify equipment type and model in Section E on Page 2).</p>	<p>Tank ID: <u>2 - Diesel</u></p> <p><input checked="" type="checkbox"/> In-Tank Gauging Probe. Model: <u>846390-107</u></p> <p><input checked="" type="checkbox"/> Annular Space or Vault Sensor. Model: <u>794380-303</u></p> <p><input checked="" type="checkbox"/> Piping Sump / Trench Sensor(s). Model: <u>205</u></p> <p><input type="checkbox"/> Fill Sump Sensor(s). Model: _____</p> <p><input checked="" type="checkbox"/> Mechanical Line Leak Detector. Model: <u>Veeder Root FX1DV</u></p> <p><input type="checkbox"/> Electronic Line Leak Detector. Model: _____</p> <p><input type="checkbox"/> Tank Overfill / High-Level Sensor. Model: _____</p> <p><input type="checkbox"/> Other (specify equipment type and model in Section E on Page 2).</p>
<p>Tank ID: _____</p> <p><input type="checkbox"/> In-Tank Gauging Probe. Model: _____</p> <p><input type="checkbox"/> Annular Space or Vault Sensor. Model: _____</p> <p><input type="checkbox"/> Piping Sump / Trench Sensor(s). Model: _____</p> <p><input type="checkbox"/> Fill Sump Sensor(s). Model: _____</p> <p><input type="checkbox"/> Mechanical Line Leak Detector. Model: _____</p> <p><input type="checkbox"/> Electronic Line Leak Detector. Model: _____</p> <p><input type="checkbox"/> Tank Overfill / High-Level Sensor. Model: _____</p> <p><input type="checkbox"/> Other (specify equipment type and model in Section E on Page 2).</p>	<p>Tank ID: _____</p> <p><input type="checkbox"/> In-Tank Gauging Probe. Model: _____</p> <p><input type="checkbox"/> Annular Space or Vault Sensor. Model: _____</p> <p><input type="checkbox"/> Piping Sump / Trench Sensor(s). Model: _____</p> <p><input type="checkbox"/> Fill Sump Sensor(s). Model: _____</p> <p><input type="checkbox"/> Mechanical Line Leak Detector. Model: _____</p> <p><input type="checkbox"/> Electronic Line Leak Detector. Model: _____</p> <p><input type="checkbox"/> Tank Overfill / High-Level Sensor. Model: _____</p> <p><input type="checkbox"/> Other (specify equipment type and model in Section E on Page 2).</p>
<p>Dispenser ID: <u>1/2</u></p> <p><input type="checkbox"/> Dispenser Containment Sensor(s). Model: _____</p> <p><input checked="" type="checkbox"/> Shear Valve(s).</p> <p><input type="checkbox"/> Dispenser Containment Float(s) and Chain(s).</p>	<p>Dispenser ID: <u>3/4</u></p> <p><input type="checkbox"/> Dispenser Containment Sensor(s). Model: _____</p> <p><input checked="" type="checkbox"/> Shear Valve(s).</p> <p><input type="checkbox"/> Dispenser Containment Float(s) and Chain(s).</p>
<p>Dispenser ID: <u>5/6</u></p> <p><input type="checkbox"/> Dispenser Containment Sensor(s). Model: _____</p> <p><input checked="" type="checkbox"/> Shear Valve(s).</p> <p><input type="checkbox"/> Dispenser Containment Float(s) and Chain(s).</p>	<p>Dispenser ID: <u>6 SAT</u></p> <p><input type="checkbox"/> Dispenser Containment Sensor(s). Model: _____</p> <p><input checked="" type="checkbox"/> Shear Valve(s).</p> <p><input type="checkbox"/> Dispenser Containment Float(s) and Chain(s).</p>
<p>Dispenser ID: _____</p> <p><input type="checkbox"/> Dispenser Containment Sensor(s). Model: _____</p> <p><input type="checkbox"/> Shear Valve(s).</p> <p><input type="checkbox"/> Dispenser Containment Float(s) and Chain(s).</p>	<p>Dispenser ID: _____</p> <p><input type="checkbox"/> Dispenser Containment Sensor(s). Model: _____</p> <p><input type="checkbox"/> Shear Valve(s).</p> <p><input type="checkbox"/> Dispenser Containment Float(s) and Chain(s).</p>

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; (check all that apply): System set-up Alarm history report

Technician Name (print): Ron Deel Signature: 
 Certification No.: B46311 License No.: _____
 Testing Company Name: Tanknology Phone No.: (800) 800-4633
 Testing Company Address: 11000 N. MoPac Expressway Suite 500 Date of Testing/Servicing: 6/24/2021

D. Results of Testing/Serviceing

Software Version Installed: 20.00

Complete the following checklist:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No* <input type="checkbox"/> N/A	Is the visual alarm on the console operational?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No* <input type="checkbox"/> N/A	Is the audible alarm on the console operational?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Is the external visual overfill alarm (light unit) present?
<input type="checkbox"/> Yes	<input type="checkbox"/> No* <input checked="" type="checkbox"/> N/A	Is the external visual overfill alarm operating properly?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Is the external audible overfill alarm present?
<input type="checkbox"/> Yes	<input type="checkbox"/> No* <input checked="" type="checkbox"/> N/A	Is the external audible overfill alarm operating properly?
%	<input checked="" type="checkbox"/> N/A	At what percent of tank(s) capacity is the external alarm programmed to trigger? <i>If different % between tanks, clarify in section E.</i>
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No* <input type="checkbox"/> N/A	Were all sensors visually inspected, functionally tested, and confirmed operational?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No* <input type="checkbox"/> N/A	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No* <input type="checkbox"/> N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? <i>(Check all that apply)</i> <input checked="" type="checkbox"/> Sump/Trench Sensors; <input type="checkbox"/> Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks <u>and</u> sensor failure/disconnection? <input checked="" type="checkbox"/> Yes; <input type="checkbox"/> No
<input type="checkbox"/> Yes*	<input checked="" type="checkbox"/> No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
<input type="checkbox"/> Yes*	<input checked="" type="checkbox"/> No	Was liquid found inside any secondary containment systems designed as dry systems? <i>(Check all that apply)</i> <input type="checkbox"/> Product; <input type="checkbox"/> Water. If yes, describe causes in Section E, below.
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Is all monitoring equipment operational per manufacturer's specifications?

* In Section E below, describe how and when these deficiencies were or will be corrected.

E. Comments:

Backup Battery reading, if applicable (Required for VR TLS 300/350): 3.70

F. In-Tank Gauging / SIR Equipment:

- Check this box if tank gauging is used only for inventory control.
- Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all tank gauging probes visually inspected for damage and residue buildup?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Was accuracy of system product level readings tested?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Was accuracy of system water level readings tested?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all probes reinstalled properly?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section G, below, describe how and when these deficiencies were or will be corrected.

G. Comments:


DID OVERALL MONITOR SYSTEM TESTING PASS (Check One)? YES NO
INCONCLUSIVE

Customer Name: UPS Location #: INTER City: TERRE HAUTE State: IN Zip: 47803

SPILL/OVERFILL CONTAINMENT BOXES

Facility is Not Equipped With Fill Riser Containment Sumps <input type="checkbox"/>			Test Date: 6/24/2021
Fill Riser Containment Sumps are Present, but were Not Tested <input type="checkbox"/>			
	Spill Box # Tank 1 UNLEADED - Fill 1 - Direct	Spill Box # Tank 2 Diesel - Fill 1 - Direct	
Double Wall:	N	N	
Bucket Diameter (in inches):	11.00	11.00	
Bucket Depth (in inches):	15.50	14.00	
Test Method Developed By:	Industry Standard-PEI RP 1200	Industry Standard-PEI RP 1200	
Test Method Used By:	Hydrostatic	Hydrostatic	
Test Equipment Used:	LAKE TEST	LAKE TEST	
Equipment Resolution:	0.0625 in.	0.0625 in.	
Wait time between applying pressure/vacuum/water and starting test	5 min	5 min	min
Test Start Time:	10:05:00	10:05:00	
Initial Reading (R _I):	15.50 in.	14.00 in.	
Test End Time:	11:05:00	11:05:00	
Final Reading (R _F):	15.50 in.	14.00 in.	
Test Duration:	1 hr	1 hr	
Change in Reading (R _F - R _I):	0.00 in.	0.00 in.	
Pass/Fail Threshold or Criteria:	+/- 0.1250	+/- 0.1250	+/-
Test Result:	Pass	Pass	

Comments — (include information on repairs made prior to testing, and recommended follow-up for failed tests)

Technician Name: Ron Deel
 Technician Signature: 


Test Date: 6/24/2021
 Certification #: 121840

Customer Name: UPS Location #: INTER City: TERRE HAUTE State: IN Zip: 47803

PIPING SUMP TESTING

Test Method Developed By:	<input type="checkbox"/> Tank Manufacturer	<input checked="" type="checkbox"/> Industry Standard	<input type="checkbox"/> Professional Engineer
	<input type="checkbox"/> Other (Specify)	<input type="checkbox"/> PEI RP 1200	
Test Method Used By:	<input type="checkbox"/> Pressure	<input type="checkbox"/> Vacuum	<input checked="" type="checkbox"/> Hydrostatic
	<input type="checkbox"/> Other (Specify)		
Test Equipment Used: LAKE TEST		Equipment Resolution: 0.0625 in.	Test Date: 6/24/2021
	STP Containment for Tank 1 UNLEADED - 1	STP Containment for Tank 2 Diesel - 1	
Sump Diameter:	32 in.	32 in.	
Sump Depth:	31 in.	28 in.	
Sump Material:	Polyethylene	Polyethylene	
Bottom of the sump to the highest product penetration:	6	7	
Bottom of the sump to the highest electrical penetration (or sidewall seam):	8	10	
Condition of sump prior to testing:	Good	Good	
Portion of Sump Tested ¹	4 in above highest penetration	4 in above highest penetration	
Does turbine shut down when sump sensor detects liquid (both product and water)?*	Yes	Yes	
Turbine shutdown response time	1 sec sec	1 sec sec	
Is system programmed for fail-safe shutdown?*	Yes	Yes	
Was fail-safe verified to be operational?*	Yes	Yes	
Wait time between applying pressure/vacuum/water and starting test	15 min	15 min	
Test Start Time:	1015	1015	
Initial Reading (R _I):	12.75000 in.	17.75000 in.	
Test End Time:	1115	1115	
Final Reading (R _F):	12.75000 in.	17.75000 in.	
Test Duration:	1 hr	1 hr	
Change in Reading (R _F -R _I):	0.00000 in.	0.00000 in.	
Pass/Fail Threshold or Criteria:	+/- 0.12500	+/- 0.12500	
Test Result:	Pass	Pass	
Was sensor removed for testing?	Yes	Yes	
Was sensor properly replaced and verified functional after testing?	Yes	Yes	

Comments — (include information on repairs made prior to testing, and recommended follow-up for failed tests)

Technician Name:	<u>Ron Deel</u>	Test Date:	<u>6/24/2021</u>
Technician Signature:	<u></u>	Certification #:	<u>121839</u>

Customer Name: UPS Location #: INTER City: TERRE HAUTE State: IN Zip: 47803

UNDER-DISPENSER CONTAINMENT (UDC) TESTING

Test Method Developed By:	<input type="checkbox"/> UDC Manufacturer	<input checked="" type="checkbox"/> Industry Standard	<input type="checkbox"/> Professional Engineer
	<input type="checkbox"/> Other (Specify)	<input type="checkbox"/> PEI RP 1200	
Test Method Used By:	<input type="checkbox"/> Pressure	<input type="checkbox"/> Vacuum	<input checked="" type="checkbox"/> Hydrostatic
	<input type="checkbox"/> Other (Specify)		
Test Equipment Used: LAKE TEST	Equipment Resolution: 0.0625 in.		Test Date: 6/24/2021
	UDC #1/2	UDC #3/4	UDC #5/6
UDC Manufacturer:	Environ	Environ	Environ
UDC Material:	Polyethylene	Polyethylene	Polyethylene
UDC Depth:	9.00	9.00	9.00
Bottom of the sump to the highest product penetration:	Sump bottom penetration only	Sump bottom penetration only	Sump bottom penetration only
Bottom of the sump to the highest electrical penetration (or sidewall seam):	0	0	0
Condition of UDC prior to testing:	Good	Good	Good
Portion of UDC Tested ¹	4 in above highest penetration	4 in above highest penetration	4 in above highest penetration
Does turbine shut down when UDC sensor detects liquid (both product and water)?*	NA	NA	NA
Turbine shutdown response time			
Is system programmed for fail-safe shutdown?*	NA	NA	NA
Was fail-safe verified to be operational?*	NA	NA	NA
Wait time between applying pressure/vacuum/water and starting test	15 min	15 min	15 min
Test Start Time:	1015	1015	1015
Initial Reading (R _I):	6.00000 in.	6.75000 in.	6.00000 in.
Test End Time:	1115	1115	1115
Final Reading (R _F):	6.00000 in.	6.75000 in.	6.00000 in.
Test Duration:	1 hr	1 hr	1 hr
Change in Reading (R _F -R _I):	0.00000 in.	0.00000 in.	0.00000 in.
Pass/Fail Threshold or Criteria:	+/- 0.12500	+/- 0.12500	+/- 0.12500
Test Result:	Pass	Pass	Pass
Was sensor removed for testing?	NA	NA	NA
Was sensor properly replaced and verified functional after testing?	NA	NA	NA

Comments — (include information on repairs made prior to testing, and recommended follow-up for failed tests)

Technician Name: Ron Deel Test Date: 6/24/2021

Technician Signature:  Certification #: 121839

Customer Name: UPS Location #: INTER City: TERRE HAUTE State: IN Zip: 47803

UNDER-DISPENSER CONTAINMENT (UDC) TESTING

Test Method Developed By:	<input type="checkbox"/> UDC Manufacturer	<input checked="" type="checkbox"/> Industry Standard	<input type="checkbox"/> Professional Engineer
	<input type="checkbox"/> Other (Specify)	<input type="checkbox"/> PEI RP 1200	
Test Method Used By:	<input type="checkbox"/> Pressure	<input type="checkbox"/> Vacuum	<input checked="" type="checkbox"/> Hydrostatic
	<input type="checkbox"/> Other (Specify)		
Test Equipment Used: LAKE TEST	Equipment Resolution: 0.0625 in.	Test Date: 6/24/2021	
	UDC #6 SAT		
UDC Manufacturer:	Environ		
UDC Material:	Polyethylene		
UDC Depth:	9.00		
Bottom of the sump to the highest product penetration:	Sump bottom penetration only		
Bottom of the sump to the highest electrical penetration (or sidewall seam):	0		
Condition of UDC prior to testing:	Good		
Portion of UDC Tested ¹	4 in above highest penetration		
Does turbine shut down when UDC sensor detects liquid (both product and water)?*	NA		
Turbine shutdown response time			
Is system programmed for fail-safe shutdown?*	NA		
Was fail-safe verified to be operational?*	NA		
Wait time between applying pressure/vacuum/water and starting test	15 min		
Test Start Time:	1015		
Initial Reading (R _I):	9.00000 in.		
Test End Time:	1115		
Final Reading (R _F):	9.00000 in.		
Test Duration:	1 hr		
Change in Reading (R _F -R _I):	0.00000 in.		
Pass/Fail Threshold or Criteria:	+/- 0.12500		
Test Result:	Pass		
Was sensor removed for testing?	NA		
Was sensor properly replaced and verified functional after testing?	NA		

Comments — (include information on repairs made prior to testing, and recommended follow-up for failed tests)

Technician Name: Ron Deel Test Date: 6/24/2021

Technician Signature:  Certification #: 121839

Date: 6/24/2021
 Customer Name: UPS WORLD HQ
 Location #: UPS
 Location Address: 5596 EAST MARGARET DRIVE , TERRE HAUTE , IN , 47803
 OPW Model Number: 61SO

PART 1) Proper height setting calculation

Maximum Tank Volume per: Tank Chart
 Max shut off requirement for Flapper is 95%
 Multiply Maximum tank volume by 95%
 Use tank chart to determine height of calculated volume
 Measure top of fill riser threads, or face seal adapter when used, to tank top
 Tank diameter **From Chart**
 Upper Tube in tank (G) **F - D = G**
 Subtract 2 inches from upper tube in tank **G - 2" = H**
 Calculated minimum upper tube length (I) **H + E = I**
 Actual measured upper tube length (Without fill adapter) (J)

	1	2		
A gallons	11527.000	11527.000		
B 95%	0.95	0.95	0.95	0.95
C gallons	10950.650	10950.650		
D inches	80.500	80.500		
E inches	38.250	38.250		
F inches	89.750	89.750		
G inches	9.250	9.250		
H inches	7.250	7.250		
I inches	45.500	45.500		
J inches	51.875	52.250		

PART 2) Device certification criteria evaluation

Criteria 1	Does the overfill prevention device meet the 95% requirement?	Yes	Yes		
Criteria 1a	If the final shutoff volume is installed greater than 95%, is there at least 250 gallons of ullage above the overfill device activation point to ensure that none of the tank top fittings are exposed to product, meeting the criteria established in EPA 280.20iic and per OPW installation guidelines.	NA	NA		
Criteria 2	Is the Actual measured upper tube length 6.5 inches or more than the fill riser? (J must be 6.5" or more than E)	Yes	Yes		
Criteria 3	Does the overfill prevention device function as required? (Inspect the device for damage, contamination, freedom of movement, weakening due to wear and corrosion)	Yes	No		

PART 3) Device Certification PASS / FAIL

Technician certifies that the device is operationally compliant.

Pass	Fail		
------	------	--	--

Comments:
 Flapper missing on DSL drop tube.

Signature of Technician:
 Ron Deel

Date: 6/24/2021

(UST) B Operator Bi-Monthly Visual Inspection Checklist

Facility Name: UPS	Date: 6/24/2021
Facility Address: 5596 EAST MARGARET DRIVE	
City: TERRE HAUTE	Zipcode: 47803
UST Inspector: Ron Deel	
Certification #: 121842	Expiration Date: 2/2/2022 1:27:28PM
Signature: <i>Ronald Deel</i>	Phone:

Y = Yes, N = No, NA = Not Applicable

Item	MONITORING PANEL / ALARM HISTORY			Y	N	NA		
1	Monitoring system is powered on and in proper operating mode.			<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
2	Monitoring system is not currently showing any alarms or warnings.			<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
3	Alarm history report/log for the previous month is available, and has been reviewed by the B Operator. <i>(Attach a copy of the alarm history report/log to this form if available.)</i>			<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
4	Each alarm for the previous month has been responded to appropriately.			<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
5	Inventory is being recorded daily and reconciled monthly as required.			<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
- List all priority compliance alarms occurred in the past month:								
UST SYSTEM INSPECTION								
6	Tank-top containment sumps are free of alarm, tank pad and lids are in good condition.							
		Y	N	NA		Y	N	NA
	Sump location: T1 RUL	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Sump location	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Sump location T2 DSL	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Sump location	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Sump location	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Sump location	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7	Spill containment structures are free of water, debris, and hazardous substance. Containment bucket is in good condition. Spill caps, lids, poppets, and drains all in good condition. Drop tube is not obstructed.							
		Y	N	NA		Y	N	NA
	Tank 1 - Contents: 1 UNLEADED	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Tank 2 - Contents:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Tank 3 - Contents: 2 Diesel	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Tank 4 - Contents:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8	Under-dispenser containment areas are free of water, debris, and hazardous substance. Hanging Hardware is in good condition, with no leaks, defects or obstructions. Shear valves are properly anchored.							
		Y	N	NA		Y	N	NA
	Dispenser: 1/2	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Dispenser:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Dispenser: 3/4	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Dispenser:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Dispenser: 5/6	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Dispenser:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Dispenser: 6 SAT/	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Dispenser:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PAPERWORK / INSPECTION				Y	N	NA	DATE DONE	
9	UST Registration is visible.			<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
10	Monthly release detection results are available and complete.			<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
11	Line tightness & LD testing was completed within required timeframe.			<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
12	Monitoring system certification has been completed within past 12 months.			<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
13	Cathodic Protection reports and rectifier checks complete.			<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
14	Other required testing/maintenance was completed within required timefram. <i>(List test/maintenance items below.)</i>							
	Test/Maintenance:			<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
	Test/Maintenance:			<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
	Test/Maintenance:			<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
15	PVVC vent cap present on gasoline tanks.			<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
FACILITY EMPLOYEE TRAINING				Y	N	NA		
1	C Operators have received the required on-the-job training & sign off by B operator.			<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		

Note: Any answer of "N" should be explained in the comment section on the following page, and will require follow-up action.

Comments (include any unusual operating conditions):

RUL SUMP lid does not seal. Ring with hold down bolts is broken and not in place to seal lid.

Items Requiring Follow-Up (include actions taken to respond to any release, suspected release, spill, or overfill):

Instructions:

A copy of this visual inspection checklist must be provided to the UST Owner or Operator.

The Class B Operator must alert the UST Owner or Operator of any condition discovered during the monthly visual inspection that may require follow-up actions.

The UST Owner or Operator must maintain a copy of this visual inspection checklist and all attachments for the previous 12 months. The records must be maintained on-site or, if approved by the local agency, off-site at a readily available location.

ANNUAL CONTAINMENT SUMP INSPECTION

➤ This form may be utilized to document the inspection of containment sumps.

Date of Inspection
6/24/2021

UST Facility			Person Conducting Test	
Facility Name UPS	Facility ID # INTER	Tester's Name RDEEL		
Physical Address 5596 EAST MARGARET DRIVE			Company Tanknology Inc.	
City TERRE HAUTE	County VIGO	State IN	Certification # 121842	Expiration Date 2/2/2022
UST Owner UPS WORLD HQ			Tester's Signature <i>Ronald Deal</i>	Date 6/24/2021

Containment Sump Inspection

Sump Material of Construction	<input type="checkbox"/> Fiberglass Reinforced Plastic <input checked="" type="checkbox"/> Thermoplastic <input type="checkbox"/> Steel <input type="checkbox"/> Composite			
-------------------------------	--	--	--	--

Containment Sump Inspection Procedure

1. Clean-out and properly dispose of all debris, soil and/or fluids from the containment sump.
2. Visually examine the containment sump to ensure there are no cracks, holes, deteriorated seals, deformation or other indications that the sump is not liquid tight.
3. If the sump appears to be liquid tight and no water was in the sump, the inspection result is "pass" and no further action is required.
4. If the sump appears to be liquid tight but water was present within the sump, the inspection result is "fail".
5. If there is visual evidence that the sump is not liquid tight, then repair or replacement (see note below) of the sump is required.

Inspection Results for the Year 2021

Sump ID (product stored for STP or dispenser number)	STP:1 UNLEADED - 1	STP:2 Diesel - 1	UDC 1/2	UDC 3/4
Sump lid/gasket in good condition (yes/no)	N	Y	Y	Y
Sump is dry (yes/no)	Y	Y	Y	Y
All penetration fittings in good condition (yes/no)	Y	Y	Y	Y
Sump walls/bottom in good condition (yes/no)	Y	Y	Y	Y
Are there any leaks from pipe components (yes/no)	N	N	N	N
Inspection Result (Pass/Fail)	Fail	Pass	Pass	Pass

Comments:

ANNUAL CONTAINMENT SUMP INSPECTION

➤ This form may be utilized to document the inspection of containment sumps.

Date of Inspection
6/24/2021

UST Facility			Person Conducting Test	
Facility Name UPS	Facility ID # INTER	Tester's Name RDEEL		
Physical Address 5596 EAST MARGARET DRIVE			Company Tanknology Inc.	
City TERRE HAUTE	County VIGO	State IN	Certification # 121842	Expiration Date 2/2/2022
UST Owner UPS WORLD HQ			Tester's Signature <i>Ronald Deel</i>	Date 6/24/2021

Containment Sump Inspection

Sump Material of Construction	<input type="checkbox"/> Fiberglass Reinforced Plastic <input checked="" type="checkbox"/> Thermoplastic <input type="checkbox"/> Steel <input type="checkbox"/> Composite			
-------------------------------	--	--	--	--

Containment Sump Inspection Procedure

1. Clean-out and properly dispose of all debris, soil and/or fluids from the containment sump.
2. Visually examine the containment sump to ensure there are no cracks, holes, deteriorated seals, deformation or other indications that the sump is not liquid tight.
3. If the sump appears to be liquid tight and no water was in the sump, the inspection result is "pass" and no further action is required.
4. If the sump appears to be liquid tight but water was present within the sump, the inspection result is "fail".
5. If there is visual evidence that the sump is not liquid tight, then repair or replacement (see note below) of the sump is required.

Inspection Results for the Year 2021

Sump ID (product stored for STP or dispenser number)	UDC 5/6	UDC 6 SAT/		
Sump lid/gasket in good condition (yes/no)	Y	Y		
Sump is dry (yes/no)	Y	Y		
All penetration fittings in good condition (yes/no)	Y	Y		
Sump walls/bottom in good condition (yes/no)	Y	Y		
Are there any leaks from pipe components (yes/no)	N	N		
Inspection Result (Pass/Fail)	Pass	Pass		

Comments:

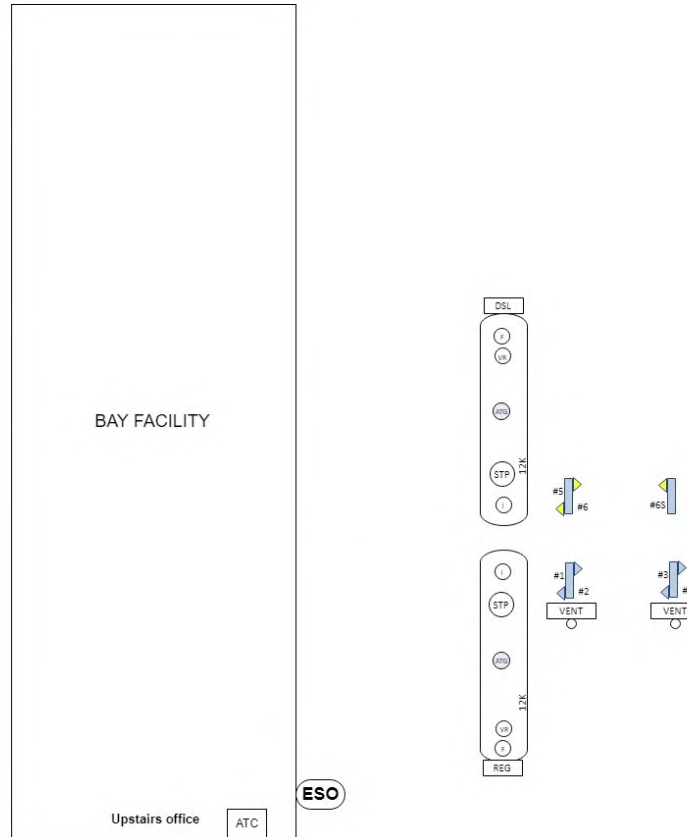


Site Diagram

(This site diagram is for reference only and is not drawn to scale)

Work Order: 6189874
Site ID / Name: INTER / UPS
Address: 5596 EAST MARGARET DRIVE
City: TERRE HAUTE

State: IN Zip: 47803





DSL drop tube



Tanknology Inc.
 11000 N. MoPac Expressway, Suite 500 Austin, TX 78759 (800) 964-0010
JOB CLEARANCE FORM & SITE SAFETY CHECKLIST - OVF

Policy 100-29-A
 Rev: G
 Revised: 2/11/2019

Site Name: UPS		Street Address: 5596 E. Margaret Dr. Terre Haute, IN 47803		W.D. # 6189874
Arrival Time: 820	Departure Time: 1230	Travel Time:	Others on site:	Date: 6/24/21

Scope of Work and Tasks Performed (JSA's must be available for all tasks)
ATG, Over-Fill Survey, S&S, LDs, STP Sump, Disp Sumps, Inspect Sump, Inspect Reg^M

Repairs to Equipment or Parts Provided:

Follow-up actions required; equipment isolated; comments:
Repair & Retest - All data entered & uploaded on site

PPE - PERSONAL PROTECTIVE EQUIPMENT REQUIRED (Check items used or mark - if not applicable)

<input checked="" type="checkbox"/> Safety Vest	<input checked="" type="checkbox"/> Safety Glasses	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Hearing Protection
<input checked="" type="checkbox"/> Steel Toe Boots	<input type="checkbox"/> Splash Goggles	<input type="checkbox"/> Hard Hat	<input type="checkbox"/> Other

PRE-TEST PROCEDURES (Check each item completed or mark - if not applicable)

- Discuss safety procedures with site personnel. Nearest hospital: **911**
- Prior to fuel deliveries the UST system must be placed back into working order.
- Secure entire work area with barricades (cones, flags, and extension bars, caution tape, pennant flags, or other perimeter guard).
- Place fire extinguishers and "No Smoking" signs in the work area.
- Confined Space Entry - If required complete separate CSE Checklist. If NO CSE REQUIRED check the following reason:
 No CS's CS's not opened No entry only visual No entry - used tools Work from prone position w/o risk of falling in
- Implement Lockout/Tagout per API 1646 (when accessing product piping during tasks)
 Secure nozzles with "Out of Service" bags and nylon ties. Secure the circuit breaker(s) with lockout devices and tags.
 Close ball valves or check valves on product piping. Disconnect electrical "bayonet" connector from the STP(s).
 All applicable equipment disabled during test(s). Verify LOTO is complete by trying to operate pumps.

General Safety Checks: All site personnel have been informed. Is a fuel delivery due today? NO LOTO procedures have been discussed. Work areas barricaded to protect workers, staff & public.	SIGN IN	
	Lead Technician Name Ronald Deal	Lead Technician Signature <i>Ronald Deal</i>
	Site Representative Name Clayton Begle	Site Representative Signature <i>Ct Begle</i>

POST-TEST PROCEDURES (Check each item completed or mark - if not applicable)

- Remove all "Lockout/Tagout" devices and nozzle bags/ties.
- Run all pumps and verify there are no leaks:
 Leak Detector Threads on STP's Impact Valve Test Ports under dispensers
 Functional Elements & Relief Screws
- Install lead wire seal on all test plugs & leak detectors that were serviced.
 Count LD threads: L1 ___ L2 ___ L3 ___ L4 ___ L5 ___ L6 ___
- Check following components operational:
 Ball floats, dry breaks & caps ATG probes, sensors, & caps
 Containment sumps are dry Cathodic protection operational
 Dispenser panels are replaced Dispensers & POS operational
 Leak detectors & vent tubes Drop tubes, flapper valves, fill adapters & caps
 Monitoring system is operational Manhole covers and sump lids
 Siphon lines and manifold valves open Shear valves are open
 STP fittings and bayonet connectors Spill containers & drain valves
 Vents & Extractors (not capped, plugged or isolated)
- Remove barricades.

General Safety Checks: Work area has been left clean & safe. Site staff aware of work status including any remaining isolation. Changes to equipment are documented and communicated. All incidents, near incidents, and unsafe situations reported.	SIGN OUT & Operator Verification of Work (OVF)	
	Lead Technician Name Ronald Deal	Lead Technician Signature <i>Ronald Deal</i>
	Site Representative Name Clayton Begle	Site Representative Signature <i>Ct Begle</i>

Site Representative Comments:

COMPANY CONFIDENTIAL

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20.00 / 3.70

265220 UPS
5596 E. MARGRET
TERRE HAUTE IN 47803

JUN 24. 2021 8:49 AM

SYSTEM STATUS REPORT

D 8: AUTODIAL FAILURE

INVENTORY REPORT

T 1: UNLEADED
VOLUME = 5021 GALS
ULLAGE = 6506 GALS
90% ULLAGE = 5353 GALS
TC VOLUME = 5001 GALS
HEIGHT = 40.08 INCHES
WATER VOL = 0 GALS
WATER = 0.00 INCHES
TEMP = 65.6 DEG F

T 2: DIESEL
VOLUME = 5531 GALS
ULLAGE = 5996 GALS
90% ULLAGE = 4843 GALS
TC VOLUME = 5517 GALS
HEIGHT = 43.10 INCHES
WATER VOL = 0 GALS
WATER = 0.00 INCHES
TEMP = 65.1 DEG F

***** END *****

265220 UPS
5596 E. MARGRET
TERRE HAUTE IN 47803

JUN 24. 2021 12:17 PM

SYSTEM STATUS REPORT

D 8: ALARM CLEAR WARNING

INVENTORY REPORT

T 1: UNLEADED
VOLUME = 5022 GALS
ULLAGE = 6505 GALS
90% ULLAGE = 5352 GALS
TC VOLUME = 5002 GALS
HEIGHT = 40.08 INCHES
WATER VOL = 22 GALS
WATER = 0.83 INCHES
TEMP = 65.5 DEG F

T 2: DIESEL
VOLUME = 5720 GALS
ULLAGE = 5807 GALS
90% ULLAGE = 4654 GALS
TC VOLUME = 5707 GALS
HEIGHT = 44.22 INCHES
WATER VOL = 0 GALS
WATER = 0.00 INCHES
TEMP = 65.0 DEG F

***** END *****

IN-TANK SETUP

T 1: UNLEADED
PRODUCT CODE : 000700
THERMAL COEFF : 92.00
TANK DIAMETER : 4 PTS
TANK PROFILE : 11527
FULL VOL : 9604
69.0 INCH VOL : 6023
46.0 INCH VOL : 2361
23.0 INCH VOL :

PRODUCT CODE : 000700
THERMAL COEFF : 92.00
TANK DIAMETER : 4 PTS
TANK PROFILE : 11527
FULL VOL : 9604
69.0 INCH VOL : 6023
46.0 INCH VOL : 2361
23.0 INCH VOL :
FLOAT SIZE: 4.0 IN.
WATER WARNING : 1.0
HIGH WATER LIMIT : 2.0
MAX OR LABEL VOL : 11527
OVERFILL LIMIT : 95%
10950
HIGH PRODUCT : 97%
11181
DELIVERY LIMIT : 10%
1152
LOW PRODUCT : 500
LEAK ALARM LIMIT : 99
SUDDEN LOSS LIMIT : 99
TANK TILT : 1.00

MANIFOLDED TANKS
T#: NONE

LEAK MIN PERIODIC : 0%
0
LEAK MIN ANNUAL : 0%
0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK: OFF

DELIVERY DELAY : 3 MIN

T 2: DIESEL
PRODUCT CODE : 000450
THERMAL COEFF : 92.00
TANK DIAMETER : 4 PTS
TANK PROFILE : 11527
FULL VOL : 9604
69.0 INCH VOL : 6023
46.0 INCH VOL : 2361
23.0 INCH VOL :

FLOAT SIZE: 4.0 IN.

WATER WARNING : 1.0
HIGH WATER LIMIT : 2.0

MAX OR LABEL VOL : 11527
OVERFILL LIMIT : 95%
10950

HIGH PRODUCT : 97%
11181
DELIVERY LIMIT : 10%
1152

LOW PRODUCT : 500
LEAK ALARM LIMIT : 99
SUDDEN LOSS LIMIT : 99
TANK TILT : 0.60

MANIFOLDED TANKS
T#: NONE

LEAK MIN PERIODIC : 0%
0

LEAK MIN ANNUAL : 0%
0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK: OFF

DELIVERY DELAY : 3 MIN

LEAK TEST METHOD

TEST WEEKLY : ALL TANK
SUN
START TIME : 12:01 AM
TEST RATE : 0.20 GAL HR
DURATION : 4 HOURS
TST EARLY STOP:DISABLED

LEAK TEST REPORT FORMAT
NORMAL

LIQUID SENSOR SETUP

L 1:UNLEADED ANNULAR
DUAL FLOAT HYDROSTATIC
CATEGORY : ANNULAR SPACE

L 2:UNLEADED SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

L 3:DIESEL ANNULAR
DUAL FLOAT HYDROSTATIC
CATEGORY : ANNULAR SPACE

L 4:DIESEL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

ALARM HISTORY REPORT

----- IN-TANK ALARM -----

T 1:UNLEADED

HIGH WATER ALARM
JUN 24. 2021 10:00 AM

OVERFILL ALARM
JUN 24. 2021 10:10 AM

HIGH PRODUCT ALARM
JUN 24. 2021 10:10 AM

INVALID FUEL LEVEL
JUN 24. 2021 9:50 AM

PROBE OUT
JUN 24. 2021 10:23 AM
JUN 24. 2021 9:50 AM

HIGH WATER WARNING
JUN 24. 2021 10:00 AM
JAN 18. 2020 2:56 PM
JAN 12. 2020 8:22 AM

DELIVERY NEEDED
JUN 24. 2021 9:50 AM
FEB 17. 2009 10:06 AM

MAX PRODUCT ALARM
JUN 24. 2021 10:10 AM

LOW TEMP WARNING
JUN 24. 2021 10:25 AM

ALARM HISTORY REPORT

----- IN-TANK ALARM -----

T 2:DIESEL

HIGH WATER ALARM
JUN 24. 2021 10:07 AM

OVERFILL ALARM
JUN 24. 2021 10:11 AM

LOW PRODUCT ALARM
JUN 24. 2021 9:55 AM

HIGH PRODUCT ALARM
JUN 24. 2021 10:11 AM

INVALID FUEL LEVEL
JUN 24. 2021 10:22 AM
AUG 13. 2012 5:41 PM

PROBE OUT
JUN 24. 2021 10:20 AM
JUN 24. 2021 9:54 AM
JAN 29. 2020 1:21 PM

HIGH WATER WARNING
JUN 24. 2021 10:07 AM

DELIVERY NEEDED
JUN 24. 2021 9:55 AM
JAN 29. 2020 1:08 PM
JAN 7. 2020 11:21 AM

MAX PRODUCT ALARM
JUN 24. 2021 10:12 AM

LOW TEMP WARNING
DEC 12. 2012 10:02 AM
AUG 13. 2012 5:40 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 1:UNLEADED ANNULAR
ANNULAR SPACE
HIGH LIQUID ALARM
JUN 24, 2021 9:52 AM

LOW LIQUID ALARM
JUN 24, 2021 9:52 AM

HIGH LIQUID ALARM
JUN 16, 2021 10:02 AM

* * * * * END * * * * *

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 3:DIESEL ANNULAR
ANNULAR SPACE
HIGH LIQUID ALARM
JUN 24, 2021 9:53 AM

LOW LIQUID ALARM
JUN 24, 2021 9:52 AM

HIGH LIQUID ALARM
JUN 16, 2021 10:03 AM

* * * * * END * * * * *

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 2:UNLEADED SUMP
PIPING SUMP
FUEL ALARM
JUN 24, 2021 9:49 AM

FUEL ALARM
JUN 16, 2021 9:58 AM

FUEL ALARM
MAY 17, 2021 1:07 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 4:DIESEL SUMP
PIPING SUMP
FUEL ALARM
JUN 24, 2021 10:13 AM

FUEL ALARM
JUN 24, 2021 9:53 AM

FUEL ALARM
JUN 16, 2021 10:07 AM

Attachment 2

All Laboratory Data, QAQC Samples & Chains of Custody

April 24, 2024

Mr. Stephen Vasas
Arcadis
55 Monument Circle
Suite 300B
Indianapolis, IN 46204

RE: Project: UPS Terre Haute UST Closure
Pace Project No.: 50370958

Dear Mr. Vasas:

Enclosed are the analytical results for sample(s) received by the laboratory on April 18, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Will Statz
will.statz@pacelabs.com
(317)228-3105
Project Manager

Enclosures

cc: Mr. Bryant Griggs, Arcadis U.S., Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Washington Dept of Ecology #: C1081

Wisconsin Laboratory #: 999788130

USDA Foreign Soil Permit #: 525-23-13-23119

USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50370958001	Trip Blank-01 (041724)	Solid	04/17/24 08:00	04/18/24 14:27
50370958002	W-SW-01 (6')	Solid	04/17/24 10:30	04/18/24 14:27
50370958003	UNL-BTM-01 (13'-14')	Solid	04/17/24 10:45	04/18/24 14:27
50370958004	UNL-BTM-02 (13'-14')	Solid	04/17/24 11:15	04/18/24 14:27
50370958005	UNL-BTM-03 (13'-14')	Solid	04/17/24 11:35	04/18/24 14:27
50370958006	W-SW-02 (6.5')	Solid	04/17/24 11:50	04/18/24 14:27
50370958007	W-SW-03 (7')	Solid	04/17/24 13:45	04/18/24 14:27
50370958008	DSL-BTM-04 (13'-14')	Solid	04/17/24 14:00	04/18/24 14:27
50370958009	DSL-BTM-05 (13'-14')	Solid	04/17/24 14:20	04/18/24 14:27
50370958010	W-SW-04 (7')	Solid	04/17/24 15:50	04/18/24 14:27
50370958011	DSL-BTM-06 (13'-14')	Solid	04/17/24 16:05	04/18/24 14:27
50370958012	N-SW-01 (7')	Solid	04/17/24 16:25	04/18/24 14:27
50370958013	SO-DUP-01	Solid	04/17/24 08:00	04/18/24 14:27
50370958014	SO-DUP-02	Solid	04/17/24 08:00	04/18/24 14:27

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50370958001	Trip Blank-01 (041724)	EPA 8260	TMW	72	PASI-I
50370958002	W-SW-01 (6')	EPA 6010	ELK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50370958003	UNL-BTM-01 (13'-14')	EPA 6010	ELK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50370958004	UNL-BTM-02 (13'-14')	EPA 6010	ELK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50370958005	UNL-BTM-03 (13'-14')	EPA 6010	ELK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50370958006	W-SW-02 (6.5')	EPA 6010	ELK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50370958007	W-SW-03 (7')	EPA 6010	ELK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50370958008	DSL-BTM-04 (13'-14')	EPA 6010	ELK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50370958009	DSL-BTM-05 (13'-14')	EPA 6010	ELK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50370958010	W-SW-04 (7')	EPA 6010	ELK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I

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SAMPLE ANALYTE COUNT

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50370958011	DSL-BTM-06 (13'-14')	EPA 6010	ELK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50370958012	N-SW-01 (7')	EPA 6010	ELK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50370958013	SO-DUP-01	EPA 6010	ELK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50370958014	SO-DUP-02	EPA 6010	ELK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

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SUMMARY OF DETECTION

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50370958002	W-SW-01 (6')					
EPA 6010	Lead	8.9	mg/kg	1.2	04/19/24 12:56	
SM 2540G	Percent Moisture	21.2	%	0.10	04/22/24 13:24	N2
50370958003	UNL-BTM-01 (13'-14')					
EPA 6010	Lead	8.4	mg/kg	1.1	04/19/24 13:03	
SM 2540G	Percent Moisture	16.0	%	0.10	04/22/24 13:24	N2
50370958004	UNL-BTM-02 (13'-14')					
EPA 6010	Lead	8.1	mg/kg	1.2	04/19/24 13:04	
SM 2540G	Percent Moisture	26.6	%	0.10	04/22/24 13:24	N2
50370958005	UNL-BTM-03 (13'-14')					
EPA 6010	Lead	8.1	mg/kg	1.2	04/19/24 13:08	
SM 2540G	Percent Moisture	24.4	%	0.10	04/22/24 13:24	N2
50370958006	W-SW-02 (6.5')					
EPA 6010	Lead	8.5	mg/kg	1.1	04/19/24 13:10	
SM 2540G	Percent Moisture	19.2	%	0.10	04/22/24 13:24	N2
50370958007	W-SW-03 (7')					
EPA 6010	Lead	8.6	mg/kg	1.2	04/19/24 13:11	
SM 2540G	Percent Moisture	24.7	%	0.10	04/22/24 13:24	N2
50370958008	DSL-BTM-04 (13'-14')					
EPA 6010	Lead	7.7	mg/kg	1.3	04/19/24 13:13	
SM 2540G	Percent Moisture	23.8	%	0.10	04/22/24 13:24	N2
50370958009	DSL-BTM-05 (13'-14')					
EPA 6010	Lead	7.8	mg/kg	1.2	04/19/24 13:14	
SM 2540G	Percent Moisture	21.6	%	0.10	04/22/24 13:24	N2
50370958010	W-SW-04 (7')					
EPA 6010	Lead	10.9	mg/kg	1.3	04/19/24 13:15	
SM 2540G	Percent Moisture	21.6	%	0.10	04/22/24 13:25	N2
50370958011	DSL-BTM-06 (13'-14')					
EPA 6010	Lead	6.5	mg/kg	1.3	04/19/24 13:17	
SM 2540G	Percent Moisture	25.0	%	0.10	04/22/24 13:25	N2
50370958012	N-SW-01 (7')					
EPA 6010	Lead	9.9	mg/kg	1.2	04/19/24 13:18	
EPA 8270 by SIM	Naphthalene	0.0079	mg/kg	0.0063	04/23/24 17:24	
SM 2540G	Percent Moisture	23.2	%	0.10	04/22/24 13:25	N2
50370958013	SO-DUP-01					
EPA 6010	Lead	7.5	mg/kg	1.0	04/19/24 13:19	
SM 2540G	Percent Moisture	17.2	%	0.10	04/22/24 13:25	N2
50370958014	SO-DUP-02					
EPA 6010	Lead	6.6	mg/kg	1.2	04/19/24 13:21	
SM 2540G	Percent Moisture	20.8	%	0.10	04/22/24 13:25	N2

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: Trip Blank-01 (041724) Lab ID: 50370958001 Collected: 04/17/24 08:00 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/kg	100	1		04/22/24 12:17	67-64-1	
Acrolein	ND	ug/kg	100	1		04/22/24 12:17	107-02-8	
Acrylonitrile	ND	ug/kg	100	1		04/22/24 12:17	107-13-1	
Benzene	ND	ug/kg	5.0	1		04/22/24 12:17	71-43-2	
Bromobenzene	ND	ug/kg	5.0	1		04/22/24 12:17	108-86-1	
Bromochloromethane	ND	ug/kg	5.0	1		04/22/24 12:17	74-97-5	
Bromodichloromethane	ND	ug/kg	5.0	1		04/22/24 12:17	75-27-4	
Bromoform	ND	ug/kg	5.0	1		04/22/24 12:17	75-25-2	
Bromomethane	ND	ug/kg	5.0	1		04/22/24 12:17	74-83-9	
2-Butanone (MEK)	ND	ug/kg	25.0	1		04/22/24 12:17	78-93-3	
n-Butylbenzene	ND	ug/kg	5.0	1		04/22/24 12:17	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.0	1		04/22/24 12:17	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.0	1		04/22/24 12:17	98-06-6	
Carbon disulfide	ND	ug/kg	10.0	1		04/22/24 12:17	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	1		04/22/24 12:17	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1		04/22/24 12:17	108-90-7	
Chloroethane	ND	ug/kg	5.0	1		04/22/24 12:17	75-00-3	
Chloroform	ND	ug/kg	5.0	1		04/22/24 12:17	67-66-3	
Chloromethane	ND	ug/kg	5.0	1		04/22/24 12:17	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.0	1		04/22/24 12:17	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.0	1		04/22/24 12:17	106-43-4	
Dibromochloromethane	ND	ug/kg	5.0	1		04/22/24 12:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1		04/22/24 12:17	106-93-4	
Dibromomethane	ND	ug/kg	5.0	1		04/22/24 12:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1		04/22/24 12:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1		04/22/24 12:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1		04/22/24 12:17	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	100	1		04/22/24 12:17	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.0	1		04/22/24 12:17	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.0	1		04/22/24 12:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1		04/22/24 12:17	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.0	1		04/22/24 12:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1		04/22/24 12:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1		04/22/24 12:17	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1		04/22/24 12:17	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.0	1		04/22/24 12:17	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.0	1		04/22/24 12:17	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.0	1		04/22/24 12:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1		04/22/24 12:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1		04/22/24 12:17	10061-02-6	
Ethylbenzene	ND	ug/kg	5.0	1		04/22/24 12:17	100-41-4	
Ethyl methacrylate	ND	ug/kg	100	1		04/22/24 12:17	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	1		04/22/24 12:17	87-68-3	
n-Hexane	ND	ug/kg	5.0	1		04/22/24 12:17	110-54-3	
2-Hexanone	ND	ug/kg	100	1		04/22/24 12:17	591-78-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: Trip Blank-01 (041724) Lab ID: 50370958001 Collected: 04/17/24 08:00 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Iodomethane	ND	ug/kg	100	1		04/22/24 12:17	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1		04/22/24 12:17	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.0	1		04/22/24 12:17	99-87-6	
Methylene Chloride	ND	ug/kg	20.0	1		04/22/24 12:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	25.0	1		04/22/24 12:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1		04/22/24 12:17	1634-04-4	
n-Propylbenzene	ND	ug/kg	5.0	1		04/22/24 12:17	103-65-1	
Styrene	ND	ug/kg	5.0	1		04/22/24 12:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	1		04/22/24 12:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1		04/22/24 12:17	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1		04/22/24 12:17	127-18-4	
Toluene	ND	ug/kg	5.0	1		04/22/24 12:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	1		04/22/24 12:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1		04/22/24 12:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1		04/22/24 12:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1		04/22/24 12:17	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1		04/22/24 12:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	1		04/22/24 12:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.0	1		04/22/24 12:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1		04/22/24 12:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1		04/22/24 12:17	108-67-8	
Vinyl acetate	ND	ug/kg	100	1		04/22/24 12:17	108-05-4	
Vinyl chloride	ND	ug/kg	5.0	1		04/22/24 12:17	75-01-4	
Xylene (Total)	ND	ug/kg	10.0	1		04/22/24 12:17	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	75-135	1		04/22/24 12:17	1868-53-7	
Toluene-d8 (S)	98	%.	65-148	1		04/22/24 12:17	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	63-132	1		04/22/24 12:17	460-00-4	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: W-SW-01 (6') Lab ID: 50370958002 Collected: 04/17/24 10:30 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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6010 MET ICP

Analytical Method: EPA 6010 Preparation Method: EPA 3050

Pace Analytical Services - Indianapolis

Lead	8.9	mg/kg	1.2	1	04/19/24 08:21	04/19/24 12:56	7439-92-1	
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8270 PAH Soil by SIM

Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546

Pace Analytical Services - Indianapolis

Acenaphthene	ND	mg/kg	0.0062	1	04/19/24 10:57	04/19/24 22:34	83-32-9	
Acenaphthylene	ND	mg/kg	0.0062	1	04/19/24 10:57	04/19/24 22:34	208-96-8	
Anthracene	ND	mg/kg	0.0062	1	04/19/24 10:57	04/19/24 22:34	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0062	1	04/19/24 10:57	04/19/24 22:34	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0062	1	04/19/24 10:57	04/19/24 22:34	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0062	1	04/19/24 10:57	04/19/24 22:34	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0062	1	04/19/24 10:57	04/19/24 22:34	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0062	1	04/19/24 10:57	04/19/24 22:34	207-08-9	
Chrysene	ND	mg/kg	0.0062	1	04/19/24 10:57	04/19/24 22:34	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0062	1	04/19/24 10:57	04/19/24 22:34	53-70-3	
Fluoranthene	ND	mg/kg	0.0062	1	04/19/24 10:57	04/19/24 22:34	206-44-0	
Fluorene	ND	mg/kg	0.0062	1	04/19/24 10:57	04/19/24 22:34	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0062	1	04/19/24 10:57	04/19/24 22:34	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0062	1	04/19/24 10:57	04/19/24 22:34	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0062	1	04/19/24 10:57	04/19/24 22:34	91-57-6	
Naphthalene	ND	mg/kg	0.0062	1	04/19/24 10:57	04/19/24 22:34	91-20-3	
Phenanthrene	ND	mg/kg	0.0062	1	04/19/24 10:57	04/19/24 22:34	85-01-8	
Pyrene	ND	mg/kg	0.0062	1	04/19/24 10:57	04/19/24 22:34	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	61	%	23-115	1	04/19/24 10:57	04/19/24 22:34	321-60-8	
p-Terphenyl-d14 (S)	67	%	19-136	1	04/19/24 10:57	04/19/24 22:34	1718-51-0	

8260 MSV 5035A VOA

Analytical Method: EPA 8260

Pace Analytical Services - Indianapolis

Acetone	ND	ug/kg	104	1		04/22/24 12:47	67-64-1	
Acrolein	ND	ug/kg	104	1		04/22/24 12:47	107-02-8	
Acrylonitrile	ND	ug/kg	104	1		04/22/24 12:47	107-13-1	
Benzene	ND	ug/kg	5.2	1		04/22/24 12:47	71-43-2	
Bromobenzene	ND	ug/kg	5.2	1		04/22/24 12:47	108-86-1	
Bromochloromethane	ND	ug/kg	5.2	1		04/22/24 12:47	74-97-5	
Bromodichloromethane	ND	ug/kg	5.2	1		04/22/24 12:47	75-27-4	
Bromoform	ND	ug/kg	5.2	1		04/22/24 12:47	75-25-2	
Bromomethane	ND	ug/kg	5.2	1		04/22/24 12:47	74-83-9	
2-Butanone (MEK)	ND	ug/kg	26.0	1		04/22/24 12:47	78-93-3	
n-Butylbenzene	ND	ug/kg	5.2	1		04/22/24 12:47	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.2	1		04/22/24 12:47	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.2	1		04/22/24 12:47	98-06-6	
Carbon disulfide	ND	ug/kg	10.4	1		04/22/24 12:47	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.2	1		04/22/24 12:47	56-23-5	
Chlorobenzene	ND	ug/kg	5.2	1		04/22/24 12:47	108-90-7	
Chloroethane	ND	ug/kg	5.2	1		04/22/24 12:47	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: W-SW-01 (6') Lab ID: 50370958002 Collected: 04/17/24 10:30 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	5.2	1		04/22/24 12:47	67-66-3	
Chloromethane	ND	ug/kg	5.2	1		04/22/24 12:47	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.2	1		04/22/24 12:47	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.2	1		04/22/24 12:47	106-43-4	
Dibromochloromethane	ND	ug/kg	5.2	1		04/22/24 12:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.2	1		04/22/24 12:47	106-93-4	
Dibromomethane	ND	ug/kg	5.2	1		04/22/24 12:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.2	1		04/22/24 12:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.2	1		04/22/24 12:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.2	1		04/22/24 12:47	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	104	1		04/22/24 12:47	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.2	1		04/22/24 12:47	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.2	1		04/22/24 12:47	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.2	1		04/22/24 12:47	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.2	1		04/22/24 12:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.2	1		04/22/24 12:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.2	1		04/22/24 12:47	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.2	1		04/22/24 12:47	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.2	1		04/22/24 12:47	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.2	1		04/22/24 12:47	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.2	1		04/22/24 12:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.2	1		04/22/24 12:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.2	1		04/22/24 12:47	10061-02-6	
Ethylbenzene	ND	ug/kg	5.2	1		04/22/24 12:47	100-41-4	
Ethyl methacrylate	ND	ug/kg	104	1		04/22/24 12:47	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.2	1		04/22/24 12:47	87-68-3	
n-Hexane	ND	ug/kg	5.2	1		04/22/24 12:47	110-54-3	
2-Hexanone	ND	ug/kg	104	1		04/22/24 12:47	591-78-6	
Iodomethane	ND	ug/kg	104	1		04/22/24 12:47	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.2	1		04/22/24 12:47	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.2	1		04/22/24 12:47	99-87-6	
Methylene Chloride	ND	ug/kg	20.8	1		04/22/24 12:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	26.0	1		04/22/24 12:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.2	1		04/22/24 12:47	1634-04-4	
n-Propylbenzene	ND	ug/kg	5.2	1		04/22/24 12:47	103-65-1	
Styrene	ND	ug/kg	5.2	1		04/22/24 12:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.2	1		04/22/24 12:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2	1		04/22/24 12:47	79-34-5	
Tetrachloroethene	ND	ug/kg	5.2	1		04/22/24 12:47	127-18-4	
Toluene	ND	ug/kg	5.2	1		04/22/24 12:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.2	1		04/22/24 12:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.2	1		04/22/24 12:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.2	1		04/22/24 12:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.2	1		04/22/24 12:47	79-00-5	
Trichloroethene	ND	ug/kg	5.2	1		04/22/24 12:47	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: **W-SW-01 (6')** Lab ID: **50370958002** Collected: 04/17/24 10:30 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	5.2	1		04/22/24 12:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.2	1		04/22/24 12:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.2	1		04/22/24 12:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.2	1		04/22/24 12:47	108-67-8	
Vinyl acetate	ND	ug/kg	104	1		04/22/24 12:47	108-05-4	
Vinyl chloride	ND	ug/kg	5.2	1		04/22/24 12:47	75-01-4	
Xylene (Total)	ND	ug/kg	10.4	1		04/22/24 12:47	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	75-135	1		04/22/24 12:47	1868-53-7	
Toluene-d8 (S)	99	%	65-148	1		04/22/24 12:47	2037-26-5	
4-Bromofluorobenzene (S)	102	%	63-132	1		04/22/24 12:47	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	21.2	%	0.10	1		04/22/24 13:24		N2

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: UNL-BTM-01 (13'-14') Lab ID: 50370958003 Collected: 04/17/24 10:45 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Pace Analytical Services - Indianapolis								
Lead	8.4	mg/kg	1.1	1	04/19/24 08:21	04/19/24 13:03	7439-92-1	
8270 PAH Soil by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Indianapolis								
Acenaphthene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 22:48	83-32-9	
Acenaphthylene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 22:48	208-96-8	
Anthracene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 22:48	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 22:48	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 22:48	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 22:48	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 22:48	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 22:48	207-08-9	
Chrysene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 22:48	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 22:48	53-70-3	
Fluoranthene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 22:48	206-44-0	
Fluorene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 22:48	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 22:48	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 22:48	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 22:48	91-57-6	
Naphthalene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 22:48	91-20-3	
Phenanthrene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 22:48	85-01-8	
Pyrene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 22:48	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	61	%	23-115	1	04/19/24 10:57	04/19/24 22:48	321-60-8	
p-Terphenyl-d14 (S)	69	%	19-136	1	04/19/24 10:57	04/19/24 22:48	1718-51-0	
8260 MSV 5035A VOA								
Analytical Method: EPA 8260								
Pace Analytical Services - Indianapolis								
Acetone	ND	ug/kg	97.0	1		04/22/24 13:17	67-64-1	
Acrolein	ND	ug/kg	97.0	1		04/22/24 13:17	107-02-8	
Acrylonitrile	ND	ug/kg	97.0	1		04/22/24 13:17	107-13-1	
Benzene	ND	ug/kg	4.9	1		04/22/24 13:17	71-43-2	
Bromobenzene	ND	ug/kg	4.9	1		04/22/24 13:17	108-86-1	
Bromochloromethane	ND	ug/kg	4.9	1		04/22/24 13:17	74-97-5	
Bromodichloromethane	ND	ug/kg	4.9	1		04/22/24 13:17	75-27-4	
Bromoform	ND	ug/kg	4.9	1		04/22/24 13:17	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		04/22/24 13:17	74-83-9	
2-Butanone (MEK)	ND	ug/kg	24.3	1		04/22/24 13:17	78-93-3	
n-Butylbenzene	ND	ug/kg	4.9	1		04/22/24 13:17	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.9	1		04/22/24 13:17	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.9	1		04/22/24 13:17	98-06-6	
Carbon disulfide	ND	ug/kg	9.7	1		04/22/24 13:17	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		04/22/24 13:17	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1		04/22/24 13:17	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		04/22/24 13:17	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: UNL-BTM-01 (13'-14') Lab ID: 50370958003 Collected: 04/17/24 10:45 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	4.9	1		04/22/24 13:17	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		04/22/24 13:17	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.9	1		04/22/24 13:17	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.9	1		04/22/24 13:17	106-43-4	
Dibromochloromethane	ND	ug/kg	4.9	1		04/22/24 13:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1		04/22/24 13:17	106-93-4	
Dibromomethane	ND	ug/kg	4.9	1		04/22/24 13:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		04/22/24 13:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		04/22/24 13:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1		04/22/24 13:17	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	97.0	1		04/22/24 13:17	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.9	1		04/22/24 13:17	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.9	1		04/22/24 13:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		04/22/24 13:17	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.9	1		04/22/24 13:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		04/22/24 13:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		04/22/24 13:17	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1		04/22/24 13:17	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.9	1		04/22/24 13:17	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.9	1		04/22/24 13:17	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.9	1		04/22/24 13:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		04/22/24 13:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		04/22/24 13:17	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1		04/22/24 13:17	100-41-4	
Ethyl methacrylate	ND	ug/kg	97.0	1		04/22/24 13:17	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	1		04/22/24 13:17	87-68-3	
n-Hexane	ND	ug/kg	4.9	1		04/22/24 13:17	110-54-3	
2-Hexanone	ND	ug/kg	97.0	1		04/22/24 13:17	591-78-6	
Iodomethane	ND	ug/kg	97.0	1		04/22/24 13:17	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		04/22/24 13:17	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.9	1		04/22/24 13:17	99-87-6	
Methylene Chloride	ND	ug/kg	19.4	1		04/22/24 13:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.3	1		04/22/24 13:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		04/22/24 13:17	1634-04-4	
n-Propylbenzene	ND	ug/kg	4.9	1		04/22/24 13:17	103-65-1	
Styrene	ND	ug/kg	4.9	1		04/22/24 13:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	1		04/22/24 13:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		04/22/24 13:17	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		04/22/24 13:17	127-18-4	
Toluene	ND	ug/kg	4.9	1		04/22/24 13:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	1		04/22/24 13:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1		04/22/24 13:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		04/22/24 13:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		04/22/24 13:17	79-00-5	
Trichloroethene	ND	ug/kg	4.9	1		04/22/24 13:17	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: UNL-BTM-01 (13'-14') Lab ID: 50370958003 Collected: 04/17/24 10:45 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	4.9	1		04/22/24 13:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.9	1		04/22/24 13:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	1		04/22/24 13:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1		04/22/24 13:17	108-67-8	
Vinyl acetate	ND	ug/kg	97.0	1		04/22/24 13:17	108-05-4	
Vinyl chloride	ND	ug/kg	4.9	1		04/22/24 13:17	75-01-4	
Xylene (Total)	ND	ug/kg	9.7	1		04/22/24 13:17	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	75-135	1		04/22/24 13:17	1868-53-7	
Toluene-d8 (S)	98	%	65-148	1		04/22/24 13:17	2037-26-5	
4-Bromofluorobenzene (S)	101	%	63-132	1		04/22/24 13:17	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	16.0	%	0.10	1		04/22/24 13:24		N2

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: UNL-BTM-02 (13'-14') Lab ID: 50370958004 Collected: 04/17/24 11:15 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Pace Analytical Services - Indianapolis								
Lead	8.1	mg/kg	1.2	1	04/19/24 08:21	04/19/24 13:04	7439-92-1	
8270 PAH Soil by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Indianapolis								
Acenaphthene	ND	mg/kg	0.0066	1	04/19/24 10:57	04/19/24 23:02	83-32-9	
Acenaphthylene	ND	mg/kg	0.0066	1	04/19/24 10:57	04/19/24 23:02	208-96-8	
Anthracene	ND	mg/kg	0.0066	1	04/19/24 10:57	04/19/24 23:02	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0066	1	04/19/24 10:57	04/19/24 23:02	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0066	1	04/19/24 10:57	04/19/24 23:02	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0066	1	04/19/24 10:57	04/19/24 23:02	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0066	1	04/19/24 10:57	04/19/24 23:02	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0066	1	04/19/24 10:57	04/19/24 23:02	207-08-9	
Chrysene	ND	mg/kg	0.0066	1	04/19/24 10:57	04/19/24 23:02	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0066	1	04/19/24 10:57	04/19/24 23:02	53-70-3	
Fluoranthene	ND	mg/kg	0.0066	1	04/19/24 10:57	04/19/24 23:02	206-44-0	
Fluorene	ND	mg/kg	0.0066	1	04/19/24 10:57	04/19/24 23:02	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0066	1	04/19/24 10:57	04/19/24 23:02	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0066	1	04/19/24 10:57	04/19/24 23:02	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0066	1	04/19/24 10:57	04/19/24 23:02	91-57-6	
Naphthalene	ND	mg/kg	0.0066	1	04/19/24 10:57	04/19/24 23:02	91-20-3	
Phenanthrene	ND	mg/kg	0.0066	1	04/19/24 10:57	04/19/24 23:02	85-01-8	
Pyrene	ND	mg/kg	0.0066	1	04/19/24 10:57	04/19/24 23:02	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	63	%.	23-115	1	04/19/24 10:57	04/19/24 23:02	321-60-8	
p-Terphenyl-d14 (S)	66	%.	19-136	1	04/19/24 10:57	04/19/24 23:02	1718-51-0	
8260 MSV 5035A VOA								
Analytical Method: EPA 8260								
Pace Analytical Services - Indianapolis								
Acetone	ND	ug/kg	131	1		04/22/24 13:48	67-64-1	
Acrolein	ND	ug/kg	131	1		04/22/24 13:48	107-02-8	
Acrylonitrile	ND	ug/kg	131	1		04/22/24 13:48	107-13-1	
Benzene	ND	ug/kg	6.6	1		04/22/24 13:48	71-43-2	
Bromobenzene	ND	ug/kg	6.6	1		04/22/24 13:48	108-86-1	
Bromochloromethane	ND	ug/kg	6.6	1		04/22/24 13:48	74-97-5	
Bromodichloromethane	ND	ug/kg	6.6	1		04/22/24 13:48	75-27-4	
Bromoform	ND	ug/kg	6.6	1		04/22/24 13:48	75-25-2	
Bromomethane	ND	ug/kg	6.6	1		04/22/24 13:48	74-83-9	
2-Butanone (MEK)	ND	ug/kg	32.8	1		04/22/24 13:48	78-93-3	
n-Butylbenzene	ND	ug/kg	6.6	1		04/22/24 13:48	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.6	1		04/22/24 13:48	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.6	1		04/22/24 13:48	98-06-6	
Carbon disulfide	ND	ug/kg	13.1	1		04/22/24 13:48	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.6	1		04/22/24 13:48	56-23-5	
Chlorobenzene	ND	ug/kg	6.6	1		04/22/24 13:48	108-90-7	
Chloroethane	ND	ug/kg	6.6	1		04/22/24 13:48	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: UNL-BTM-02 (13'-14') Lab ID: 50370958004 Collected: 04/17/24 11:15 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	6.6	1		04/22/24 13:48	67-66-3	
Chloromethane	ND	ug/kg	6.6	1		04/22/24 13:48	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.6	1		04/22/24 13:48	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.6	1		04/22/24 13:48	106-43-4	
Dibromochloromethane	ND	ug/kg	6.6	1		04/22/24 13:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.6	1		04/22/24 13:48	106-93-4	
Dibromomethane	ND	ug/kg	6.6	1		04/22/24 13:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.6	1		04/22/24 13:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.6	1		04/22/24 13:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.6	1		04/22/24 13:48	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	131	1		04/22/24 13:48	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	6.6	1		04/22/24 13:48	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.6	1		04/22/24 13:48	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.6	1		04/22/24 13:48	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.6	1		04/22/24 13:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.6	1		04/22/24 13:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.6	1		04/22/24 13:48	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.6	1		04/22/24 13:48	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.6	1		04/22/24 13:48	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.6	1		04/22/24 13:48	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.6	1		04/22/24 13:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.6	1		04/22/24 13:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.6	1		04/22/24 13:48	10061-02-6	
Ethylbenzene	ND	ug/kg	6.6	1		04/22/24 13:48	100-41-4	
Ethyl methacrylate	ND	ug/kg	131	1		04/22/24 13:48	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	6.6	1		04/22/24 13:48	87-68-3	
n-Hexane	ND	ug/kg	6.6	1		04/22/24 13:48	110-54-3	
2-Hexanone	ND	ug/kg	131	1		04/22/24 13:48	591-78-6	
Iodomethane	ND	ug/kg	131	1		04/22/24 13:48	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	6.6	1		04/22/24 13:48	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.6	1		04/22/24 13:48	99-87-6	
Methylene Chloride	ND	ug/kg	26.2	1		04/22/24 13:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	32.8	1		04/22/24 13:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.6	1		04/22/24 13:48	1634-04-4	
n-Propylbenzene	ND	ug/kg	6.6	1		04/22/24 13:48	103-65-1	
Styrene	ND	ug/kg	6.6	1		04/22/24 13:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.6	1		04/22/24 13:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.6	1		04/22/24 13:48	79-34-5	
Tetrachloroethene	ND	ug/kg	6.6	1		04/22/24 13:48	127-18-4	
Toluene	ND	ug/kg	6.6	1		04/22/24 13:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.6	1		04/22/24 13:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.6	1		04/22/24 13:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.6	1		04/22/24 13:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.6	1		04/22/24 13:48	79-00-5	
Trichloroethene	ND	ug/kg	6.6	1		04/22/24 13:48	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: UNL-BTM-02 (13'-14') Lab ID: 50370958004 Collected: 04/17/24 11:15 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	6.6	1		04/22/24 13:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.6	1		04/22/24 13:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.6	1		04/22/24 13:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.6	1		04/22/24 13:48	108-67-8	
Vinyl acetate	ND	ug/kg	131	1		04/22/24 13:48	108-05-4	
Vinyl chloride	ND	ug/kg	6.6	1		04/22/24 13:48	75-01-4	
Xylene (Total)	ND	ug/kg	13.1	1		04/22/24 13:48	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	75-135	1		04/22/24 13:48	1868-53-7	
Toluene-d8 (S)	98	%	65-148	1		04/22/24 13:48	2037-26-5	
4-Bromofluorobenzene (S)	101	%	63-132	1		04/22/24 13:48	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	26.6	%	0.10	1		04/22/24 13:24		N2

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: UNL-BTM-03 (13'-14') Lab ID: 50370958005 Collected: 04/17/24 11:35 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Pace Analytical Services - Indianapolis								
Lead	8.1	mg/kg	1.2	1	04/19/24 08:21	04/19/24 13:08	7439-92-1	
8270 PAH Soil by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Indianapolis								
Acenaphthene	ND	mg/kg	0.0064	1	04/19/24 10:57	04/19/24 23:16	83-32-9	
Acenaphthylene	ND	mg/kg	0.0064	1	04/19/24 10:57	04/19/24 23:16	208-96-8	
Anthracene	ND	mg/kg	0.0064	1	04/19/24 10:57	04/19/24 23:16	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0064	1	04/19/24 10:57	04/19/24 23:16	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0064	1	04/19/24 10:57	04/19/24 23:16	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0064	1	04/19/24 10:57	04/19/24 23:16	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0064	1	04/19/24 10:57	04/19/24 23:16	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0064	1	04/19/24 10:57	04/19/24 23:16	207-08-9	
Chrysene	ND	mg/kg	0.0064	1	04/19/24 10:57	04/19/24 23:16	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0064	1	04/19/24 10:57	04/19/24 23:16	53-70-3	
Fluoranthene	ND	mg/kg	0.0064	1	04/19/24 10:57	04/19/24 23:16	206-44-0	
Fluorene	ND	mg/kg	0.0064	1	04/19/24 10:57	04/19/24 23:16	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0064	1	04/19/24 10:57	04/19/24 23:16	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0064	1	04/19/24 10:57	04/19/24 23:16	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0064	1	04/19/24 10:57	04/19/24 23:16	91-57-6	
Naphthalene	ND	mg/kg	0.0064	1	04/19/24 10:57	04/19/24 23:16	91-20-3	
Phenanthrene	ND	mg/kg	0.0064	1	04/19/24 10:57	04/19/24 23:16	85-01-8	
Pyrene	ND	mg/kg	0.0064	1	04/19/24 10:57	04/19/24 23:16	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	62	%	23-115	1	04/19/24 10:57	04/19/24 23:16	321-60-8	
p-Terphenyl-d14 (S)	69	%	19-136	1	04/19/24 10:57	04/19/24 23:16	1718-51-0	
8260 MSV 5035A VOA								
Analytical Method: EPA 8260								
Pace Analytical Services - Indianapolis								
Acetone	ND	ug/kg	119	1		04/22/24 14:18	67-64-1	
Acrolein	ND	ug/kg	119	1		04/22/24 14:18	107-02-8	
Acrylonitrile	ND	ug/kg	119	1		04/22/24 14:18	107-13-1	
Benzene	ND	ug/kg	6.0	1		04/22/24 14:18	71-43-2	
Bromobenzene	ND	ug/kg	6.0	1		04/22/24 14:18	108-86-1	
Bromochloromethane	ND	ug/kg	6.0	1		04/22/24 14:18	74-97-5	
Bromodichloromethane	ND	ug/kg	6.0	1		04/22/24 14:18	75-27-4	
Bromoform	ND	ug/kg	6.0	1		04/22/24 14:18	75-25-2	
Bromomethane	ND	ug/kg	6.0	1		04/22/24 14:18	74-83-9	
2-Butanone (MEK)	ND	ug/kg	29.9	1		04/22/24 14:18	78-93-3	
n-Butylbenzene	ND	ug/kg	6.0	1		04/22/24 14:18	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.0	1		04/22/24 14:18	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.0	1		04/22/24 14:18	98-06-6	
Carbon disulfide	ND	ug/kg	11.9	1		04/22/24 14:18	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.0	1		04/22/24 14:18	56-23-5	
Chlorobenzene	ND	ug/kg	6.0	1		04/22/24 14:18	108-90-7	
Chloroethane	ND	ug/kg	6.0	1		04/22/24 14:18	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: UNL-BTM-03 (13'-14') Lab ID: 50370958005 Collected: 04/17/24 11:35 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	6.0	1		04/22/24 14:18	67-66-3	
Chloromethane	ND	ug/kg	6.0	1		04/22/24 14:18	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.0	1		04/22/24 14:18	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.0	1		04/22/24 14:18	106-43-4	
Dibromochloromethane	ND	ug/kg	6.0	1		04/22/24 14:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.0	1		04/22/24 14:18	106-93-4	
Dibromomethane	ND	ug/kg	6.0	1		04/22/24 14:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.0	1		04/22/24 14:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.0	1		04/22/24 14:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.0	1		04/22/24 14:18	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	119	1		04/22/24 14:18	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	6.0	1		04/22/24 14:18	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.0	1		04/22/24 14:18	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.0	1		04/22/24 14:18	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.0	1		04/22/24 14:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.0	1		04/22/24 14:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.0	1		04/22/24 14:18	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.0	1		04/22/24 14:18	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.0	1		04/22/24 14:18	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.0	1		04/22/24 14:18	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.0	1		04/22/24 14:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.0	1		04/22/24 14:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.0	1		04/22/24 14:18	10061-02-6	
Ethylbenzene	ND	ug/kg	6.0	1		04/22/24 14:18	100-41-4	
Ethyl methacrylate	ND	ug/kg	119	1		04/22/24 14:18	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	6.0	1		04/22/24 14:18	87-68-3	
n-Hexane	ND	ug/kg	6.0	1		04/22/24 14:18	110-54-3	
2-Hexanone	ND	ug/kg	119	1		04/22/24 14:18	591-78-6	
Iodomethane	ND	ug/kg	119	1		04/22/24 14:18	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	6.0	1		04/22/24 14:18	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.0	1		04/22/24 14:18	99-87-6	
Methylene Chloride	ND	ug/kg	23.9	1		04/22/24 14:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	29.9	1		04/22/24 14:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.0	1		04/22/24 14:18	1634-04-4	
n-Propylbenzene	ND	ug/kg	6.0	1		04/22/24 14:18	103-65-1	
Styrene	ND	ug/kg	6.0	1		04/22/24 14:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.0	1		04/22/24 14:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.0	1		04/22/24 14:18	79-34-5	
Tetrachloroethene	ND	ug/kg	6.0	1		04/22/24 14:18	127-18-4	
Toluene	ND	ug/kg	6.0	1		04/22/24 14:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.0	1		04/22/24 14:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.0	1		04/22/24 14:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.0	1		04/22/24 14:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.0	1		04/22/24 14:18	79-00-5	
Trichloroethene	ND	ug/kg	6.0	1		04/22/24 14:18	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: UNL-BTM-03 (13'-14') Lab ID: 50370958005 Collected: 04/17/24 11:35 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	6.0	1		04/22/24 14:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.0	1		04/22/24 14:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.0	1		04/22/24 14:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.0	1		04/22/24 14:18	108-67-8	
Vinyl acetate	ND	ug/kg	119	1		04/22/24 14:18	108-05-4	
Vinyl chloride	ND	ug/kg	6.0	1		04/22/24 14:18	75-01-4	
Xylene (Total)	ND	ug/kg	11.9	1		04/22/24 14:18	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%	75-135	1		04/22/24 14:18	1868-53-7	
Toluene-d8 (S)	97	%	65-148	1		04/22/24 14:18	2037-26-5	
4-Bromofluorobenzene (S)	101	%	63-132	1		04/22/24 14:18	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	24.4	%	0.10	1		04/22/24 13:24		N2

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: W-SW-02 (6.5') Lab ID: 50370958006 Collected: 04/17/24 11:50 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Pace Analytical Services - Indianapolis								
Lead	8.5	mg/kg	1.1	1	04/19/24 08:21	04/19/24 13:10	7439-92-1	
8270 PAH Soil by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Indianapolis								
Acenaphthene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 23:30	83-32-9	
Acenaphthylene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 23:30	208-96-8	
Anthracene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 23:30	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 23:30	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 23:30	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 23:30	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 23:30	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 23:30	207-08-9	
Chrysene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 23:30	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 23:30	53-70-3	
Fluoranthene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 23:30	206-44-0	
Fluorene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 23:30	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 23:30	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 23:30	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 23:30	91-57-6	
Naphthalene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 23:30	91-20-3	
Phenanthrene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 23:30	85-01-8	
Pyrene	ND	mg/kg	0.0058	1	04/19/24 10:57	04/19/24 23:30	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	58	%	23-115	1	04/19/24 10:57	04/19/24 23:30	321-60-8	
p-Terphenyl-d14 (S)	70	%	19-136	1	04/19/24 10:57	04/19/24 23:30	1718-51-0	
8260 MSV 5035A VOA								
Analytical Method: EPA 8260								
Pace Analytical Services - Indianapolis								
Acetone	ND	ug/kg	104	1		04/22/24 14:48	67-64-1	
Acrolein	ND	ug/kg	104	1		04/22/24 14:48	107-02-8	
Acrylonitrile	ND	ug/kg	104	1		04/22/24 14:48	107-13-1	
Benzene	ND	ug/kg	5.2	1		04/22/24 14:48	71-43-2	
Bromobenzene	ND	ug/kg	5.2	1		04/22/24 14:48	108-86-1	
Bromochloromethane	ND	ug/kg	5.2	1		04/22/24 14:48	74-97-5	
Bromodichloromethane	ND	ug/kg	5.2	1		04/22/24 14:48	75-27-4	
Bromoform	ND	ug/kg	5.2	1		04/22/24 14:48	75-25-2	
Bromomethane	ND	ug/kg	5.2	1		04/22/24 14:48	74-83-9	
2-Butanone (MEK)	ND	ug/kg	25.9	1		04/22/24 14:48	78-93-3	
n-Butylbenzene	ND	ug/kg	5.2	1		04/22/24 14:48	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.2	1		04/22/24 14:48	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.2	1		04/22/24 14:48	98-06-6	
Carbon disulfide	ND	ug/kg	10.4	1		04/22/24 14:48	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.2	1		04/22/24 14:48	56-23-5	
Chlorobenzene	ND	ug/kg	5.2	1		04/22/24 14:48	108-90-7	
Chloroethane	ND	ug/kg	5.2	1		04/22/24 14:48	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: W-SW-02 (6.5') Lab ID: 50370958006 Collected: 04/17/24 11:50 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	5.2	1		04/22/24 14:48	67-66-3	
Chloromethane	ND	ug/kg	5.2	1		04/22/24 14:48	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.2	1		04/22/24 14:48	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.2	1		04/22/24 14:48	106-43-4	
Dibromochloromethane	ND	ug/kg	5.2	1		04/22/24 14:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.2	1		04/22/24 14:48	106-93-4	
Dibromomethane	ND	ug/kg	5.2	1		04/22/24 14:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.2	1		04/22/24 14:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.2	1		04/22/24 14:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.2	1		04/22/24 14:48	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	104	1		04/22/24 14:48	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.2	1		04/22/24 14:48	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.2	1		04/22/24 14:48	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.2	1		04/22/24 14:48	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.2	1		04/22/24 14:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.2	1		04/22/24 14:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.2	1		04/22/24 14:48	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.2	1		04/22/24 14:48	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.2	1		04/22/24 14:48	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.2	1		04/22/24 14:48	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.2	1		04/22/24 14:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.2	1		04/22/24 14:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.2	1		04/22/24 14:48	10061-02-6	
Ethylbenzene	ND	ug/kg	5.2	1		04/22/24 14:48	100-41-4	
Ethyl methacrylate	ND	ug/kg	104	1		04/22/24 14:48	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.2	1		04/22/24 14:48	87-68-3	
n-Hexane	ND	ug/kg	5.2	1		04/22/24 14:48	110-54-3	
2-Hexanone	ND	ug/kg	104	1		04/22/24 14:48	591-78-6	
Iodomethane	ND	ug/kg	104	1		04/22/24 14:48	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.2	1		04/22/24 14:48	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.2	1		04/22/24 14:48	99-87-6	
Methylene Chloride	ND	ug/kg	20.7	1		04/22/24 14:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	25.9	1		04/22/24 14:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.2	1		04/22/24 14:48	1634-04-4	
n-Propylbenzene	ND	ug/kg	5.2	1		04/22/24 14:48	103-65-1	
Styrene	ND	ug/kg	5.2	1		04/22/24 14:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.2	1		04/22/24 14:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2	1		04/22/24 14:48	79-34-5	
Tetrachloroethene	ND	ug/kg	5.2	1		04/22/24 14:48	127-18-4	
Toluene	ND	ug/kg	5.2	1		04/22/24 14:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.2	1		04/22/24 14:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.2	1		04/22/24 14:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.2	1		04/22/24 14:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.2	1		04/22/24 14:48	79-00-5	
Trichloroethene	ND	ug/kg	5.2	1		04/22/24 14:48	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: W-SW-02 (6.5') Lab ID: 50370958006 Collected: 04/17/24 11:50 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	5.2	1		04/22/24 14:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.2	1		04/22/24 14:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.2	1		04/22/24 14:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.2	1		04/22/24 14:48	108-67-8	
Vinyl acetate	ND	ug/kg	104	1		04/22/24 14:48	108-05-4	
Vinyl chloride	ND	ug/kg	5.2	1		04/22/24 14:48	75-01-4	
Xylene (Total)	ND	ug/kg	10.4	1		04/22/24 14:48	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%	75-135	1		04/22/24 14:48	1868-53-7	
Toluene-d8 (S)	97	%	65-148	1		04/22/24 14:48	2037-26-5	
4-Bromofluorobenzene (S)	103	%	63-132	1		04/22/24 14:48	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	19.2	%	0.10	1		04/22/24 13:24		N2

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: W-SW-03 (7') Lab ID: 50370958007 Collected: 04/17/24 13:45 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Pace Analytical Services - Indianapolis								
Lead	8.6	mg/kg	1.2	1	04/19/24 08:21	04/19/24 13:11	7439-92-1	
8270 PAH Soil by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Indianapolis								
Acenaphthene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:13	83-32-9	
Acenaphthylene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:13	208-96-8	
Anthracene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:13	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:13	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:13	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:13	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:13	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:13	207-08-9	
Chrysene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:13	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:13	53-70-3	
Fluoranthene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:13	206-44-0	
Fluorene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:13	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:13	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:13	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:13	91-57-6	
Naphthalene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:13	91-20-3	
Phenanthrene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:13	85-01-8	
Pyrene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:13	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	65	%.	16-93	1	04/22/24 21:03	04/23/24 16:13	321-60-8	
p-Terphenyl-d14 (S)	76	%.	19-115	1	04/22/24 21:03	04/23/24 16:13	1718-51-0	
8260 MSV 5035A VOA								
Analytical Method: EPA 8260								
Pace Analytical Services - Indianapolis								
Acetone	ND	ug/kg	120	1		04/22/24 15:19	67-64-1	
Acrolein	ND	ug/kg	120	1		04/22/24 15:19	107-02-8	
Acrylonitrile	ND	ug/kg	120	1		04/22/24 15:19	107-13-1	
Benzene	ND	ug/kg	6.0	1		04/22/24 15:19	71-43-2	
Bromobenzene	ND	ug/kg	6.0	1		04/22/24 15:19	108-86-1	
Bromochloromethane	ND	ug/kg	6.0	1		04/22/24 15:19	74-97-5	
Bromodichloromethane	ND	ug/kg	6.0	1		04/22/24 15:19	75-27-4	
Bromoform	ND	ug/kg	6.0	1		04/22/24 15:19	75-25-2	
Bromomethane	ND	ug/kg	6.0	1		04/22/24 15:19	74-83-9	
2-Butanone (MEK)	ND	ug/kg	29.9	1		04/22/24 15:19	78-93-3	
n-Butylbenzene	ND	ug/kg	6.0	1		04/22/24 15:19	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.0	1		04/22/24 15:19	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.0	1		04/22/24 15:19	98-06-6	
Carbon disulfide	ND	ug/kg	12.0	1		04/22/24 15:19	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.0	1		04/22/24 15:19	56-23-5	
Chlorobenzene	ND	ug/kg	6.0	1		04/22/24 15:19	108-90-7	
Chloroethane	ND	ug/kg	6.0	1		04/22/24 15:19	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: W-SW-03 (7') Lab ID: 50370958007 Collected: 04/17/24 13:45 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	6.0	1		04/22/24 15:19	67-66-3	
Chloromethane	ND	ug/kg	6.0	1		04/22/24 15:19	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.0	1		04/22/24 15:19	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.0	1		04/22/24 15:19	106-43-4	
Dibromochloromethane	ND	ug/kg	6.0	1		04/22/24 15:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.0	1		04/22/24 15:19	106-93-4	
Dibromomethane	ND	ug/kg	6.0	1		04/22/24 15:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.0	1		04/22/24 15:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.0	1		04/22/24 15:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.0	1		04/22/24 15:19	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	120	1		04/22/24 15:19	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	6.0	1		04/22/24 15:19	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.0	1		04/22/24 15:19	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.0	1		04/22/24 15:19	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.0	1		04/22/24 15:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.0	1		04/22/24 15:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.0	1		04/22/24 15:19	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.0	1		04/22/24 15:19	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.0	1		04/22/24 15:19	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.0	1		04/22/24 15:19	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.0	1		04/22/24 15:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.0	1		04/22/24 15:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.0	1		04/22/24 15:19	10061-02-6	
Ethylbenzene	ND	ug/kg	6.0	1		04/22/24 15:19	100-41-4	
Ethyl methacrylate	ND	ug/kg	120	1		04/22/24 15:19	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	6.0	1		04/22/24 15:19	87-68-3	
n-Hexane	ND	ug/kg	6.0	1		04/22/24 15:19	110-54-3	
2-Hexanone	ND	ug/kg	120	1		04/22/24 15:19	591-78-6	
Iodomethane	ND	ug/kg	120	1		04/22/24 15:19	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	6.0	1		04/22/24 15:19	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.0	1		04/22/24 15:19	99-87-6	
Methylene Chloride	ND	ug/kg	23.9	1		04/22/24 15:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	29.9	1		04/22/24 15:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.0	1		04/22/24 15:19	1634-04-4	
n-Propylbenzene	ND	ug/kg	6.0	1		04/22/24 15:19	103-65-1	
Styrene	ND	ug/kg	6.0	1		04/22/24 15:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.0	1		04/22/24 15:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.0	1		04/22/24 15:19	79-34-5	
Tetrachloroethene	ND	ug/kg	6.0	1		04/22/24 15:19	127-18-4	
Toluene	ND	ug/kg	6.0	1		04/22/24 15:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.0	1		04/22/24 15:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.0	1		04/22/24 15:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.0	1		04/22/24 15:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.0	1		04/22/24 15:19	79-00-5	
Trichloroethene	ND	ug/kg	6.0	1		04/22/24 15:19	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: **W-SW-03 (7')** Lab ID: **50370958007** Collected: 04/17/24 13:45 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	6.0	1		04/22/24 15:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.0	1		04/22/24 15:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.0	1		04/22/24 15:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.0	1		04/22/24 15:19	108-67-8	
Vinyl acetate	ND	ug/kg	120	1		04/22/24 15:19	108-05-4	
Vinyl chloride	ND	ug/kg	6.0	1		04/22/24 15:19	75-01-4	
Xylene (Total)	ND	ug/kg	12.0	1		04/22/24 15:19	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%	75-135	1		04/22/24 15:19	1868-53-7	
Toluene-d8 (S)	98	%	65-148	1		04/22/24 15:19	2037-26-5	
4-Bromofluorobenzene (S)	102	%	63-132	1		04/22/24 15:19	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	24.7	%	0.10	1		04/22/24 13:24		N2

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: DSL-BTM-04 (13'-14') Lab ID: 50370958008 Collected: 04/17/24 14:00 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Pace Analytical Services - Indianapolis								
Lead	7.7	mg/kg	1.3	1	04/19/24 08:21	04/19/24 13:13	7439-92-1	
8270 PAH Soil by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Indianapolis								
Acenaphthene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:27	83-32-9	
Acenaphthylene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:27	208-96-8	
Anthracene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:27	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:27	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:27	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:27	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:27	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:27	207-08-9	
Chrysene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:27	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:27	53-70-3	
Fluoranthene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:27	206-44-0	
Fluorene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:27	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:27	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:27	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:27	91-57-6	
Naphthalene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:27	91-20-3	
Phenanthrene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:27	85-01-8	
Pyrene	ND	mg/kg	0.0064	1	04/22/24 21:03	04/23/24 16:27	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	66	%.	16-93	1	04/22/24 21:03	04/23/24 16:27	321-60-8	
p-Terphenyl-d14 (S)	66	%.	19-115	1	04/22/24 21:03	04/23/24 16:27	1718-51-0	
8260 MSV 5035A VOA								
Analytical Method: EPA 8260								
Pace Analytical Services - Indianapolis								
Acetone	ND	ug/kg	113	1		04/22/24 15:49	67-64-1	
Acrolein	ND	ug/kg	113	1		04/22/24 15:49	107-02-8	
Acrylonitrile	ND	ug/kg	113	1		04/22/24 15:49	107-13-1	
Benzene	ND	ug/kg	5.6	1		04/22/24 15:49	71-43-2	
Bromobenzene	ND	ug/kg	5.6	1		04/22/24 15:49	108-86-1	
Bromochloromethane	ND	ug/kg	5.6	1		04/22/24 15:49	74-97-5	
Bromodichloromethane	ND	ug/kg	5.6	1		04/22/24 15:49	75-27-4	
Bromoform	ND	ug/kg	5.6	1		04/22/24 15:49	75-25-2	
Bromomethane	ND	ug/kg	5.6	1		04/22/24 15:49	74-83-9	
2-Butanone (MEK)	ND	ug/kg	28.2	1		04/22/24 15:49	78-93-3	
n-Butylbenzene	ND	ug/kg	5.6	1		04/22/24 15:49	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.6	1		04/22/24 15:49	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.6	1		04/22/24 15:49	98-06-6	
Carbon disulfide	ND	ug/kg	11.3	1		04/22/24 15:49	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.6	1		04/22/24 15:49	56-23-5	
Chlorobenzene	ND	ug/kg	5.6	1		04/22/24 15:49	108-90-7	
Chloroethane	ND	ug/kg	5.6	1		04/22/24 15:49	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: DSL-BTM-04 (13'-14') Lab ID: 50370958008 Collected: 04/17/24 14:00 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	5.6	1		04/22/24 15:49	67-66-3	
Chloromethane	ND	ug/kg	5.6	1		04/22/24 15:49	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.6	1		04/22/24 15:49	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.6	1		04/22/24 15:49	106-43-4	
Dibromochloromethane	ND	ug/kg	5.6	1		04/22/24 15:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	1		04/22/24 15:49	106-93-4	
Dibromomethane	ND	ug/kg	5.6	1		04/22/24 15:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.6	1		04/22/24 15:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.6	1		04/22/24 15:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.6	1		04/22/24 15:49	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	113	1		04/22/24 15:49	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.6	1		04/22/24 15:49	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.6	1		04/22/24 15:49	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.6	1		04/22/24 15:49	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.6	1		04/22/24 15:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.6	1		04/22/24 15:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.6	1		04/22/24 15:49	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.6	1		04/22/24 15:49	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.6	1		04/22/24 15:49	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.6	1		04/22/24 15:49	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.6	1		04/22/24 15:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.6	1		04/22/24 15:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.6	1		04/22/24 15:49	10061-02-6	
Ethylbenzene	ND	ug/kg	5.6	1		04/22/24 15:49	100-41-4	
Ethyl methacrylate	ND	ug/kg	113	1		04/22/24 15:49	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.6	1		04/22/24 15:49	87-68-3	
n-Hexane	ND	ug/kg	5.6	1		04/22/24 15:49	110-54-3	
2-Hexanone	ND	ug/kg	113	1		04/22/24 15:49	591-78-6	
Iodomethane	ND	ug/kg	113	1		04/22/24 15:49	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	1		04/22/24 15:49	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.6	1		04/22/24 15:49	99-87-6	
Methylene Chloride	ND	ug/kg	22.6	1		04/22/24 15:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	28.2	1		04/22/24 15:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.6	1		04/22/24 15:49	1634-04-4	
n-Propylbenzene	ND	ug/kg	5.6	1		04/22/24 15:49	103-65-1	
Styrene	ND	ug/kg	5.6	1		04/22/24 15:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.6	1		04/22/24 15:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	1		04/22/24 15:49	79-34-5	
Tetrachloroethene	ND	ug/kg	5.6	1		04/22/24 15:49	127-18-4	
Toluene	ND	ug/kg	5.6	1		04/22/24 15:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.6	1		04/22/24 15:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	1		04/22/24 15:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.6	1		04/22/24 15:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.6	1		04/22/24 15:49	79-00-5	
Trichloroethene	ND	ug/kg	5.6	1		04/22/24 15:49	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: **DSL-BTM-04 (13'-14')** Lab ID: **50370958008** Collected: 04/17/24 14:00 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	5.6	1		04/22/24 15:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.6	1		04/22/24 15:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	1		04/22/24 15:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	1		04/22/24 15:49	108-67-8	
Vinyl acetate	ND	ug/kg	113	1		04/22/24 15:49	108-05-4	
Vinyl chloride	ND	ug/kg	5.6	1		04/22/24 15:49	75-01-4	
Xylene (Total)	ND	ug/kg	11.3	1		04/22/24 15:49	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	75-135	1		04/22/24 15:49	1868-53-7	
Toluene-d8 (S)	99	%	65-148	1		04/22/24 15:49	2037-26-5	
4-Bromofluorobenzene (S)	102	%	63-132	1		04/22/24 15:49	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	23.8	%	0.10	1		04/22/24 13:24		N2

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: DSL-BTM-05 (13'-14') Lab ID: 50370958009 Collected: 04/17/24 14:20 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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6010 MET ICP

Analytical Method: EPA 6010 Preparation Method: EPA 3050

Pace Analytical Services - Indianapolis

Lead	7.8	mg/kg	1.2	1	04/19/24 08:21	04/19/24 13:14	7439-92-1	
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8270 PAH Soil by SIM

Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546

Pace Analytical Services - Indianapolis

Acenaphthene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 16:41	83-32-9	
Acenaphthylene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 16:41	208-96-8	
Anthracene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 16:41	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 16:41	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 16:41	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 16:41	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 16:41	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 16:41	207-08-9	
Chrysene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 16:41	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 16:41	53-70-3	
Fluoranthene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 16:41	206-44-0	
Fluorene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 16:41	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 16:41	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 16:41	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 16:41	91-57-6	
Naphthalene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 16:41	91-20-3	
Phenanthrene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 16:41	85-01-8	
Pyrene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 16:41	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	62	%	16-93	1	04/22/24 21:03	04/23/24 16:41	321-60-8	
p-Terphenyl-d14 (S)	58	%	19-115	1	04/22/24 21:03	04/23/24 16:41	1718-51-0	

8260 MSV 5035A VOA

Analytical Method: EPA 8260

Pace Analytical Services - Indianapolis

Acetone	ND	ug/kg	112	1		04/22/24 12:32	67-64-1	
Acrolein	ND	ug/kg	112	1		04/22/24 12:32	107-02-8	
Acrylonitrile	ND	ug/kg	112	1		04/22/24 12:32	107-13-1	
Benzene	ND	ug/kg	5.6	1		04/22/24 12:32	71-43-2	
Bromobenzene	ND	ug/kg	5.6	1		04/22/24 12:32	108-86-1	
Bromochloromethane	ND	ug/kg	5.6	1		04/22/24 12:32	74-97-5	
Bromodichloromethane	ND	ug/kg	5.6	1		04/22/24 12:32	75-27-4	
Bromoform	ND	ug/kg	5.6	1		04/22/24 12:32	75-25-2	
Bromomethane	ND	ug/kg	5.6	1		04/22/24 12:32	74-83-9	
2-Butanone (MEK)	ND	ug/kg	28.0	1		04/22/24 12:32	78-93-3	
n-Butylbenzene	ND	ug/kg	5.6	1		04/22/24 12:32	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.6	1		04/22/24 12:32	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.6	1		04/22/24 12:32	98-06-6	
Carbon disulfide	ND	ug/kg	11.2	1		04/22/24 12:32	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.6	1		04/22/24 12:32	56-23-5	
Chlorobenzene	ND	ug/kg	5.6	1		04/22/24 12:32	108-90-7	
Chloroethane	ND	ug/kg	5.6	1		04/22/24 12:32	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: DSL-BTM-05 (13'-14') Lab ID: 50370958009 Collected: 04/17/24 14:20 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	5.6	1		04/22/24 12:32	67-66-3	
Chloromethane	ND	ug/kg	5.6	1		04/22/24 12:32	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.6	1		04/22/24 12:32	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.6	1		04/22/24 12:32	106-43-4	
Dibromochloromethane	ND	ug/kg	5.6	1		04/22/24 12:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	1		04/22/24 12:32	106-93-4	
Dibromomethane	ND	ug/kg	5.6	1		04/22/24 12:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.6	1		04/22/24 12:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.6	1		04/22/24 12:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.6	1		04/22/24 12:32	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	112	1		04/22/24 12:32	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.6	1		04/22/24 12:32	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.6	1		04/22/24 12:32	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.6	1		04/22/24 12:32	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.6	1		04/22/24 12:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.6	1		04/22/24 12:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.6	1		04/22/24 12:32	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.6	1		04/22/24 12:32	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.6	1		04/22/24 12:32	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.6	1		04/22/24 12:32	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.6	1		04/22/24 12:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.6	1		04/22/24 12:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.6	1		04/22/24 12:32	10061-02-6	
Ethylbenzene	ND	ug/kg	5.6	1		04/22/24 12:32	100-41-4	
Ethyl methacrylate	ND	ug/kg	112	1		04/22/24 12:32	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.6	1		04/22/24 12:32	87-68-3	
n-Hexane	ND	ug/kg	5.6	1		04/22/24 12:32	110-54-3	
2-Hexanone	ND	ug/kg	112	1		04/22/24 12:32	591-78-6	
Iodomethane	ND	ug/kg	112	1		04/22/24 12:32	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	1		04/22/24 12:32	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.6	1		04/22/24 12:32	99-87-6	
Methylene Chloride	ND	ug/kg	22.4	1		04/22/24 12:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	28.0	1		04/22/24 12:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.6	1		04/22/24 12:32	1634-04-4	
n-Propylbenzene	ND	ug/kg	5.6	1		04/22/24 12:32	103-65-1	
Styrene	ND	ug/kg	5.6	1		04/22/24 12:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.6	1		04/22/24 12:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	1		04/22/24 12:32	79-34-5	
Tetrachloroethene	ND	ug/kg	5.6	1		04/22/24 12:32	127-18-4	
Toluene	ND	ug/kg	5.6	1		04/22/24 12:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.6	1		04/22/24 12:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	1		04/22/24 12:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.6	1		04/22/24 12:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.6	1		04/22/24 12:32	79-00-5	
Trichloroethene	ND	ug/kg	5.6	1		04/22/24 12:32	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: **DSL-BTM-05 (13'-14')** Lab ID: **50370958009** Collected: 04/17/24 14:20 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	5.6	1		04/22/24 12:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.6	1		04/22/24 12:32	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	1		04/22/24 12:32	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	1		04/22/24 12:32	108-67-8	
Vinyl acetate	ND	ug/kg	112	1		04/22/24 12:32	108-05-4	
Vinyl chloride	ND	ug/kg	5.6	1		04/22/24 12:32	75-01-4	
Xylene (Total)	ND	ug/kg	11.2	1		04/22/24 12:32	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%	75-135	1		04/22/24 12:32	1868-53-7	
Toluene-d8 (S)	96	%	65-148	1		04/22/24 12:32	2037-26-5	
4-Bromofluorobenzene (S)	100	%	63-132	1		04/22/24 12:32	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	21.6	%	0.10	1		04/22/24 13:24		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: W-SW-04 (7') Lab ID: **50370958010** Collected: 04/17/24 15:50 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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6010 MET ICP

Analytical Method: EPA 6010 Preparation Method: EPA 3050
 Pace Analytical Services - Indianapolis

Lead	10.9	mg/kg	1.3	1	04/19/24 08:21	04/19/24 13:15	7439-92-1	
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8270 PAH Soil by SIM

Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546
 Pace Analytical Services - Indianapolis

Acenaphthene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 16:55	83-32-9	
Acenaphthylene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 16:55	208-96-8	
Anthracene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 16:55	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 16:55	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 16:55	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 16:55	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 16:55	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 16:55	207-08-9	
Chrysene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 16:55	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 16:55	53-70-3	
Fluoranthene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 16:55	206-44-0	
Fluorene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 16:55	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 16:55	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 16:55	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 16:55	91-57-6	
Naphthalene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 16:55	91-20-3	
Phenanthrene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 16:55	85-01-8	
Pyrene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 16:55	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	68	%	16-93	1	04/22/24 21:03	04/23/24 16:55	321-60-8	
p-Terphenyl-d14 (S)	75	%	19-115	1	04/22/24 21:03	04/23/24 16:55	1718-51-0	

8260 MSV 5035A VOA

Analytical Method: EPA 8260
 Pace Analytical Services - Indianapolis

Acetone	ND	ug/kg	115	1		04/22/24 13:02	67-64-1	
Acrolein	ND	ug/kg	115	1		04/22/24 13:02	107-02-8	
Acrylonitrile	ND	ug/kg	115	1		04/22/24 13:02	107-13-1	
Benzene	ND	ug/kg	5.7	1		04/22/24 13:02	71-43-2	
Bromobenzene	ND	ug/kg	5.7	1		04/22/24 13:02	108-86-1	
Bromochloromethane	ND	ug/kg	5.7	1		04/22/24 13:02	74-97-5	
Bromodichloromethane	ND	ug/kg	5.7	1		04/22/24 13:02	75-27-4	
Bromoform	ND	ug/kg	5.7	1		04/22/24 13:02	75-25-2	
Bromomethane	ND	ug/kg	5.7	1		04/22/24 13:02	74-83-9	
2-Butanone (MEK)	ND	ug/kg	28.7	1		04/22/24 13:02	78-93-3	
n-Butylbenzene	ND	ug/kg	5.7	1		04/22/24 13:02	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.7	1		04/22/24 13:02	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.7	1		04/22/24 13:02	98-06-6	
Carbon disulfide	ND	ug/kg	11.5	1		04/22/24 13:02	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.7	1		04/22/24 13:02	56-23-5	
Chlorobenzene	ND	ug/kg	5.7	1		04/22/24 13:02	108-90-7	
Chloroethane	ND	ug/kg	5.7	1		04/22/24 13:02	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: W-SW-04 (7') Lab ID: 50370958010 Collected: 04/17/24 15:50 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	5.7	1		04/22/24 13:02	67-66-3	
Chloromethane	ND	ug/kg	5.7	1		04/22/24 13:02	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.7	1		04/22/24 13:02	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.7	1		04/22/24 13:02	106-43-4	
Dibromochloromethane	ND	ug/kg	5.7	1		04/22/24 13:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.7	1		04/22/24 13:02	106-93-4	
Dibromomethane	ND	ug/kg	5.7	1		04/22/24 13:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.7	1		04/22/24 13:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.7	1		04/22/24 13:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.7	1		04/22/24 13:02	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	115	1		04/22/24 13:02	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.7	1		04/22/24 13:02	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.7	1		04/22/24 13:02	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.7	1		04/22/24 13:02	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.7	1		04/22/24 13:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.7	1		04/22/24 13:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.7	1		04/22/24 13:02	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.7	1		04/22/24 13:02	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.7	1		04/22/24 13:02	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.7	1		04/22/24 13:02	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.7	1		04/22/24 13:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.7	1		04/22/24 13:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.7	1		04/22/24 13:02	10061-02-6	
Ethylbenzene	ND	ug/kg	5.7	1		04/22/24 13:02	100-41-4	
Ethyl methacrylate	ND	ug/kg	115	1		04/22/24 13:02	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.7	1		04/22/24 13:02	87-68-3	
n-Hexane	ND	ug/kg	5.7	1		04/22/24 13:02	110-54-3	
2-Hexanone	ND	ug/kg	115	1		04/22/24 13:02	591-78-6	
Iodomethane	ND	ug/kg	115	1		04/22/24 13:02	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	1		04/22/24 13:02	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.7	1		04/22/24 13:02	99-87-6	
Methylene Chloride	ND	ug/kg	23.0	1		04/22/24 13:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	28.7	1		04/22/24 13:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.7	1		04/22/24 13:02	1634-04-4	
n-Propylbenzene	ND	ug/kg	5.7	1		04/22/24 13:02	103-65-1	
Styrene	ND	ug/kg	5.7	1		04/22/24 13:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.7	1		04/22/24 13:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.7	1		04/22/24 13:02	79-34-5	
Tetrachloroethene	ND	ug/kg	5.7	1		04/22/24 13:02	127-18-4	
Toluene	ND	ug/kg	5.7	1		04/22/24 13:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.7	1		04/22/24 13:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.7	1		04/22/24 13:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.7	1		04/22/24 13:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.7	1		04/22/24 13:02	79-00-5	
Trichloroethene	ND	ug/kg	5.7	1		04/22/24 13:02	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: **W-SW-04 (7')** Lab ID: **50370958010** Collected: 04/17/24 15:50 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	5.7	1		04/22/24 13:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.7	1		04/22/24 13:02	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.7	1		04/22/24 13:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.7	1		04/22/24 13:02	108-67-8	
Vinyl acetate	ND	ug/kg	115	1		04/22/24 13:02	108-05-4	
Vinyl chloride	ND	ug/kg	5.7	1		04/22/24 13:02	75-01-4	
Xylene (Total)	ND	ug/kg	11.5	1		04/22/24 13:02	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	75-135	1		04/22/24 13:02	1868-53-7	
Toluene-d8 (S)	97	%	65-148	1		04/22/24 13:02	2037-26-5	
4-Bromofluorobenzene (S)	102	%	63-132	1		04/22/24 13:02	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	21.6	%	0.10	1		04/22/24 13:25		N2

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: DSL-BTM-06 (13'-14') Lab ID: 50370958011 Collected: 04/17/24 16:05 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis						
Lead	6.5	mg/kg	1.3	1	04/19/24 08:21	04/19/24 13:17	7439-92-1	
8270 PAH Soil by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - Indianapolis						
Acenaphthene	ND	mg/kg	0.0065	1	04/22/24 21:03	04/23/24 17:10	83-32-9	
Acenaphthylene	ND	mg/kg	0.0065	1	04/22/24 21:03	04/23/24 17:10	208-96-8	
Anthracene	ND	mg/kg	0.0065	1	04/22/24 21:03	04/23/24 17:10	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0065	1	04/22/24 21:03	04/23/24 17:10	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0065	1	04/22/24 21:03	04/23/24 17:10	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0065	1	04/22/24 21:03	04/23/24 17:10	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0065	1	04/22/24 21:03	04/23/24 17:10	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0065	1	04/22/24 21:03	04/23/24 17:10	207-08-9	
Chrysene	ND	mg/kg	0.0065	1	04/22/24 21:03	04/23/24 17:10	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0065	1	04/22/24 21:03	04/23/24 17:10	53-70-3	
Fluoranthene	ND	mg/kg	0.0065	1	04/22/24 21:03	04/23/24 17:10	206-44-0	
Fluorene	ND	mg/kg	0.0065	1	04/22/24 21:03	04/23/24 17:10	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0065	1	04/22/24 21:03	04/23/24 17:10	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0065	1	04/22/24 21:03	04/23/24 17:10	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0065	1	04/22/24 21:03	04/23/24 17:10	91-57-6	
Naphthalene	ND	mg/kg	0.0065	1	04/22/24 21:03	04/23/24 17:10	91-20-3	
Phenanthrene	ND	mg/kg	0.0065	1	04/22/24 21:03	04/23/24 17:10	85-01-8	
Pyrene	ND	mg/kg	0.0065	1	04/22/24 21:03	04/23/24 17:10	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	67	%.	16-93	1	04/22/24 21:03	04/23/24 17:10	321-60-8	
p-Terphenyl-d14 (S)	76	%.	19-115	1	04/22/24 21:03	04/23/24 17:10	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/kg	123	1		04/22/24 13:32	67-64-1	
Acrolein	ND	ug/kg	123	1		04/22/24 13:32	107-02-8	
Acrylonitrile	ND	ug/kg	123	1		04/22/24 13:32	107-13-1	
Benzene	ND	ug/kg	6.1	1		04/22/24 13:32	71-43-2	
Bromobenzene	ND	ug/kg	6.1	1		04/22/24 13:32	108-86-1	
Bromochloromethane	ND	ug/kg	6.1	1		04/22/24 13:32	74-97-5	
Bromodichloromethane	ND	ug/kg	6.1	1		04/22/24 13:32	75-27-4	
Bromoform	ND	ug/kg	6.1	1		04/22/24 13:32	75-25-2	
Bromomethane	ND	ug/kg	6.1	1		04/22/24 13:32	74-83-9	
2-Butanone (MEK)	ND	ug/kg	30.7	1		04/22/24 13:32	78-93-3	
n-Butylbenzene	ND	ug/kg	6.1	1		04/22/24 13:32	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.1	1		04/22/24 13:32	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.1	1		04/22/24 13:32	98-06-6	
Carbon disulfide	ND	ug/kg	12.3	1		04/22/24 13:32	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.1	1		04/22/24 13:32	56-23-5	
Chlorobenzene	ND	ug/kg	6.1	1		04/22/24 13:32	108-90-7	
Chloroethane	ND	ug/kg	6.1	1		04/22/24 13:32	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: DSL-BTM-06 (13'-14') Lab ID: 50370958011 Collected: 04/17/24 16:05 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	6.1	1		04/22/24 13:32	67-66-3	
Chloromethane	ND	ug/kg	6.1	1		04/22/24 13:32	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.1	1		04/22/24 13:32	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.1	1		04/22/24 13:32	106-43-4	
Dibromochloromethane	ND	ug/kg	6.1	1		04/22/24 13:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.1	1		04/22/24 13:32	106-93-4	
Dibromomethane	ND	ug/kg	6.1	1		04/22/24 13:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.1	1		04/22/24 13:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.1	1		04/22/24 13:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.1	1		04/22/24 13:32	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	123	1		04/22/24 13:32	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	6.1	1		04/22/24 13:32	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.1	1		04/22/24 13:32	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.1	1		04/22/24 13:32	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.1	1		04/22/24 13:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.1	1		04/22/24 13:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.1	1		04/22/24 13:32	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.1	1		04/22/24 13:32	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.1	1		04/22/24 13:32	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.1	1		04/22/24 13:32	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.1	1		04/22/24 13:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.1	1		04/22/24 13:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.1	1		04/22/24 13:32	10061-02-6	
Ethylbenzene	ND	ug/kg	6.1	1		04/22/24 13:32	100-41-4	
Ethyl methacrylate	ND	ug/kg	123	1		04/22/24 13:32	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	6.1	1		04/22/24 13:32	87-68-3	
n-Hexane	ND	ug/kg	6.1	1		04/22/24 13:32	110-54-3	
2-Hexanone	ND	ug/kg	123	1		04/22/24 13:32	591-78-6	
Iodomethane	ND	ug/kg	123	1		04/22/24 13:32	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	6.1	1		04/22/24 13:32	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.1	1		04/22/24 13:32	99-87-6	
Methylene Chloride	ND	ug/kg	24.5	1		04/22/24 13:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	30.7	1		04/22/24 13:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.1	1		04/22/24 13:32	1634-04-4	
n-Propylbenzene	ND	ug/kg	6.1	1		04/22/24 13:32	103-65-1	
Styrene	ND	ug/kg	6.1	1		04/22/24 13:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.1	1		04/22/24 13:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.1	1		04/22/24 13:32	79-34-5	
Tetrachloroethene	ND	ug/kg	6.1	1		04/22/24 13:32	127-18-4	
Toluene	ND	ug/kg	6.1	1		04/22/24 13:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.1	1		04/22/24 13:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.1	1		04/22/24 13:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.1	1		04/22/24 13:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.1	1		04/22/24 13:32	79-00-5	
Trichloroethene	ND	ug/kg	6.1	1		04/22/24 13:32	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: **DSL-BTM-06 (13'-14')** Lab ID: **50370958011** Collected: 04/17/24 16:05 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	6.1	1		04/22/24 13:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.1	1		04/22/24 13:32	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.1	1		04/22/24 13:32	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.1	1		04/22/24 13:32	108-67-8	
Vinyl acetate	ND	ug/kg	123	1		04/22/24 13:32	108-05-4	
Vinyl chloride	ND	ug/kg	6.1	1		04/22/24 13:32	75-01-4	
Xylene (Total)	ND	ug/kg	12.3	1		04/22/24 13:32	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	75-135	1		04/22/24 13:32	1868-53-7	
Toluene-d8 (S)	97	%	65-148	1		04/22/24 13:32	2037-26-5	
4-Bromofluorobenzene (S)	101	%	63-132	1		04/22/24 13:32	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	25.0	%	0.10	1		04/22/24 13:25		N2

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: N-SW-01 (7') Lab ID: 50370958012 Collected: 04/17/24 16:25 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Pace Analytical Services - Indianapolis								
Lead	9.9	mg/kg	1.2	1	04/19/24 08:21	04/19/24 13:18	7439-92-1	
8270 PAH Soil by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Indianapolis								
Acenaphthene	ND	mg/kg	0.0063	1	04/22/24 21:03	04/23/24 17:24	83-32-9	
Acenaphthylene	ND	mg/kg	0.0063	1	04/22/24 21:03	04/23/24 17:24	208-96-8	
Anthracene	ND	mg/kg	0.0063	1	04/22/24 21:03	04/23/24 17:24	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0063	1	04/22/24 21:03	04/23/24 17:24	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0063	1	04/22/24 21:03	04/23/24 17:24	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0063	1	04/22/24 21:03	04/23/24 17:24	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0063	1	04/22/24 21:03	04/23/24 17:24	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0063	1	04/22/24 21:03	04/23/24 17:24	207-08-9	
Chrysene	ND	mg/kg	0.0063	1	04/22/24 21:03	04/23/24 17:24	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0063	1	04/22/24 21:03	04/23/24 17:24	53-70-3	
Fluoranthene	ND	mg/kg	0.0063	1	04/22/24 21:03	04/23/24 17:24	206-44-0	
Fluorene	ND	mg/kg	0.0063	1	04/22/24 21:03	04/23/24 17:24	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0063	1	04/22/24 21:03	04/23/24 17:24	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0063	1	04/22/24 21:03	04/23/24 17:24	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0063	1	04/22/24 21:03	04/23/24 17:24	91-57-6	
Naphthalene	0.0079	mg/kg	0.0063	1	04/22/24 21:03	04/23/24 17:24	91-20-3	
Phenanthrene	ND	mg/kg	0.0063	1	04/22/24 21:03	04/23/24 17:24	85-01-8	
Pyrene	ND	mg/kg	0.0063	1	04/22/24 21:03	04/23/24 17:24	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	69	%	16-93	1	04/22/24 21:03	04/23/24 17:24	321-60-8	
p-Terphenyl-d14 (S)	69	%	19-115	1	04/22/24 21:03	04/23/24 17:24	1718-51-0	
8260 MSV 5035A VOA								
Analytical Method: EPA 8260								
Pace Analytical Services - Indianapolis								
Acetone	ND	ug/kg	114	1		04/22/24 14:03	67-64-1	
Acrolein	ND	ug/kg	114	1		04/22/24 14:03	107-02-8	
Acrylonitrile	ND	ug/kg	114	1		04/22/24 14:03	107-13-1	
Benzene	ND	ug/kg	5.7	1		04/22/24 14:03	71-43-2	
Bromobenzene	ND	ug/kg	5.7	1		04/22/24 14:03	108-86-1	
Bromochloromethane	ND	ug/kg	5.7	1		04/22/24 14:03	74-97-5	
Bromodichloromethane	ND	ug/kg	5.7	1		04/22/24 14:03	75-27-4	
Bromoform	ND	ug/kg	5.7	1		04/22/24 14:03	75-25-2	
Bromomethane	ND	ug/kg	5.7	1		04/22/24 14:03	74-83-9	
2-Butanone (MEK)	ND	ug/kg	28.5	1		04/22/24 14:03	78-93-3	
n-Butylbenzene	ND	ug/kg	5.7	1		04/22/24 14:03	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.7	1		04/22/24 14:03	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.7	1		04/22/24 14:03	98-06-6	
Carbon disulfide	ND	ug/kg	11.4	1		04/22/24 14:03	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.7	1		04/22/24 14:03	56-23-5	
Chlorobenzene	ND	ug/kg	5.7	1		04/22/24 14:03	108-90-7	
Chloroethane	ND	ug/kg	5.7	1		04/22/24 14:03	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: N-SW-01 (7) Lab ID: 50370958012 Collected: 04/17/24 16:25 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	5.7	1		04/22/24 14:03	67-66-3	
Chloromethane	ND	ug/kg	5.7	1		04/22/24 14:03	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.7	1		04/22/24 14:03	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.7	1		04/22/24 14:03	106-43-4	
Dibromochloromethane	ND	ug/kg	5.7	1		04/22/24 14:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.7	1		04/22/24 14:03	106-93-4	
Dibromomethane	ND	ug/kg	5.7	1		04/22/24 14:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.7	1		04/22/24 14:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.7	1		04/22/24 14:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.7	1		04/22/24 14:03	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	114	1		04/22/24 14:03	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.7	1		04/22/24 14:03	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.7	1		04/22/24 14:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.7	1		04/22/24 14:03	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.7	1		04/22/24 14:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.7	1		04/22/24 14:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.7	1		04/22/24 14:03	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.7	1		04/22/24 14:03	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.7	1		04/22/24 14:03	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.7	1		04/22/24 14:03	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.7	1		04/22/24 14:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.7	1		04/22/24 14:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.7	1		04/22/24 14:03	10061-02-6	
Ethylbenzene	ND	ug/kg	5.7	1		04/22/24 14:03	100-41-4	
Ethyl methacrylate	ND	ug/kg	114	1		04/22/24 14:03	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.7	1		04/22/24 14:03	87-68-3	
n-Hexane	ND	ug/kg	5.7	1		04/22/24 14:03	110-54-3	
2-Hexanone	ND	ug/kg	114	1		04/22/24 14:03	591-78-6	
Iodomethane	ND	ug/kg	114	1		04/22/24 14:03	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	1		04/22/24 14:03	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.7	1		04/22/24 14:03	99-87-6	
Methylene Chloride	ND	ug/kg	22.8	1		04/22/24 14:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	28.5	1		04/22/24 14:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.7	1		04/22/24 14:03	1634-04-4	
n-Propylbenzene	ND	ug/kg	5.7	1		04/22/24 14:03	103-65-1	
Styrene	ND	ug/kg	5.7	1		04/22/24 14:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.7	1		04/22/24 14:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.7	1		04/22/24 14:03	79-34-5	
Tetrachloroethene	ND	ug/kg	5.7	1		04/22/24 14:03	127-18-4	
Toluene	ND	ug/kg	5.7	1		04/22/24 14:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.7	1		04/22/24 14:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.7	1		04/22/24 14:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.7	1		04/22/24 14:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.7	1		04/22/24 14:03	79-00-5	
Trichloroethene	ND	ug/kg	5.7	1		04/22/24 14:03	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: N-SW-01 (7') **Lab ID: 50370958012** Collected: 04/17/24 16:25 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	5.7	1		04/22/24 14:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.7	1		04/22/24 14:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.7	1		04/22/24 14:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.7	1		04/22/24 14:03	108-67-8	
Vinyl acetate	ND	ug/kg	114	1		04/22/24 14:03	108-05-4	
Vinyl chloride	ND	ug/kg	5.7	1		04/22/24 14:03	75-01-4	
Xylene (Total)	ND	ug/kg	11.4	1		04/22/24 14:03	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	75-135	1		04/22/24 14:03	1868-53-7	
Toluene-d8 (S)	97	%	65-148	1		04/22/24 14:03	2037-26-5	
4-Bromofluorobenzene (S)	101	%	63-132	1		04/22/24 14:03	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	23.2	%	0.10	1		04/22/24 13:25		N2

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: SO-DUP-01 Lab ID: 50370958013 Collected: 04/17/24 08:00 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Pace Analytical Services - Indianapolis								
Lead	7.5	mg/kg	1.0	1	04/19/24 08:21	04/19/24 13:19	7439-92-1	
8270 PAH Soil by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Indianapolis								
Acenaphthene	ND	mg/kg	0.0058	1	04/22/24 21:03	04/23/24 17:38	83-32-9	
Acenaphthylene	ND	mg/kg	0.0058	1	04/22/24 21:03	04/23/24 17:38	208-96-8	
Anthracene	ND	mg/kg	0.0058	1	04/22/24 21:03	04/23/24 17:38	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0058	1	04/22/24 21:03	04/23/24 17:38	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0058	1	04/22/24 21:03	04/23/24 17:38	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0058	1	04/22/24 21:03	04/23/24 17:38	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0058	1	04/22/24 21:03	04/23/24 17:38	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0058	1	04/22/24 21:03	04/23/24 17:38	207-08-9	
Chrysene	ND	mg/kg	0.0058	1	04/22/24 21:03	04/23/24 17:38	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0058	1	04/22/24 21:03	04/23/24 17:38	53-70-3	
Fluoranthene	ND	mg/kg	0.0058	1	04/22/24 21:03	04/23/24 17:38	206-44-0	
Fluorene	ND	mg/kg	0.0058	1	04/22/24 21:03	04/23/24 17:38	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0058	1	04/22/24 21:03	04/23/24 17:38	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0058	1	04/22/24 21:03	04/23/24 17:38	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0058	1	04/22/24 21:03	04/23/24 17:38	91-57-6	
Naphthalene	ND	mg/kg	0.0058	1	04/22/24 21:03	04/23/24 17:38	91-20-3	
Phenanthrene	ND	mg/kg	0.0058	1	04/22/24 21:03	04/23/24 17:38	85-01-8	
Pyrene	ND	mg/kg	0.0058	1	04/22/24 21:03	04/23/24 17:38	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	66	%.	16-93	1	04/22/24 21:03	04/23/24 17:38	321-60-8	
p-Terphenyl-d14 (S)	78	%.	19-115	1	04/22/24 21:03	04/23/24 17:38	1718-51-0	
8260 MSV 5035A VOA								
Analytical Method: EPA 8260								
Pace Analytical Services - Indianapolis								
Acetone	ND	ug/kg	99.9	1		04/22/24 14:33	67-64-1	
Acrolein	ND	ug/kg	99.9	1		04/22/24 14:33	107-02-8	
Acrylonitrile	ND	ug/kg	99.9	1		04/22/24 14:33	107-13-1	
Benzene	ND	ug/kg	5.0	1		04/22/24 14:33	71-43-2	
Bromobenzene	ND	ug/kg	5.0	1		04/22/24 14:33	108-86-1	
Bromochloromethane	ND	ug/kg	5.0	1		04/22/24 14:33	74-97-5	
Bromodichloromethane	ND	ug/kg	5.0	1		04/22/24 14:33	75-27-4	
Bromoform	ND	ug/kg	5.0	1		04/22/24 14:33	75-25-2	
Bromomethane	ND	ug/kg	5.0	1		04/22/24 14:33	74-83-9	
2-Butanone (MEK)	ND	ug/kg	25.0	1		04/22/24 14:33	78-93-3	
n-Butylbenzene	ND	ug/kg	5.0	1		04/22/24 14:33	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.0	1		04/22/24 14:33	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.0	1		04/22/24 14:33	98-06-6	
Carbon disulfide	ND	ug/kg	10	1		04/22/24 14:33	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	1		04/22/24 14:33	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1		04/22/24 14:33	108-90-7	
Chloroethane	ND	ug/kg	5.0	1		04/22/24 14:33	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: SO-DUP-01 Lab ID: 50370958013 Collected: 04/17/24 08:00 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	5.0	1		04/22/24 14:33	67-66-3	
Chloromethane	ND	ug/kg	5.0	1		04/22/24 14:33	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.0	1		04/22/24 14:33	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.0	1		04/22/24 14:33	106-43-4	
Dibromochloromethane	ND	ug/kg	5.0	1		04/22/24 14:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1		04/22/24 14:33	106-93-4	
Dibromomethane	ND	ug/kg	5.0	1		04/22/24 14:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1		04/22/24 14:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1		04/22/24 14:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1		04/22/24 14:33	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	99.9	1		04/22/24 14:33	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.0	1		04/22/24 14:33	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.0	1		04/22/24 14:33	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1		04/22/24 14:33	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.0	1		04/22/24 14:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1		04/22/24 14:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1		04/22/24 14:33	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1		04/22/24 14:33	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.0	1		04/22/24 14:33	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.0	1		04/22/24 14:33	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.0	1		04/22/24 14:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1		04/22/24 14:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1		04/22/24 14:33	10061-02-6	
Ethylbenzene	ND	ug/kg	5.0	1		04/22/24 14:33	100-41-4	
Ethyl methacrylate	ND	ug/kg	99.9	1		04/22/24 14:33	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	1		04/22/24 14:33	87-68-3	
n-Hexane	ND	ug/kg	5.0	1		04/22/24 14:33	110-54-3	
2-Hexanone	ND	ug/kg	99.9	1		04/22/24 14:33	591-78-6	
Iodomethane	ND	ug/kg	99.9	1		04/22/24 14:33	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1		04/22/24 14:33	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.0	1		04/22/24 14:33	99-87-6	
Methylene Chloride	ND	ug/kg	20.0	1		04/22/24 14:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	25.0	1		04/22/24 14:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1		04/22/24 14:33	1634-04-4	
n-Propylbenzene	ND	ug/kg	5.0	1		04/22/24 14:33	103-65-1	
Styrene	ND	ug/kg	5.0	1		04/22/24 14:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	1		04/22/24 14:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1		04/22/24 14:33	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1		04/22/24 14:33	127-18-4	
Toluene	ND	ug/kg	5.0	1		04/22/24 14:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	1		04/22/24 14:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1		04/22/24 14:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1		04/22/24 14:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1		04/22/24 14:33	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1		04/22/24 14:33	79-01-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: SO-DUP-01 Lab ID: 50370958013 Collected: 04/17/24 08:00 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	5.0	1		04/22/24 14:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.0	1		04/22/24 14:33	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1		04/22/24 14:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1		04/22/24 14:33	108-67-8	
Vinyl acetate	ND	ug/kg	99.9	1		04/22/24 14:33	108-05-4	
Vinyl chloride	ND	ug/kg	5.0	1		04/22/24 14:33	75-01-4	
Xylene (Total)	ND	ug/kg	10	1		04/22/24 14:33	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	75-135	1		04/22/24 14:33	1868-53-7	
Toluene-d8 (S)	98	%	65-148	1		04/22/24 14:33	2037-26-5	
4-Bromofluorobenzene (S)	102	%	63-132	1		04/22/24 14:33	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	17.2	%	0.10	1		04/22/24 13:25		N2

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: SO-DUP-02 Lab ID: 50370958014 Collected: 04/17/24 08:00 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Pace Analytical Services - Indianapolis								
Lead	6.6	mg/kg	1.2	1	04/19/24 08:21	04/19/24 13:21	7439-92-1	
8270 PAH Soil by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Indianapolis								
Acenaphthene	ND	mg/kg	0.0060	1	04/22/24 21:03	04/23/24 17:52	83-32-9	
Acenaphthylene	ND	mg/kg	0.0060	1	04/22/24 21:03	04/23/24 17:52	208-96-8	
Anthracene	ND	mg/kg	0.0060	1	04/22/24 21:03	04/23/24 17:52	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0060	1	04/22/24 21:03	04/23/24 17:52	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0060	1	04/22/24 21:03	04/23/24 17:52	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0060	1	04/22/24 21:03	04/23/24 17:52	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0060	1	04/22/24 21:03	04/23/24 17:52	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0060	1	04/22/24 21:03	04/23/24 17:52	207-08-9	
Chrysene	ND	mg/kg	0.0060	1	04/22/24 21:03	04/23/24 17:52	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0060	1	04/22/24 21:03	04/23/24 17:52	53-70-3	
Fluoranthene	ND	mg/kg	0.0060	1	04/22/24 21:03	04/23/24 17:52	206-44-0	
Fluorene	ND	mg/kg	0.0060	1	04/22/24 21:03	04/23/24 17:52	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0060	1	04/22/24 21:03	04/23/24 17:52	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0060	1	04/22/24 21:03	04/23/24 17:52	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0060	1	04/22/24 21:03	04/23/24 17:52	91-57-6	
Naphthalene	ND	mg/kg	0.0060	1	04/22/24 21:03	04/23/24 17:52	91-20-3	
Phenanthrene	ND	mg/kg	0.0060	1	04/22/24 21:03	04/23/24 17:52	85-01-8	
Pyrene	ND	mg/kg	0.0060	1	04/22/24 21:03	04/23/24 17:52	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	68	%.	16-93	1	04/22/24 21:03	04/23/24 17:52	321-60-8	
p-Terphenyl-d14 (S)	77	%.	19-115	1	04/22/24 21:03	04/23/24 17:52	1718-51-0	
8260 MSV 5035A VOA								
Analytical Method: EPA 8260								
Pace Analytical Services - Indianapolis								
Acetone	ND	ug/kg	110	1		04/22/24 15:03	67-64-1	
Acrolein	ND	ug/kg	110	1		04/22/24 15:03	107-02-8	
Acrylonitrile	ND	ug/kg	110	1		04/22/24 15:03	107-13-1	
Benzene	ND	ug/kg	5.5	1		04/22/24 15:03	71-43-2	
Bromobenzene	ND	ug/kg	5.5	1		04/22/24 15:03	108-86-1	
Bromochloromethane	ND	ug/kg	5.5	1		04/22/24 15:03	74-97-5	
Bromodichloromethane	ND	ug/kg	5.5	1		04/22/24 15:03	75-27-4	
Bromoform	ND	ug/kg	5.5	1		04/22/24 15:03	75-25-2	
Bromomethane	ND	ug/kg	5.5	1		04/22/24 15:03	74-83-9	
2-Butanone (MEK)	ND	ug/kg	27.4	1		04/22/24 15:03	78-93-3	
n-Butylbenzene	ND	ug/kg	5.5	1		04/22/24 15:03	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.5	1		04/22/24 15:03	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.5	1		04/22/24 15:03	98-06-6	
Carbon disulfide	ND	ug/kg	11.0	1		04/22/24 15:03	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.5	1		04/22/24 15:03	56-23-5	
Chlorobenzene	ND	ug/kg	5.5	1		04/22/24 15:03	108-90-7	
Chloroethane	ND	ug/kg	5.5	1		04/22/24 15:03	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: SO-DUP-02 Lab ID: 50370958014 Collected: 04/17/24 08:00 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	5.5	1		04/22/24 15:03	67-66-3	
Chloromethane	ND	ug/kg	5.5	1		04/22/24 15:03	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.5	1		04/22/24 15:03	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.5	1		04/22/24 15:03	106-43-4	
Dibromochloromethane	ND	ug/kg	5.5	1		04/22/24 15:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.5	1		04/22/24 15:03	106-93-4	
Dibromomethane	ND	ug/kg	5.5	1		04/22/24 15:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.5	1		04/22/24 15:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.5	1		04/22/24 15:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.5	1		04/22/24 15:03	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	110	1		04/22/24 15:03	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.5	1		04/22/24 15:03	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.5	1		04/22/24 15:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.5	1		04/22/24 15:03	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.5	1		04/22/24 15:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.5	1		04/22/24 15:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.5	1		04/22/24 15:03	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.5	1		04/22/24 15:03	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.5	1		04/22/24 15:03	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.5	1		04/22/24 15:03	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.5	1		04/22/24 15:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.5	1		04/22/24 15:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.5	1		04/22/24 15:03	10061-02-6	
Ethylbenzene	ND	ug/kg	5.5	1		04/22/24 15:03	100-41-4	
Ethyl methacrylate	ND	ug/kg	110	1		04/22/24 15:03	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.5	1		04/22/24 15:03	87-68-3	
n-Hexane	ND	ug/kg	5.5	1		04/22/24 15:03	110-54-3	
2-Hexanone	ND	ug/kg	110	1		04/22/24 15:03	591-78-6	
Iodomethane	ND	ug/kg	110	1		04/22/24 15:03	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	1		04/22/24 15:03	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.5	1		04/22/24 15:03	99-87-6	
Methylene Chloride	ND	ug/kg	22.0	1		04/22/24 15:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	27.4	1		04/22/24 15:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.5	1		04/22/24 15:03	1634-04-4	
n-Propylbenzene	ND	ug/kg	5.5	1		04/22/24 15:03	103-65-1	
Styrene	ND	ug/kg	5.5	1		04/22/24 15:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.5	1		04/22/24 15:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.5	1		04/22/24 15:03	79-34-5	
Tetrachloroethene	ND	ug/kg	5.5	1		04/22/24 15:03	127-18-4	
Toluene	ND	ug/kg	5.5	1		04/22/24 15:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.5	1		04/22/24 15:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.5	1		04/22/24 15:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.5	1		04/22/24 15:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.5	1		04/22/24 15:03	79-00-5	
Trichloroethene	ND	ug/kg	5.5	1		04/22/24 15:03	79-01-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Sample: **SO-DUP-02** Lab ID: **50370958014** Collected: 04/17/24 08:00 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	5.5	1		04/22/24 15:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.5	1		04/22/24 15:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.5	1		04/22/24 15:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.5	1		04/22/24 15:03	108-67-8	
Vinyl acetate	ND	ug/kg	110	1		04/22/24 15:03	108-05-4	
Vinyl chloride	ND	ug/kg	5.5	1		04/22/24 15:03	75-01-4	
Xylene (Total)	ND	ug/kg	11.0	1		04/22/24 15:03	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	75-135	1		04/22/24 15:03	1868-53-7	
Toluene-d8 (S)	98	%	65-148	1		04/22/24 15:03	2037-26-5	
4-Bromofluorobenzene (S)	100	%	63-132	1		04/22/24 15:03	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	20.8	%	0.10	1		04/22/24 13:25		N2

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

QC Batch: 785669 Analysis Method: EPA 6010
 QC Batch Method: EPA 3050 Analysis Description: 6010 MET
 Laboratory: Pace Analytical Services - Indianapolis
 Associated Lab Samples: 50370958002, 50370958003, 50370958004, 50370958005, 50370958006, 50370958007, 50370958008, 50370958009, 50370958010, 50370958011, 50370958012, 50370958013, 50370958014

METHOD BLANK: 3594170 Matrix: Solid
 Associated Lab Samples: 50370958002, 50370958003, 50370958004, 50370958005, 50370958006, 50370958007, 50370958008, 50370958009, 50370958010, 50370958011, 50370958012, 50370958013, 50370958014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	ND	1.0	04/19/24 12:53	

LABORATORY CONTROL SAMPLE: 3594171

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	49.5	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3594172 3594173

Parameter	Units	50370958002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/kg	8.9	60	58	55.2	58.9	77	86	75-125	6	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

QC Batch: 786093

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50370958001, 50370958002, 50370958003, 50370958004, 50370958005, 50370958006, 50370958007, 50370958008

METHOD BLANK: 3596237

Matrix: Solid

Associated Lab Samples: 50370958001, 50370958002, 50370958003, 50370958004, 50370958005, 50370958006, 50370958007, 50370958008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	04/22/24 11:46	
1,1,1-Trichloroethane	ug/kg	ND	5.0	04/22/24 11:46	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	04/22/24 11:46	
1,1,2-Trichloroethane	ug/kg	ND	5.0	04/22/24 11:46	
1,1-Dichloroethane	ug/kg	ND	5.0	04/22/24 11:46	
1,1-Dichloroethene	ug/kg	ND	5.0	04/22/24 11:46	
1,1-Dichloropropene	ug/kg	ND	5.0	04/22/24 11:46	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	04/22/24 11:46	
1,2,3-Trichloropropane	ug/kg	ND	5.0	04/22/24 11:46	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	04/22/24 11:46	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	04/22/24 11:46	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	04/22/24 11:46	
1,2-Dichlorobenzene	ug/kg	ND	5.0	04/22/24 11:46	
1,2-Dichloroethane	ug/kg	ND	5.0	04/22/24 11:46	
1,2-Dichloropropane	ug/kg	ND	5.0	04/22/24 11:46	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	04/22/24 11:46	
1,3-Dichlorobenzene	ug/kg	ND	5.0	04/22/24 11:46	
1,3-Dichloropropane	ug/kg	ND	5.0	04/22/24 11:46	
1,4-Dichlorobenzene	ug/kg	ND	5.0	04/22/24 11:46	
2,2-Dichloropropane	ug/kg	ND	5.0	04/22/24 11:46	
2-Butanone (MEK)	ug/kg	ND	25.0	04/22/24 11:46	
2-Chlorotoluene	ug/kg	ND	5.0	04/22/24 11:46	
2-Hexanone	ug/kg	ND	100	04/22/24 11:46	
4-Chlorotoluene	ug/kg	ND	5.0	04/22/24 11:46	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	04/22/24 11:46	
Acetone	ug/kg	ND	100	04/22/24 11:46	
Acrolein	ug/kg	ND	100	04/22/24 11:46	
Acrylonitrile	ug/kg	ND	100	04/22/24 11:46	
Benzene	ug/kg	ND	5.0	04/22/24 11:46	
Bromobenzene	ug/kg	ND	5.0	04/22/24 11:46	
Bromochloromethane	ug/kg	ND	5.0	04/22/24 11:46	
Bromodichloromethane	ug/kg	ND	5.0	04/22/24 11:46	
Bromoform	ug/kg	ND	5.0	04/22/24 11:46	
Bromomethane	ug/kg	ND	5.0	04/22/24 11:46	
Carbon disulfide	ug/kg	ND	10.0	04/22/24 11:46	
Carbon tetrachloride	ug/kg	ND	5.0	04/22/24 11:46	
Chlorobenzene	ug/kg	ND	5.0	04/22/24 11:46	
Chloroethane	ug/kg	ND	5.0	04/22/24 11:46	
Chloroform	ug/kg	ND	5.0	04/22/24 11:46	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

METHOD BLANK: 3596237

Matrix: Solid

Associated Lab Samples: 50370958001, 50370958002, 50370958003, 50370958004, 50370958005, 50370958006, 50370958007, 50370958008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloromethane	ug/kg	ND	5.0	04/22/24 11:46	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	04/22/24 11:46	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	04/22/24 11:46	
Dibromochloromethane	ug/kg	ND	5.0	04/22/24 11:46	
Dibromomethane	ug/kg	ND	5.0	04/22/24 11:46	
Dichlorodifluoromethane	ug/kg	ND	5.0	04/22/24 11:46	
Ethyl methacrylate	ug/kg	ND	100	04/22/24 11:46	
Ethylbenzene	ug/kg	ND	5.0	04/22/24 11:46	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	04/22/24 11:46	
Iodomethane	ug/kg	ND	100	04/22/24 11:46	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	04/22/24 11:46	
Methyl-tert-butyl ether	ug/kg	ND	5.0	04/22/24 11:46	
Methylene Chloride	ug/kg	ND	20.0	04/22/24 11:46	
n-Butylbenzene	ug/kg	ND	5.0	04/22/24 11:46	
n-Hexane	ug/kg	ND	5.0	04/22/24 11:46	
n-Propylbenzene	ug/kg	ND	5.0	04/22/24 11:46	
p-Isopropyltoluene	ug/kg	ND	5.0	04/22/24 11:46	
sec-Butylbenzene	ug/kg	ND	5.0	04/22/24 11:46	
Styrene	ug/kg	ND	5.0	04/22/24 11:46	
tert-Butylbenzene	ug/kg	ND	5.0	04/22/24 11:46	
Tetrachloroethene	ug/kg	ND	5.0	04/22/24 11:46	
Toluene	ug/kg	ND	5.0	04/22/24 11:46	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	04/22/24 11:46	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	04/22/24 11:46	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	04/22/24 11:46	
Trichloroethene	ug/kg	ND	5.0	04/22/24 11:46	
Trichlorofluoromethane	ug/kg	ND	5.0	04/22/24 11:46	
Vinyl acetate	ug/kg	ND	100	04/22/24 11:46	
Vinyl chloride	ug/kg	ND	5.0	04/22/24 11:46	
Xylene (Total)	ug/kg	ND	10.0	04/22/24 11:46	
4-Bromofluorobenzene (S)	%	102	63-132	04/22/24 11:46	
Dibromofluoromethane (S)	%	101	75-135	04/22/24 11:46	1d
Toluene-d8 (S)	%	97	65-148	04/22/24 11:46	

LABORATORY CONTROL SAMPLE: 3596238

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	41.2	82	67-134	
1,1,2,2-Tetrachloroethane	ug/kg	50	41.3	83	67-122	
1,1-Dichloroethene	ug/kg	50	41.7	83	57-140	
1,2,4-Trimethylbenzene	ug/kg	50	40.8	82	60-122	
1,2-Dibromoethane (EDB)	ug/kg	50	43.3	87	71-126	
1,2-Dichloroethane	ug/kg	50	43.0	86	67-129	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

LABORATORY CONTROL SAMPLE: 3596238

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/kg	50	43.3	87	71-123	
1,3,5-Trimethylbenzene	ug/kg	50	40.5	81	62-118	
Benzene	ug/kg	50	41.6	83	69-125	
Chlorobenzene	ug/kg	50	41.1	82	68-122	
Chloroform	ug/kg	50	42.3	85	71-124	
cis-1,2-Dichloroethene	ug/kg	50	42.9	86	70-123	
Ethylbenzene	ug/kg	50	42.1	84	65-124	
Isopropylbenzene (Cumene)	ug/kg	50	41.8	84	65-126	
Methyl-tert-butyl ether	ug/kg	50	42.6	85	69-128	
n-Hexane	ug/kg	50	35.5	71	55-123	
Tetrachloroethene	ug/kg	50	40.0	80	62-128	
Toluene	ug/kg	50	40.5	81	60-122	
trans-1,2-Dichloroethene	ug/kg	50	42.5	85	67-124	
Trichloroethene	ug/kg	50	42.3	85	68-128	
Vinyl chloride	ug/kg	50	50.7	101	52-142	
Xylene (Total)	ug/kg	150	120	80	62-122	
4-Bromofluorobenzene (S)	%			102	63-132	
Dibromofluoromethane (S)	%			103	75-135	
Toluene-d8 (S)	%			99	65-148	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

QC Batch: 786095

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50370958009, 50370958010, 50370958011, 50370958012, 50370958013, 50370958014

METHOD BLANK: 3596243

Matrix: Solid

Associated Lab Samples: 50370958009, 50370958010, 50370958011, 50370958012, 50370958013, 50370958014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	04/22/24 12:01	
1,1,1-Trichloroethane	ug/kg	ND	5.0	04/22/24 12:01	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	04/22/24 12:01	
1,1,2-Trichloroethane	ug/kg	ND	5.0	04/22/24 12:01	
1,1-Dichloroethane	ug/kg	ND	5.0	04/22/24 12:01	
1,1-Dichloroethene	ug/kg	ND	5.0	04/22/24 12:01	
1,1-Dichloropropene	ug/kg	ND	5.0	04/22/24 12:01	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	04/22/24 12:01	
1,2,3-Trichloropropane	ug/kg	ND	5.0	04/22/24 12:01	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	04/22/24 12:01	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	04/22/24 12:01	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	04/22/24 12:01	
1,2-Dichlorobenzene	ug/kg	ND	5.0	04/22/24 12:01	
1,2-Dichloroethane	ug/kg	ND	5.0	04/22/24 12:01	
1,2-Dichloropropane	ug/kg	ND	5.0	04/22/24 12:01	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	04/22/24 12:01	
1,3-Dichlorobenzene	ug/kg	ND	5.0	04/22/24 12:01	
1,3-Dichloropropane	ug/kg	ND	5.0	04/22/24 12:01	
1,4-Dichlorobenzene	ug/kg	ND	5.0	04/22/24 12:01	
2,2-Dichloropropane	ug/kg	ND	5.0	04/22/24 12:01	
2-Butanone (MEK)	ug/kg	ND	25.0	04/22/24 12:01	
2-Chlorotoluene	ug/kg	ND	5.0	04/22/24 12:01	
2-Hexanone	ug/kg	ND	100	04/22/24 12:01	
4-Chlorotoluene	ug/kg	ND	5.0	04/22/24 12:01	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	04/22/24 12:01	
Acetone	ug/kg	ND	100	04/22/24 12:01	
Acrolein	ug/kg	ND	100	04/22/24 12:01	
Acrylonitrile	ug/kg	ND	100	04/22/24 12:01	
Benzene	ug/kg	ND	5.0	04/22/24 12:01	
Bromobenzene	ug/kg	ND	5.0	04/22/24 12:01	
Bromochloromethane	ug/kg	ND	5.0	04/22/24 12:01	
Bromodichloromethane	ug/kg	ND	5.0	04/22/24 12:01	
Bromoform	ug/kg	ND	5.0	04/22/24 12:01	
Bromomethane	ug/kg	ND	5.0	04/22/24 12:01	
Carbon disulfide	ug/kg	ND	10.0	04/22/24 12:01	
Carbon tetrachloride	ug/kg	ND	5.0	04/22/24 12:01	
Chlorobenzene	ug/kg	ND	5.0	04/22/24 12:01	
Chloroethane	ug/kg	ND	5.0	04/22/24 12:01	
Chloroform	ug/kg	ND	5.0	04/22/24 12:01	
Chloromethane	ug/kg	ND	5.0	04/22/24 12:01	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

METHOD BLANK: 3596243

Matrix: Solid

Associated Lab Samples: 50370958009, 50370958010, 50370958011, 50370958012, 50370958013, 50370958014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	04/22/24 12:01	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	04/22/24 12:01	
Dibromochloromethane	ug/kg	ND	5.0	04/22/24 12:01	
Dibromomethane	ug/kg	ND	5.0	04/22/24 12:01	
Dichlorodifluoromethane	ug/kg	ND	5.0	04/22/24 12:01	
Ethyl methacrylate	ug/kg	ND	100	04/22/24 12:01	
Ethylbenzene	ug/kg	ND	5.0	04/22/24 12:01	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	04/22/24 12:01	
Iodomethane	ug/kg	ND	100	04/22/24 12:01	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	04/22/24 12:01	
Methyl-tert-butyl ether	ug/kg	ND	5.0	04/22/24 12:01	
Methylene Chloride	ug/kg	ND	20.0	04/22/24 12:01	
n-Butylbenzene	ug/kg	ND	5.0	04/22/24 12:01	
n-Hexane	ug/kg	ND	5.0	04/22/24 12:01	
n-Propylbenzene	ug/kg	ND	5.0	04/22/24 12:01	
p-Isopropyltoluene	ug/kg	ND	5.0	04/22/24 12:01	
sec-Butylbenzene	ug/kg	ND	5.0	04/22/24 12:01	
Styrene	ug/kg	ND	5.0	04/22/24 12:01	
tert-Butylbenzene	ug/kg	ND	5.0	04/22/24 12:01	
Tetrachloroethene	ug/kg	ND	5.0	04/22/24 12:01	
Toluene	ug/kg	ND	5.0	04/22/24 12:01	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	04/22/24 12:01	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	04/22/24 12:01	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	04/22/24 12:01	
Trichloroethene	ug/kg	ND	5.0	04/22/24 12:01	
Trichlorofluoromethane	ug/kg	ND	5.0	04/22/24 12:01	
Vinyl acetate	ug/kg	ND	100	04/22/24 12:01	
Vinyl chloride	ug/kg	ND	5.0	04/22/24 12:01	
Xylene (Total)	ug/kg	ND	10.0	04/22/24 12:01	
4-Bromofluorobenzene (S)	%	104	63-132	04/22/24 12:01	
Dibromofluoromethane (S)	%	102	75-135	04/22/24 12:01	1d
Toluene-d8 (S)	%	97	65-148	04/22/24 12:01	

LABORATORY CONTROL SAMPLE: 3596244

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	47.7	95	67-134	
1,1,2,2-Tetrachloroethane	ug/kg	50	47.8	96	67-122	
1,1-Dichloroethene	ug/kg	50	48.3	97	57-140	
1,2,4-Trimethylbenzene	ug/kg	50	45.1	90	60-122	
1,2-Dibromoethane (EDB)	ug/kg	50	48.5	97	71-126	
1,2-Dichloroethane	ug/kg	50	50.1	100	67-129	
1,2-Dichloropropane	ug/kg	50	49.2	98	71-123	
1,3,5-Trimethylbenzene	ug/kg	50	44.7	89	62-118	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

LABORATORY CONTROL SAMPLE: 3596244

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	50	48.3	97	69-125	
Chlorobenzene	ug/kg	50	45.6	91	68-122	
Chloroform	ug/kg	50	49.1	98	71-124	
cis-1,2-Dichloroethene	ug/kg	50	49.6	99	70-123	
Ethylbenzene	ug/kg	50	45.9	92	65-124	
Isopropylbenzene (Cumene)	ug/kg	50	46.3	93	65-126	
Methyl-tert-butyl ether	ug/kg	50	48.4	97	69-128	
n-Hexane	ug/kg	50	40.9	82	55-123	
Tetrachloroethene	ug/kg	50	46.1	92	62-128	
Toluene	ug/kg	50	46.1	92	60-122	
trans-1,2-Dichloroethene	ug/kg	50	49.2	98	67-124	
Trichloroethene	ug/kg	50	47.5	95	68-128	
Vinyl chloride	ug/kg	50	59.2	118	52-142	
Xylene (Total)	ug/kg	150	135	90	62-122	
4-Bromofluorobenzene (S)	%			100	63-132	
Dibromofluoromethane (S)	%			104	75-135	
Toluene-d8 (S)	%			98	65-148	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

QC Batch: 785758 Analysis Method: EPA 8270 by SIM
 QC Batch Method: EPA 3546 Analysis Description: 8270 Soil PAH by SIM
 Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50370958002, 50370958003, 50370958004, 50370958005, 50370958006

METHOD BLANK: 3594670 Matrix: Solid

Associated Lab Samples: 50370958002, 50370958003, 50370958004, 50370958005, 50370958006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.0050	04/19/24 20:25	
2-Methylnaphthalene	mg/kg	ND	0.0050	04/19/24 20:25	
Acenaphthene	mg/kg	ND	0.0050	04/19/24 20:25	
Acenaphthylene	mg/kg	ND	0.0050	04/19/24 20:25	
Anthracene	mg/kg	ND	0.0050	04/19/24 20:25	
Benzo(a)anthracene	mg/kg	ND	0.0050	04/19/24 20:25	
Benzo(a)pyrene	mg/kg	ND	0.0050	04/19/24 20:25	
Benzo(b)fluoranthene	mg/kg	ND	0.0050	04/19/24 20:25	
Benzo(g,h,i)perylene	mg/kg	ND	0.0050	04/19/24 20:25	
Benzo(k)fluoranthene	mg/kg	ND	0.0050	04/19/24 20:25	
Chrysene	mg/kg	ND	0.0050	04/19/24 20:25	
Dibenz(a,h)anthracene	mg/kg	ND	0.0050	04/19/24 20:25	
Fluoranthene	mg/kg	ND	0.0050	04/19/24 20:25	
Fluorene	mg/kg	ND	0.0050	04/19/24 20:25	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.0050	04/19/24 20:25	
Naphthalene	mg/kg	ND	0.0050	04/19/24 20:25	
Phenanthrene	mg/kg	ND	0.0050	04/19/24 20:25	
Pyrene	mg/kg	ND	0.0050	04/19/24 20:25	
2-Fluorobiphenyl (S)	%	58	23-115	04/19/24 20:25	
p-Terphenyl-d14 (S)	%	71	19-136	04/19/24 20:25	

LABORATORY CONTROL SAMPLE: 3594671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.67	0.51	76	52-125	
2-Methylnaphthalene	mg/kg	0.67	0.49	73	52-123	
Acenaphthene	mg/kg	0.67	0.47	71	54-119	
Acenaphthylene	mg/kg	0.67	0.53	79	55-130	
Anthracene	mg/kg	0.67	0.45	68	58-120	
Benzo(a)anthracene	mg/kg	0.67	0.50	76	59-126	
Benzo(a)pyrene	mg/kg	0.67	0.54	82	58-133	
Benzo(b)fluoranthene	mg/kg	0.67	0.51	77	54-137	
Benzo(g,h,i)perylene	mg/kg	0.67	0.47	70	53-127	
Benzo(k)fluoranthene	mg/kg	0.67	0.53	80	54-126	
Chrysene	mg/kg	0.67	0.46	69	59-129	
Dibenz(a,h)anthracene	mg/kg	0.67	0.50	75	54-128	
Fluoranthene	mg/kg	0.67	0.51	77	58-137	
Fluorene	mg/kg	0.67	0.51	76	57-129	
Indeno(1,2,3-cd)pyrene	mg/kg	0.67	0.49	74	56-129	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

LABORATORY CONTROL SAMPLE: 3594671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	mg/kg	0.67	0.50	74	48-112	
Phenanthrene	mg/kg	0.67	0.49	74	57-125	
Pyrene	mg/kg	0.67	0.54	80	55-133	
2-Fluorobiphenyl (S)	%			68	23-115	
p-Terphenyl-d14 (S)	%			81	19-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3594672 3594673

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50370816013 Result	Spike Conc.	Spike Conc.	MS Result						
1-Methylnaphthalene	mg/kg	ND	0.76	0.75	0.49	0.56	64	75	17-141	14	20
2-Methylnaphthalene	mg/kg	ND	0.76	0.75	0.47	0.53	61	70	16-139	12	20
Acenaphthene	mg/kg	ND	0.76	0.75	0.45	0.51	59	69	26-123	13	20
Acenaphthylene	mg/kg	ND	0.76	0.75	0.50	0.57	65	77	16-125	14	20
Anthracene	mg/kg	ND	0.76	0.75	0.41	0.46	54	62	13-133	13	20
Benzo(a)anthracene	mg/kg	ND	0.76	0.75	0.43	0.51	57	68	10-148	16	20
Benzo(a)pyrene	mg/kg	ND	0.76	0.75	0.46	0.54	60	73	10-133	17	20
Benzo(b)fluoranthene	mg/kg	ND	0.76	0.75	0.43	0.51	57	69	10-155	17	20
Benzo(g,h,i)perylene	mg/kg	ND	0.76	0.75	0.40	0.47	52	62	10-129	16	20
Benzo(k)fluoranthene	mg/kg	ND	0.76	0.75	0.45	0.52	58	70	12-142	16	20
Chrysene	mg/kg	ND	0.76	0.75	0.42	0.49	55	66	14-148	17	20
Dibenz(a,h)anthracene	mg/kg	ND	0.76	0.75	0.43	0.51	57	68	10-131	16	20
Fluoranthene	mg/kg	ND	0.76	0.75	0.45	0.49	59	66	10-154	9	20
Fluorene	mg/kg	ND	0.76	0.75	0.47	0.53	62	71	26-134	12	20
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.76	0.75	0.41	0.49	54	65	10-136	17	20
Naphthalene	mg/kg	ND	0.76	0.75	0.48	0.54	63	72	20-119	11	20
Phenanthrene	mg/kg	ND	0.76	0.75	0.46	0.52	60	69	12-150	13	20
Pyrene	mg/kg	ND	0.76	0.75	0.48	0.57	63	76	17-152	16	20
2-Fluorobiphenyl (S)	%						57	66	23-115		
p-Terphenyl-d14 (S)	%						63	76	19-136		

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

QC Batch:	786090	Analysis Method:	EPA 8270 by SIM
QC Batch Method:	EPA 3546	Analysis Description:	8270 Soil PAH by SIM
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50370958007, 50370958008, 50370958009, 50370958010, 50370958011, 50370958012, 50370958013, 50370958014

METHOD BLANK: 3596222 Matrix: Solid
 Associated Lab Samples: 50370958007, 50370958008, 50370958009, 50370958010, 50370958011, 50370958012, 50370958013, 50370958014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.0050	04/23/24 15:44	
2-Methylnaphthalene	mg/kg	ND	0.0050	04/23/24 15:44	
Acenaphthene	mg/kg	ND	0.0050	04/23/24 15:44	
Acenaphthylene	mg/kg	ND	0.0050	04/23/24 15:44	
Anthracene	mg/kg	ND	0.0050	04/23/24 15:44	
Benzo(a)anthracene	mg/kg	ND	0.0050	04/23/24 15:44	
Benzo(a)pyrene	mg/kg	ND	0.0050	04/23/24 15:44	
Benzo(b)fluoranthene	mg/kg	ND	0.0050	04/23/24 15:44	
Benzo(g,h,i)perylene	mg/kg	ND	0.0050	04/23/24 15:44	
Benzo(k)fluoranthene	mg/kg	ND	0.0050	04/23/24 15:44	
Chrysene	mg/kg	ND	0.0050	04/23/24 15:44	
Dibenz(a,h)anthracene	mg/kg	ND	0.0050	04/23/24 15:44	
Fluoranthene	mg/kg	ND	0.0050	04/23/24 15:44	
Fluorene	mg/kg	ND	0.0050	04/23/24 15:44	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.0050	04/23/24 15:44	
Naphthalene	mg/kg	ND	0.0050	04/23/24 15:44	
Phenanthrene	mg/kg	ND	0.0050	04/23/24 15:44	
Pyrene	mg/kg	ND	0.0050	04/23/24 15:44	
2-Fluorobiphenyl (S)	%	68	16-93	04/23/24 15:44	
p-Terphenyl-d14 (S)	%	89	19-115	04/23/24 15:44	

LABORATORY CONTROL SAMPLE: 3596223

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.67	0.58	87	49-116	
2-Methylnaphthalene	mg/kg	0.67	0.56	85	48-116	
Acenaphthene	mg/kg	0.67	0.54	81	48-118	
Acenaphthylene	mg/kg	0.67	0.59	89	50-123	
Anthracene	mg/kg	0.67	0.52	78	45-123	
Benzo(a)anthracene	mg/kg	0.67	0.59	88	52-131	
Benzo(a)pyrene	mg/kg	0.67	0.64	95	56-135	
Benzo(b)fluoranthene	mg/kg	0.67	0.59	89	52-139	
Benzo(g,h,i)perylene	mg/kg	0.67	0.55	83	49-132	
Benzo(k)fluoranthene	mg/kg	0.67	0.60	91	55-134	
Chrysene	mg/kg	0.67	0.56	84	52-127	
Dibenz(a,h)anthracene	mg/kg	0.67	0.58	88	51-137	
Fluoranthene	mg/kg	0.67	0.55	83	53-136	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

LABORATORY CONTROL SAMPLE: 3596223

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	mg/kg	0.67	0.59	89	52-124	
Indeno(1,2,3-cd)pyrene	mg/kg	0.67	0.56	84	49-139	
Naphthalene	mg/kg	0.67	0.54	82	45-110	
Phenanthrene	mg/kg	0.67	0.57	86	52-124	
Pyrene	mg/kg	0.67	0.67	100	53-129	
2-Fluorobiphenyl (S)	%			73	16-93	
p-Terphenyl-d14 (S)	%			101	19-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3596224 3596225

Parameter	Units	MS 3596224		MSD 3596225		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50370869001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
1-Methylnaphthalene	mg/kg	0.019	0.65	0.66	0.54	0.51	80	75	20-133	6	20
2-Methylnaphthalene	mg/kg	0.017	0.65	0.66	0.53	0.50	78	73	16-136	6	20
Acenaphthene	mg/kg	0.050	0.65	0.66	0.53	0.51	73	69	30-119	4	20
Acenaphthylene	mg/kg	0.0078	0.65	0.66	0.53	0.49	79	74	34-117	6	20
Anthracene	mg/kg	0.14	0.65	0.66	0.59	0.56	69	64	16-129	6	20
Benzo(a)anthracene	mg/kg	0.58	0.65	0.66	1.2	1.2	99	88	20-136	6	20
Benzo(a)pyrene	mg/kg	0.56	0.65	0.66	1.2	1.1	101	87	20-142	7	20
Benzo(b)fluoranthene	mg/kg	0.78	0.65	0.66	1.5	1.4	115	96	17-141	8	20
Benzo(g,h,i)perylene	mg/kg	0.31	0.65	0.66	0.78	0.70	72	60	14-130	10	20
Benzo(k)fluoranthene	mg/kg	0.25	0.65	0.66	0.81	0.75	86	75	19-142	9	20
Chrysene	mg/kg	0.58	0.65	0.66	1.2	1.2	102	89	22-131	6	20
Dibenz(a,h)anthracene	mg/kg	0.097	0.65	0.66	0.55	0.47	69	57	27-124	15	20
Fluoranthene	mg/kg	1.1	0.65	0.66	2.0	1.9	132	122	12-155	3	20
Fluorene	mg/kg	0.044	0.65	0.66	0.56	0.53	78	73	25-135	5	20
Indeno(1,2,3-cd)pyrene	mg/kg	0.30	0.65	0.66	0.81	0.73	77	65	18-133	10	20
Naphthalene	mg/kg	0.012	0.65	0.66	0.50	0.48	75	71	11-130	4	20
Phenanthrene	mg/kg	0.74	0.65	0.66	1.4	1.4	106	108	11-147	1	20
Pyrene	mg/kg	1.2	0.65	0.66	2.2	2.1	148	136	11-154	3	20
2-Fluorobiphenyl (S)	%						64	62	16-93		
p-Terphenyl-d14 (S)	%						82	75	19-115		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

QC Batch:	786004	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540G	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50370958002, 50370958003, 50370958004, 50370958005, 50370958006, 50370958007, 50370958008, 50370958009, 50370958010, 50370958011, 50370958012, 50370958013, 50370958014

SAMPLE DUPLICATE: 3595935

Parameter	Units	50371021001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	2.7	2.9	8	10	N2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- | | |
|----|---|
| 1d | Neither matrix spike nor matrix precision data could be provided for this analytical batch due to insufficient sample volume. |
| N2 | The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request. |

REPORT OF LABORATORY ANALYSIS

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METHOD CROSS REFERENCE TABLE

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Parameter	Matrix	Analytical Method	Preparation Method
6010 MET ICP	Solid	SW-846 6010B	SW-846 3050B
8260 MSV 5035A VOA	Solid	SW-846 8260C	SW-846 5035A
8270 PAH Soil by SIM	Solid	SW-846 8270C	SW-846 3546

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50370958002	W-SW-01 (6')	EPA 3050	785669	EPA 6010	785814
50370958003	UNL-BTM-01 (13'-14')	EPA 3050	785669	EPA 6010	785814
50370958004	UNL-BTM-02 (13'-14')	EPA 3050	785669	EPA 6010	785814
50370958005	UNL-BTM-03 (13'-14')	EPA 3050	785669	EPA 6010	785814
50370958006	W-SW-02 (6.5')	EPA 3050	785669	EPA 6010	785814
50370958007	W-SW-03 (7')	EPA 3050	785669	EPA 6010	785814
50370958008	DSL-BTM-04 (13'-14')	EPA 3050	785669	EPA 6010	785814
50370958009	DSL-BTM-05 (13'-14')	EPA 3050	785669	EPA 6010	785814
50370958010	W-SW-04 (7')	EPA 3050	785669	EPA 6010	785814
50370958011	DSL-BTM-06 (13'-14')	EPA 3050	785669	EPA 6010	785814
50370958012	N-SW-01 (7')	EPA 3050	785669	EPA 6010	785814
50370958013	SO-DUP-01	EPA 3050	785669	EPA 6010	785814
50370958014	SO-DUP-02	EPA 3050	785669	EPA 6010	785814
50370958002	W-SW-01 (6')	EPA 3546	785758	EPA 8270 by SIM	785840
50370958003	UNL-BTM-01 (13'-14')	EPA 3546	785758	EPA 8270 by SIM	785840
50370958004	UNL-BTM-02 (13'-14')	EPA 3546	785758	EPA 8270 by SIM	785840
50370958005	UNL-BTM-03 (13'-14')	EPA 3546	785758	EPA 8270 by SIM	785840
50370958006	W-SW-02 (6.5')	EPA 3546	785758	EPA 8270 by SIM	785840
50370958007	W-SW-03 (7')	EPA 3546	786090	EPA 8270 by SIM	786295
50370958008	DSL-BTM-04 (13'-14')	EPA 3546	786090	EPA 8270 by SIM	786295
50370958009	DSL-BTM-05 (13'-14')	EPA 3546	786090	EPA 8270 by SIM	786295
50370958010	W-SW-04 (7')	EPA 3546	786090	EPA 8270 by SIM	786295
50370958011	DSL-BTM-06 (13'-14')	EPA 3546	786090	EPA 8270 by SIM	786295
50370958012	N-SW-01 (7')	EPA 3546	786090	EPA 8270 by SIM	786295
50370958013	SO-DUP-01	EPA 3546	786090	EPA 8270 by SIM	786295
50370958014	SO-DUP-02	EPA 3546	786090	EPA 8270 by SIM	786295
50370958001	Trip Blank-01 (041724)	EPA 8260	786093		
50370958002	W-SW-01 (6')	EPA 8260	786093		
50370958003	UNL-BTM-01 (13'-14')	EPA 8260	786093		
50370958004	UNL-BTM-02 (13'-14')	EPA 8260	786093		
50370958005	UNL-BTM-03 (13'-14')	EPA 8260	786093		
50370958006	W-SW-02 (6.5')	EPA 8260	786093		
50370958007	W-SW-03 (7')	EPA 8260	786093		
50370958008	DSL-BTM-04 (13'-14')	EPA 8260	786093		
50370958009	DSL-BTM-05 (13'-14')	EPA 8260	786095		
50370958010	W-SW-04 (7')	EPA 8260	786095		
50370958011	DSL-BTM-06 (13'-14')	EPA 8260	786095		
50370958012	N-SW-01 (7')	EPA 8260	786095		
50370958013	SO-DUP-01	EPA 8260	786095		
50370958014	SO-DUP-02	EPA 8260	786095		
50370958002	W-SW-01 (6')	SM 2540G	786004		
50370958003	UNL-BTM-01 (13'-14')	SM 2540G	786004		
50370958004	UNL-BTM-02 (13'-14')	SM 2540G	786004		
50370958005	UNL-BTM-03 (13'-14')	SM 2540G	786004		
50370958006	W-SW-02 (6.5')	SM 2540G	786004		
50370958007	W-SW-03 (7')	SM 2540G	786004		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370958

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50370958008	DSL-BTM-04 (13'-14')	SM 2540G	786004		
50370958009	DSL-BTM-05 (13'-14')	SM 2540G	786004		
50370958010	W-SW-04 (7')	SM 2540G	786004		
50370958011	DSL-BTM-06 (13'-14')	SM 2540G	786004		
50370958012	N-SW-01 (7')	SM 2540G	786004		
50370958013	SO-DUP-01	SM 2540G	786004		
50370958014	SO-DUP-02	SM 2540G	786004		

REPORT OF LABORATORY ANALYSIS

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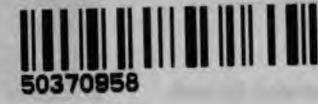


Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO#: 50370958



Company Name: Arcadis U.S., Inc. - IN
Street Address: 55 Monument Circle, Indianapolis, IN 46204

Contact/Report To: Griggs, Bryant
Phone #: 317-557-9115
E-Mail: bryant.griggs@arcadis.com
Cc E-Mail:

Customer Project #:
Project Name: UPS Terre Haute UST Closure
Site Collection Info/Facility ID (as applicable):
5596 E. Margaret Dr.
Terre Haute, IN

Invoice To: *ATTN-Stephen Vass*
Invoice E-Mail:
Purchase Order # (if applicable):
Quote #:

Specify Container Size **
8 8 10 10
Identify Container Preservative Type***
1 1 1 1
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other
*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Time Zone Collected: [] AK [] PT [] MT [] CT ET
Data Deliverables:
 Level II [] Level III [] Level IV
 EQUIS
 Other

County / State origin of sample(s): Indiana
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable Yes [] No
IDEM UST
Rush (Pre-approval required):
[] Same Day [] 1 Day [] 2 Day 3 Day [] Other
Date Results Requested: 3-day RUSH
Field Filtered (if applicable): [] Yes No
Analysis:

VOC by 8260/5035	Percent Moisture	PAH by 8270	Lead by 6010
------------------	------------------	-------------	--------------

Proj. Mgr:
Will Statz
AcctNum / Client ID:
Table #:
Profile / Template:
6293-1
Preglog / Bottle Ord. ID:
1173843

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine	
			Date	Time	Date	Time		Results	Units
TRIP Blank - 01 (04/17/24)	DT	L66			L66	L66	3		
W-SW-01 (6')	SS	G			4/17/24	1030	5		
W-SW-01 UNL-BTM-01 (13'-14')	SS	G			4/17/24	1045	5		
UNL-BTM-02 (13'-14')	SS	G			4/17/24	1115	5		
UNL-BTM-03 (13'-14')	SS	G			4/17/24	1135	5		
W-SW-02 (6.5')	SS	G			4/17/24	1150	5		
W-SW-03 (7')	SS	G			4/17/24	1345	5		
DSL-BTM-04 (13'-14')	SS	G			4/17/24	1400	5		
DSL-BTM-05 (13'-14')	SS	G			4/17/24	1420	5		
W-SW-04 (7')	SS	G			4/17/24	1550	5		

VOC by 8260/5035	Percent Moisture	PAH by 8270	Lead by 6010
X			
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X

Sample Comment
001
002
003
004
005
006
007
008
009
010

Additional Instructions from Pace®:
VOC by 8260/5035 has a short hold time of 48 Hours

Collected By: (Printed Name) *Bryant Griggs*
Signature: *Bryant Griggs*

Customer Remarks / Special Conditions / Possible Hazards:
Coolers: 2 Thermometer ID: F Correction Factor (°C): 0.2 Obs. Temp. (°C): 1.8 Corrected Temp. (°C): 1.6 On Ice: 4

Relinquished by/Company: (Signature) *Bryant Griggs*
Date/Time: 4/18/2024 1427

Received by/Company: (Signature) *CR pace*
Date/Time: 4-18-24 1427

Relinquished by/Company: (Signature)
Date/Time:

Relinquished by/Company: (Signature)
Date/Time:

Tracking Number:
Delivered by: In Person [] Courier
[] FedEx [] UPS [] Other
Page: 1 of 2

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here



Scan QR Code for instructions

Company Name: Arcadis U.S., Inc. - IN
 Street Address: 55 Monument Circle, Indianapolis, IN 46204
 Contact/Report To: Griggs, Bryant
 Phone #: 317-557-9115
 E-Mail: bryant.griggs@arcadis.com
 Cc E-Mail:
 Customer Project #:
 Project Name: UPS Terre Haute UST Closure
 Invoice To: *ATTN-Stephen Vasas*
 Invoice E-Mail:
 Site Collection Info/Facility ID (as applicable):
5546 E. Margaret Dr. Terre Haute, IN
 Purchase Order # (if applicable):
 Quote #:
 Time Zone Collected: [] AK [] PT [] MT [] CT [] ET
 County / State origin of sample(s): Indiana

Specify Container Size **
 8 8 10 10
 Identify Container Preservative Type***
 10/11/11/1
 Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other
 *** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Data Deliverables:
 Level II [] Level III [] Level IV
 EQUIS
 Other
 Regulatory Program (DW, RCRA, etc.) as applicable: Reportable Yes [] No
IOEM UST
 Rush (Pre-approval required):
 Same Day [] 1 Day [] 2 Day [] 3 Day [] Other _____
 DW PWSID # or WW Permit # as applicable:
 Date Results Requested: **3-day RUSH**
 Field Filtered (if applicable): [] Yes [] No
 Analysis:

Proj. Mgr:
Will Statz
 AcctNum / Client ID:
 Table #:
 Profile / Template:
6293-1
 Prelog / Bottle Ord. ID:
1173843

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine		VOC by 8260/5035	Percent Moisture	PAH by 8270	Lead by 6010	Sample Comment
			Date	Time	Date	Time		Results	Units					
DSL-BTM-06(13-14')	SS	G			4/17/24	1605	5			X	X	X	X	011
N-SW-01(7')	SS	G			4/17/24	1625	5			X	X	X	X	012
SO-DUP-01	SS	G			4/17/24		5			X	X	X	X	013
SO-DUP-02	SS	G			4/17/24		5			X	X	X	X	014
TRIP BLANK-02(041824)														
TRIP BLANK-02(041824)														

Lab Use Only	Preservation non-conformance identified for sample.
--------------	---

Additional Instructions from Pace*:
VOC by 8260/5035 has a short hold time of 48 Hours
 Collected By: (Printed Name) *Bryant Griggs*
 Signature: *R*
 Date/Time: *4/18/2024 / 1427*

Customer Remarks / Special Conditions / Possible Hazards:
 # Coolers: *2* Thermometer ID: *F* Correction Factor (°C): *-0.2* Obs. Temp. (°C): *0.6* Corrected Temp. (°C): *0.4* On Ice: *Y*

Relinquished by/Company: (Signature) *D. Vasas / Arcadis* Date/Time: *4/18/2024 / 1427*
 Relinquished by/Company: (Signature) _____ Date/Time: _____
 Relinquished by/Company: (Signature) _____ Date/Time: _____
 Relinquished by/Company: (Signature) _____ Date/Time: _____

Received by/Company: (Signature) *CR Pace* Date/Time: *4-18-24 1427*
 Received by/Company: (Signature) _____ Date/Time: _____
 Received by/Company: (Signature) _____ Date/Time: _____
 Received by/Company: (Signature) _____ Date/Time: _____

Tracking Number:
 Delivered by: Person [] Courier
 FedEX [] UPS [] Other
 Page: *2* of *2*



SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 4-18-24 1452 CR

1. Courier: FED EX UPS CLIENT PACE NOW/JETT OTHER _____
2. Custody Seal on Cooler/Box Present: Yes No ^{4-18-24 CR}
- (If yes) Seals Intact: Yes No (leave blank if no seals were present)
3. Thermometer: **1 2 3 4 5 6 7 8 A B C D E F G H**
4. Cooler Temperature(s): 1.8/1.6 0.6/0.4 _____
- (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. Packing Material: Bubble Wrap Bubble Bags
 None Other _____
6. Ice Type: Wet Blue None
7. If temp. is over 6°C or under 0°C, was the PM notified?: Yes No
 Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		/	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.			/
Short Hold Time Analysis (48 hours or less)? Analysis: <u>DTIC</u>	/		Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form			/
Time 5035A TC placed in Freezer or Short Holds To Lab		Time: <u>15:39</u>	Residual Chlorine Check (SVOC 625 Pest/PCB 608)	<u>Present</u>	<u>Absent</u>	<u>N/A</u>
Rush TAT Requested (4 days or less): <u>3 days</u>	/		Residual Chlorine Check (Total/Amenable/Free Cyanide)			/
Custody Signatures Present?	/		Headspace Wisconsin Sulfide?			/
Containers Intact?:	/		Headspace in VOA Vials (>6mm): See Container Count form for details	<u>Present</u>	<u>Absent</u>	<u>No VOA Vials Sent</u>
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	/		Trip Blank Present?		/	
Extra labels on Terracore Vials? (soils only)		/	Trip Blank Custody Seals?:			/

COMMENTS:

April 24, 2024

Mr. Stephen Vasas
Arcadis
55 Monument Circle
Suite 300B
Indianapolis, IN 46204

RE: Project: UPS Terre Haute UST Closure
Pace Project No.: 50370968

Dear Mr. Vasas:

Enclosed are the analytical results for sample(s) received by the laboratory on April 18, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Will Statz
will.statz@pacelabs.com
(317)228-3105
Project Manager

Enclosures

cc: Mr. Bryant Griggs, Arcadis U.S., Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Washington Dept of Ecology #: C1081

Wisconsin Laboratory #: 999788130

USDA Foreign Soil Permit #: 525-23-13-23119

USDA Compliance Agreement #: IN-SL-22-001

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SAMPLE SUMMARY

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50370968001	Trip Blank-02 (041824)	Solid	04/18/24 07:55	04/18/24 14:27
50370968002	E-SW-01 (7')	Solid	04/18/24 07:55	04/18/24 14:27
50370968003	E-SW-02 (7')	Solid	04/18/24 08:05	04/18/24 14:27
50370968004	E-SW-03 (7')	Solid	04/18/24 08:15	04/18/24 14:27
50370968005	E-SW-04 (7')	Solid	04/18/24 09:20	04/18/24 14:27
50370968006	E-SW-05 (7')	Solid	04/18/24 09:35	04/18/24 14:27
50370968007	UNL-DSP-E (4')	Solid	04/18/24 10:10	04/18/24 14:27
50370968008	UNL-DSP/PL (3')	Solid	04/18/24 10:25	04/18/24 14:27
50370968009	DSL-DSP-E (3.5')	Solid	04/18/24 10:45	04/18/24 14:27
50370968010	DSL-DSP/PL (3')	Solid	04/18/24 11:00	04/18/24 14:27
50370968011	SO-DUP-03	Solid	04/18/24 08:00	04/18/24 14:27

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SAMPLE ANALYTE COUNT

Project: UPS Terre Haute UST Closure
 Pace Project No.: 50370968

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50370968001	Trip Blank-02 (041824)	EPA 8260	TMW	72	PASI-I
50370968002	E-SW-01 (7')	EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50370968003	E-SW-02 (7')	EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50370968004	E-SW-03 (7')	EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50370968005	E-SW-04 (7')	EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50370968006	E-SW-05 (7')	EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50370968007	UNL-DSP-E (4')	EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50370968008	UNL-DSP/PL (3')	EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50370968009	DSL-DSP-E (3.5')	EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50370968010	DSL-DSP/PL (3')	EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I

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SAMPLE ANALYTE COUNT

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50370968011	SO-DUP-03	EPA 6010	JPK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

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SUMMARY OF DETECTION

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50370968002	E-SW-01 (7')					
EPA 6010	Lead	8.5	mg/kg	1.3	04/22/24 23:54	
SM 2540G	Percent Moisture	22.9	%	0.10	04/22/24 13:25	N2
50370968003	E-SW-02 (7')					
EPA 6010	Lead	7.8	mg/kg	1.2	04/22/24 23:55	
SM 2540G	Percent Moisture	19.4	%	0.10	04/22/24 13:25	N2
50370968004	E-SW-03 (7')					
EPA 6010	Lead	11.3	mg/kg	1.1	04/23/24 00:03	
SM 2540G	Percent Moisture	20.6	%	0.10	04/22/24 13:25	N2
50370968005	E-SW-04 (7')					
EPA 6010	Lead	8.6	mg/kg	1.2	04/23/24 00:05	
SM 2540G	Percent Moisture	22.2	%	0.10	04/22/24 13:00	N2
50370968006	E-SW-05 (7')					
EPA 6010	Lead	9.3	mg/kg	1.1	04/23/24 00:08	
SM 2540G	Percent Moisture	22.5	%	0.10	04/22/24 13:01	N2
50370968007	UNL-DSP-E (4')					
EPA 6010	Lead	9.3	mg/kg	1.1	04/23/24 00:10	
EPA 8270 by SIM	Pyrene	0.0077	mg/kg	0.0062	04/19/24 19:54	
SM 2540G	Percent Moisture	21.3	%	0.10	04/22/24 13:01	N2
50370968008	UNL-DSP/PL (3')					
EPA 6010	Lead	10.6	mg/kg	1.2	04/23/24 00:11	
SM 2540G	Percent Moisture	17.8	%	0.10	04/22/24 13:01	N2
50370968009	DSL-DSP-E (3.5')					
EPA 6010	Lead	12.7	mg/kg	1.1	04/23/24 00:13	
EPA 8270 by SIM	Acenaphthene	0.016	mg/kg	0.0064	04/19/24 20:21	
EPA 8270 by SIM	Fluorene	0.077	mg/kg	0.0064	04/19/24 20:21	
EPA 8270 by SIM	Pyrene	0.032	mg/kg	0.0064	04/19/24 20:21	
EPA 8260	sec-Butylbenzene	11.4	ug/kg	5.5	04/23/24 01:19	
SM 2540G	Percent Moisture	22.5	%	0.10	04/22/24 13:01	N2
50370968010	DSL-DSP/PL (3')					
EPA 6010	Lead	15.3	mg/kg	1.2	04/23/24 00:14	
SM 2540G	Percent Moisture	21.6	%	0.10	04/22/24 13:01	N2
50370968011	SO-DUP-03					
EPA 6010	Lead	18.4	mg/kg	1.3	04/23/24 00:15	
EPA 8270 by SIM	Acenaphthene	0.040	mg/kg	0.0062	04/19/24 20:48	
EPA 8270 by SIM	Chrysene	0.019	mg/kg	0.0062	04/19/24 20:48	
EPA 8270 by SIM	Fluorene	0.13	mg/kg	0.0062	04/19/24 20:48	
EPA 8270 by SIM	Phenanthrene	0.089	mg/kg	0.0062	04/19/24 20:48	
EPA 8270 by SIM	Pyrene	0.068	mg/kg	0.0062	04/19/24 20:48	
EPA 8260	sec-Butylbenzene	10.9	ug/kg	6.1	04/23/24 02:19	
SM 2540G	Percent Moisture	22.0	%	0.10	04/22/24 13:01	N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: Trip Blank-02 (041824) Lab ID: 50370968001 Collected: 04/18/24 07:55 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/kg	100	1		04/22/24 19:44	67-64-1	
Acrolein	ND	ug/kg	100	1		04/22/24 19:44	107-02-8	
Acrylonitrile	ND	ug/kg	100	1		04/22/24 19:44	107-13-1	
Benzene	ND	ug/kg	5.0	1		04/22/24 19:44	71-43-2	
Bromobenzene	ND	ug/kg	5.0	1		04/22/24 19:44	108-86-1	
Bromochloromethane	ND	ug/kg	5.0	1		04/22/24 19:44	74-97-5	
Bromodichloromethane	ND	ug/kg	5.0	1		04/22/24 19:44	75-27-4	
Bromoform	ND	ug/kg	5.0	1		04/22/24 19:44	75-25-2	
Bromomethane	ND	ug/kg	5.0	1		04/22/24 19:44	74-83-9	
2-Butanone (MEK)	ND	ug/kg	25.0	1		04/22/24 19:44	78-93-3	
n-Butylbenzene	ND	ug/kg	5.0	1		04/22/24 19:44	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.0	1		04/22/24 19:44	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.0	1		04/22/24 19:44	98-06-6	
Carbon disulfide	ND	ug/kg	10.0	1		04/22/24 19:44	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	1		04/22/24 19:44	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1		04/22/24 19:44	108-90-7	
Chloroethane	ND	ug/kg	5.0	1		04/22/24 19:44	75-00-3	
Chloroform	ND	ug/kg	5.0	1		04/22/24 19:44	67-66-3	
Chloromethane	ND	ug/kg	5.0	1		04/22/24 19:44	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.0	1		04/22/24 19:44	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.0	1		04/22/24 19:44	106-43-4	
Dibromochloromethane	ND	ug/kg	5.0	1		04/22/24 19:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1		04/22/24 19:44	106-93-4	
Dibromomethane	ND	ug/kg	5.0	1		04/22/24 19:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1		04/22/24 19:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1		04/22/24 19:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1		04/22/24 19:44	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	100	1		04/22/24 19:44	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.0	1		04/22/24 19:44	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.0	1		04/22/24 19:44	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1		04/22/24 19:44	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.0	1		04/22/24 19:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1		04/22/24 19:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1		04/22/24 19:44	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1		04/22/24 19:44	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.0	1		04/22/24 19:44	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.0	1		04/22/24 19:44	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.0	1		04/22/24 19:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1		04/22/24 19:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1		04/22/24 19:44	10061-02-6	
Ethylbenzene	ND	ug/kg	5.0	1		04/22/24 19:44	100-41-4	
Ethyl methacrylate	ND	ug/kg	100	1		04/22/24 19:44	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	1		04/22/24 19:44	87-68-3	
n-Hexane	ND	ug/kg	5.0	1		04/22/24 19:44	110-54-3	
2-Hexanone	ND	ug/kg	100	1		04/22/24 19:44	591-78-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: Trip Blank-02 (041824) Lab ID: 50370968001 Collected: 04/18/24 07:55 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Iodomethane	ND	ug/kg	100	1		04/22/24 19:44	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1		04/22/24 19:44	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.0	1		04/22/24 19:44	99-87-6	
Methylene Chloride	ND	ug/kg	20.0	1		04/22/24 19:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	25.0	1		04/22/24 19:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1		04/22/24 19:44	1634-04-4	
n-Propylbenzene	ND	ug/kg	5.0	1		04/22/24 19:44	103-65-1	
Styrene	ND	ug/kg	5.0	1		04/22/24 19:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	1		04/22/24 19:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1		04/22/24 19:44	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1		04/22/24 19:44	127-18-4	
Toluene	ND	ug/kg	5.0	1		04/22/24 19:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	1		04/22/24 19:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1		04/22/24 19:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1		04/22/24 19:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1		04/22/24 19:44	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1		04/22/24 19:44	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	1		04/22/24 19:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.0	1		04/22/24 19:44	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1		04/22/24 19:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1		04/22/24 19:44	108-67-8	
Vinyl acetate	ND	ug/kg	100	1		04/22/24 19:44	108-05-4	
Vinyl chloride	ND	ug/kg	5.0	1		04/22/24 19:44	75-01-4	
Xylene (Total)	ND	ug/kg	10.0	1		04/22/24 19:44	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	75-135	1		04/22/24 19:44	1868-53-7	
Toluene-d8 (S)	95	%.	65-148	1		04/22/24 19:44	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	63-132	1		04/22/24 19:44	460-00-4	

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**ANALYTICAL RESULTS**

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: E-SW-01 (7') Lab ID: **50370968002** Collected: 04/18/24 07:55 Received: 04/18/24 14:27 Matrix: Solid**Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.**

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis						
Lead	8.5	mg/kg	1.3	1	04/21/24 17:48	04/22/24 23:54	7439-92-1	
8270 PAH Soil by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - Indianapolis						
Acenaphthene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 18:07	83-32-9	
Acenaphthylene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 18:07	208-96-8	
Anthracene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 18:07	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 18:07	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 18:07	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 18:07	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 18:07	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 18:07	207-08-9	
Chrysene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 18:07	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 18:07	53-70-3	
Fluoranthene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 18:07	206-44-0	
Fluorene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 18:07	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 18:07	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 18:07	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 18:07	91-57-6	
Naphthalene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 18:07	91-20-3	
Phenanthrene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 18:07	85-01-8	
Pyrene	ND	mg/kg	0.0062	1	04/22/24 21:03	04/23/24 18:07	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	63	%.	16-93	1	04/22/24 21:03	04/23/24 18:07	321-60-8	
p-Terphenyl-d14 (S)	59	%.	19-115	1	04/22/24 21:03	04/23/24 18:07	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/kg	114	1		04/22/24 20:15	67-64-1	
Acrolein	ND	ug/kg	114	1		04/22/24 20:15	107-02-8	
Acrylonitrile	ND	ug/kg	114	1		04/22/24 20:15	107-13-1	
Benzene	ND	ug/kg	5.7	1		04/22/24 20:15	71-43-2	
Bromobenzene	ND	ug/kg	5.7	1		04/22/24 20:15	108-86-1	
Bromochloromethane	ND	ug/kg	5.7	1		04/22/24 20:15	74-97-5	
Bromodichloromethane	ND	ug/kg	5.7	1		04/22/24 20:15	75-27-4	
Bromoform	ND	ug/kg	5.7	1		04/22/24 20:15	75-25-2	
Bromomethane	ND	ug/kg	5.7	1		04/22/24 20:15	74-83-9	
2-Butanone (MEK)	ND	ug/kg	28.6	1		04/22/24 20:15	78-93-3	
n-Butylbenzene	ND	ug/kg	5.7	1		04/22/24 20:15	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.7	1		04/22/24 20:15	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.7	1		04/22/24 20:15	98-06-6	
Carbon disulfide	ND	ug/kg	11.4	1		04/22/24 20:15	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.7	1		04/22/24 20:15	56-23-5	
Chlorobenzene	ND	ug/kg	5.7	1		04/22/24 20:15	108-90-7	
Chloroethane	ND	ug/kg	5.7	1		04/22/24 20:15	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: E-SW-01 (7') Lab ID: 50370968002 Collected: 04/18/24 07:55 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	5.7	1		04/22/24 20:15	67-66-3	
Chloromethane	ND	ug/kg	5.7	1		04/22/24 20:15	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.7	1		04/22/24 20:15	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.7	1		04/22/24 20:15	106-43-4	
Dibromochloromethane	ND	ug/kg	5.7	1		04/22/24 20:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.7	1		04/22/24 20:15	106-93-4	
Dibromomethane	ND	ug/kg	5.7	1		04/22/24 20:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.7	1		04/22/24 20:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.7	1		04/22/24 20:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.7	1		04/22/24 20:15	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	114	1		04/22/24 20:15	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.7	1		04/22/24 20:15	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.7	1		04/22/24 20:15	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.7	1		04/22/24 20:15	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.7	1		04/22/24 20:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.7	1		04/22/24 20:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.7	1		04/22/24 20:15	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.7	1		04/22/24 20:15	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.7	1		04/22/24 20:15	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.7	1		04/22/24 20:15	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.7	1		04/22/24 20:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.7	1		04/22/24 20:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.7	1		04/22/24 20:15	10061-02-6	
Ethylbenzene	ND	ug/kg	5.7	1		04/22/24 20:15	100-41-4	
Ethyl methacrylate	ND	ug/kg	114	1		04/22/24 20:15	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.7	1		04/22/24 20:15	87-68-3	
n-Hexane	ND	ug/kg	5.7	1		04/22/24 20:15	110-54-3	
2-Hexanone	ND	ug/kg	114	1		04/22/24 20:15	591-78-6	
Iodomethane	ND	ug/kg	114	1		04/22/24 20:15	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	1		04/22/24 20:15	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.7	1		04/22/24 20:15	99-87-6	
Methylene Chloride	ND	ug/kg	22.9	1		04/22/24 20:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	28.6	1		04/22/24 20:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.7	1		04/22/24 20:15	1634-04-4	
n-Propylbenzene	ND	ug/kg	5.7	1		04/22/24 20:15	103-65-1	
Styrene	ND	ug/kg	5.7	1		04/22/24 20:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.7	1		04/22/24 20:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.7	1		04/22/24 20:15	79-34-5	
Tetrachloroethene	ND	ug/kg	5.7	1		04/22/24 20:15	127-18-4	
Toluene	ND	ug/kg	5.7	1		04/22/24 20:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.7	1		04/22/24 20:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.7	1		04/22/24 20:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.7	1		04/22/24 20:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.7	1		04/22/24 20:15	79-00-5	
Trichloroethene	ND	ug/kg	5.7	1		04/22/24 20:15	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: E-SW-01 (7') Lab ID: 50370968002 Collected: 04/18/24 07:55 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	5.7	1		04/22/24 20:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.7	1		04/22/24 20:15	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.7	1		04/22/24 20:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.7	1		04/22/24 20:15	108-67-8	
Vinyl acetate	ND	ug/kg	114	1		04/22/24 20:15	108-05-4	
Vinyl chloride	ND	ug/kg	5.7	1		04/22/24 20:15	75-01-4	
Xylene (Total)	ND	ug/kg	11.4	1		04/22/24 20:15	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	75-135	1		04/22/24 20:15	1868-53-7	
Toluene-d8 (S)	96	%	65-148	1		04/22/24 20:15	2037-26-5	
4-Bromofluorobenzene (S)	102	%	63-132	1		04/22/24 20:15	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	22.9	%	0.10	1		04/22/24 13:25		N2

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**ANALYTICAL RESULTS**

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: E-SW-02 (7') Lab ID: **50370968003** Collected: 04/18/24 08:05 Received: 04/18/24 14:27 Matrix: Solid**Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.**

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis						
Lead	7.8	mg/kg	1.2	1	04/21/24 17:48	04/22/24 23:55	7439-92-1	
8270 PAH Soil by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - Indianapolis						
Acenaphthene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 18:21	83-32-9	
Acenaphthylene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 18:21	208-96-8	
Anthracene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 18:21	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 18:21	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 18:21	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 18:21	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 18:21	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 18:21	207-08-9	
Chrysene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 18:21	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 18:21	53-70-3	
Fluoranthene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 18:21	206-44-0	
Fluorene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 18:21	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 18:21	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 18:21	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 18:21	91-57-6	
Naphthalene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 18:21	91-20-3	
Phenanthrene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 18:21	85-01-8	
Pyrene	ND	mg/kg	0.0061	1	04/22/24 21:03	04/23/24 18:21	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	57	%.	16-93	1	04/22/24 21:03	04/23/24 18:21	321-60-8	
p-Terphenyl-d14 (S)	66	%.	19-115	1	04/22/24 21:03	04/23/24 18:21	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/kg	122	1		04/22/24 20:45	67-64-1	
Acrolein	ND	ug/kg	122	1		04/22/24 20:45	107-02-8	
Acrylonitrile	ND	ug/kg	122	1		04/22/24 20:45	107-13-1	
Benzene	ND	ug/kg	6.1	1		04/22/24 20:45	71-43-2	
Bromobenzene	ND	ug/kg	6.1	1		04/22/24 20:45	108-86-1	
Bromochloromethane	ND	ug/kg	6.1	1		04/22/24 20:45	74-97-5	
Bromodichloromethane	ND	ug/kg	6.1	1		04/22/24 20:45	75-27-4	
Bromoform	ND	ug/kg	6.1	1		04/22/24 20:45	75-25-2	
Bromomethane	ND	ug/kg	6.1	1		04/22/24 20:45	74-83-9	
2-Butanone (MEK)	ND	ug/kg	30.4	1		04/22/24 20:45	78-93-3	
n-Butylbenzene	ND	ug/kg	6.1	1		04/22/24 20:45	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.1	1		04/22/24 20:45	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.1	1		04/22/24 20:45	98-06-6	
Carbon disulfide	ND	ug/kg	12.2	1		04/22/24 20:45	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.1	1		04/22/24 20:45	56-23-5	
Chlorobenzene	ND	ug/kg	6.1	1		04/22/24 20:45	108-90-7	
Chloroethane	ND	ug/kg	6.1	1		04/22/24 20:45	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: E-SW-02 (7') Lab ID: 50370968003 Collected: 04/18/24 08:05 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	6.1	1		04/22/24 20:45	67-66-3	
Chloromethane	ND	ug/kg	6.1	1		04/22/24 20:45	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.1	1		04/22/24 20:45	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.1	1		04/22/24 20:45	106-43-4	
Dibromochloromethane	ND	ug/kg	6.1	1		04/22/24 20:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.1	1		04/22/24 20:45	106-93-4	
Dibromomethane	ND	ug/kg	6.1	1		04/22/24 20:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.1	1		04/22/24 20:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.1	1		04/22/24 20:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.1	1		04/22/24 20:45	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	122	1		04/22/24 20:45	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	6.1	1		04/22/24 20:45	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.1	1		04/22/24 20:45	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.1	1		04/22/24 20:45	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.1	1		04/22/24 20:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.1	1		04/22/24 20:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.1	1		04/22/24 20:45	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.1	1		04/22/24 20:45	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.1	1		04/22/24 20:45	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.1	1		04/22/24 20:45	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.1	1		04/22/24 20:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.1	1		04/22/24 20:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.1	1		04/22/24 20:45	10061-02-6	
Ethylbenzene	ND	ug/kg	6.1	1		04/22/24 20:45	100-41-4	
Ethyl methacrylate	ND	ug/kg	122	1		04/22/24 20:45	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	6.1	1		04/22/24 20:45	87-68-3	
n-Hexane	ND	ug/kg	6.1	1		04/22/24 20:45	110-54-3	
2-Hexanone	ND	ug/kg	122	1		04/22/24 20:45	591-78-6	
Iodomethane	ND	ug/kg	122	1		04/22/24 20:45	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	6.1	1		04/22/24 20:45	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.1	1		04/22/24 20:45	99-87-6	
Methylene Chloride	ND	ug/kg	24.3	1		04/22/24 20:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	30.4	1		04/22/24 20:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.1	1		04/22/24 20:45	1634-04-4	
n-Propylbenzene	ND	ug/kg	6.1	1		04/22/24 20:45	103-65-1	
Styrene	ND	ug/kg	6.1	1		04/22/24 20:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.1	1		04/22/24 20:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.1	1		04/22/24 20:45	79-34-5	
Tetrachloroethene	ND	ug/kg	6.1	1		04/22/24 20:45	127-18-4	
Toluene	ND	ug/kg	6.1	1		04/22/24 20:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.1	1		04/22/24 20:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.1	1		04/22/24 20:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.1	1		04/22/24 20:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.1	1		04/22/24 20:45	79-00-5	
Trichloroethene	ND	ug/kg	6.1	1		04/22/24 20:45	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: E-SW-02 (7') Lab ID: 50370968003 Collected: 04/18/24 08:05 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	6.1	1		04/22/24 20:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.1	1		04/22/24 20:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.1	1		04/22/24 20:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.1	1		04/22/24 20:45	108-67-8	
Vinyl acetate	ND	ug/kg	122	1		04/22/24 20:45	108-05-4	
Vinyl chloride	ND	ug/kg	6.1	1		04/22/24 20:45	75-01-4	
Xylene (Total)	ND	ug/kg	12.2	1		04/22/24 20:45	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%	75-135	1		04/22/24 20:45	1868-53-7	
Toluene-d8 (S)	96	%	65-148	1		04/22/24 20:45	2037-26-5	
4-Bromofluorobenzene (S)	101	%	63-132	1		04/22/24 20:45	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	19.4	%	0.10	1		04/22/24 13:25		N2

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: E-SW-03 (7') Lab ID: 50370968004 Collected: 04/18/24 08:15 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Pace Analytical Services - Indianapolis								
Lead	11.3	mg/kg	1.1	1	04/21/24 17:48	04/23/24 00:03	7439-92-1	
8270 PAH Soil by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Indianapolis								
Acenaphthene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:14	83-32-9	
Acenaphthylene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:14	208-96-8	
Anthracene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:14	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:14	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:14	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:14	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:14	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:14	207-08-9	
Chrysene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:14	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:14	53-70-3	
Fluoranthene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:14	206-44-0	
Fluorene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:14	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:14	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:14	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:14	91-57-6	
Naphthalene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:14	91-20-3	
Phenanthrene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:14	85-01-8	
Pyrene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:14	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	65	%.	23-115	1	04/19/24 09:45	04/19/24 19:14	321-60-8	
p-Terphenyl-d14 (S)	48	%.	19-136	1	04/19/24 09:45	04/19/24 19:14	1718-51-0	
8260 MSV 5035A VOA								
Analytical Method: EPA 8260								
Pace Analytical Services - Indianapolis								
Acetone	ND	ug/kg	105	1		04/22/24 21:31	67-64-1	
Acrolein	ND	ug/kg	105	1		04/22/24 21:31	107-02-8	
Acrylonitrile	ND	ug/kg	105	1		04/22/24 21:31	107-13-1	
Benzene	ND	ug/kg	5.3	1		04/22/24 21:31	71-43-2	
Bromobenzene	ND	ug/kg	5.3	1		04/22/24 21:31	108-86-1	
Bromochloromethane	ND	ug/kg	5.3	1		04/22/24 21:31	74-97-5	
Bromodichloromethane	ND	ug/kg	5.3	1		04/22/24 21:31	75-27-4	
Bromoform	ND	ug/kg	5.3	1		04/22/24 21:31	75-25-2	
Bromomethane	ND	ug/kg	5.3	1		04/22/24 21:31	74-83-9	
2-Butanone (MEK)	ND	ug/kg	26.3	1		04/22/24 21:31	78-93-3	
n-Butylbenzene	ND	ug/kg	5.3	1		04/22/24 21:31	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.3	1		04/22/24 21:31	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.3	1		04/22/24 21:31	98-06-6	
Carbon disulfide	ND	ug/kg	10.5	1		04/22/24 21:31	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.3	1		04/22/24 21:31	56-23-5	
Chlorobenzene	ND	ug/kg	5.3	1		04/22/24 21:31	108-90-7	
Chloroethane	ND	ug/kg	5.3	1		04/22/24 21:31	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: E-SW-03 (7') Lab ID: 50370968004 Collected: 04/18/24 08:15 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	5.3	1		04/22/24 21:31	67-66-3	
Chloromethane	ND	ug/kg	5.3	1		04/22/24 21:31	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.3	1		04/22/24 21:31	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.3	1		04/22/24 21:31	106-43-4	
Dibromochloromethane	ND	ug/kg	5.3	1		04/22/24 21:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.3	1		04/22/24 21:31	106-93-4	
Dibromomethane	ND	ug/kg	5.3	1		04/22/24 21:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.3	1		04/22/24 21:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.3	1		04/22/24 21:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.3	1		04/22/24 21:31	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	105	1		04/22/24 21:31	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.3	1		04/22/24 21:31	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.3	1		04/22/24 21:31	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.3	1		04/22/24 21:31	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.3	1		04/22/24 21:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.3	1		04/22/24 21:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.3	1		04/22/24 21:31	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.3	1		04/22/24 21:31	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.3	1		04/22/24 21:31	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.3	1		04/22/24 21:31	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.3	1		04/22/24 21:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.3	1		04/22/24 21:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.3	1		04/22/24 21:31	10061-02-6	
Ethylbenzene	ND	ug/kg	5.3	1		04/22/24 21:31	100-41-4	
Ethyl methacrylate	ND	ug/kg	105	1		04/22/24 21:31	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.3	1		04/22/24 21:31	87-68-3	
n-Hexane	ND	ug/kg	5.3	1		04/22/24 21:31	110-54-3	
2-Hexanone	ND	ug/kg	105	1		04/22/24 21:31	591-78-6	
Iodomethane	ND	ug/kg	105	1		04/22/24 21:31	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	1		04/22/24 21:31	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.3	1		04/22/24 21:31	99-87-6	
Methylene Chloride	ND	ug/kg	21.0	1		04/22/24 21:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	26.3	1		04/22/24 21:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.3	1		04/22/24 21:31	1634-04-4	
n-Propylbenzene	ND	ug/kg	5.3	1		04/22/24 21:31	103-65-1	
Styrene	ND	ug/kg	5.3	1		04/22/24 21:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.3	1		04/22/24 21:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3	1		04/22/24 21:31	79-34-5	
Tetrachloroethene	ND	ug/kg	5.3	1		04/22/24 21:31	127-18-4	
Toluene	ND	ug/kg	5.3	1		04/22/24 21:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.3	1		04/22/24 21:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.3	1		04/22/24 21:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.3	1		04/22/24 21:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.3	1		04/22/24 21:31	79-00-5	
Trichloroethene	ND	ug/kg	5.3	1		04/22/24 21:31	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: E-SW-03 (7') Lab ID: 50370968004 Collected: 04/18/24 08:15 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	5.3	1		04/22/24 21:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.3	1		04/22/24 21:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.3	1		04/22/24 21:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.3	1		04/22/24 21:31	108-67-8	
Vinyl acetate	ND	ug/kg	105	1		04/22/24 21:31	108-05-4	
Vinyl chloride	ND	ug/kg	5.3	1		04/22/24 21:31	75-01-4	
Xylene (Total)	ND	ug/kg	10.5	1		04/22/24 21:31	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	75-135	1		04/22/24 21:31	1868-53-7	
Toluene-d8 (S)	98	%	65-148	1		04/22/24 21:31	2037-26-5	
4-Bromofluorobenzene (S)	102	%	63-132	1		04/22/24 21:31	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	20.6	%	0.10	1		04/22/24 13:25		N2

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**ANALYTICAL RESULTS**

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: E-SW-04 (7') Lab ID: **50370968005** Collected: 04/18/24 09:20 Received: 04/18/24 14:27 Matrix: Solid**Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.**

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis						
Lead	8.6	mg/kg	1.2	1	04/21/24 17:48	04/23/24 00:05	7439-92-1	
8270 PAH Soil by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - Indianapolis						
Acenaphthene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:28	83-32-9	
Acenaphthylene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:28	208-96-8	
Anthracene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:28	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:28	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:28	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:28	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:28	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:28	207-08-9	
Chrysene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:28	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:28	53-70-3	
Fluoranthene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:28	206-44-0	
Fluorene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:28	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:28	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:28	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:28	91-57-6	
Naphthalene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:28	91-20-3	
Phenanthrene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:28	85-01-8	
Pyrene	ND	mg/kg	0.0061	1	04/19/24 09:45	04/19/24 19:28	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	62	%.	23-115	1	04/19/24 09:45	04/19/24 19:28	321-60-8	
p-Terphenyl-d14 (S)	49	%.	19-136	1	04/19/24 09:45	04/19/24 19:28	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/kg	115	1		04/22/24 22:01	67-64-1	
Acrolein	ND	ug/kg	115	1		04/22/24 22:01	107-02-8	
Acrylonitrile	ND	ug/kg	115	1		04/22/24 22:01	107-13-1	
Benzene	ND	ug/kg	5.7	1		04/22/24 22:01	71-43-2	
Bromobenzene	ND	ug/kg	5.7	1		04/22/24 22:01	108-86-1	
Bromochloromethane	ND	ug/kg	5.7	1		04/22/24 22:01	74-97-5	
Bromodichloromethane	ND	ug/kg	5.7	1		04/22/24 22:01	75-27-4	
Bromoform	ND	ug/kg	5.7	1		04/22/24 22:01	75-25-2	
Bromomethane	ND	ug/kg	5.7	1		04/22/24 22:01	74-83-9	
2-Butanone (MEK)	ND	ug/kg	28.7	1		04/22/24 22:01	78-93-3	
n-Butylbenzene	ND	ug/kg	5.7	1		04/22/24 22:01	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.7	1		04/22/24 22:01	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.7	1		04/22/24 22:01	98-06-6	
Carbon disulfide	ND	ug/kg	11.5	1		04/22/24 22:01	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.7	1		04/22/24 22:01	56-23-5	
Chlorobenzene	ND	ug/kg	5.7	1		04/22/24 22:01	108-90-7	
Chloroethane	ND	ug/kg	5.7	1		04/22/24 22:01	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: E-SW-04 (7') Lab ID: 50370968005 Collected: 04/18/24 09:20 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	5.7	1		04/22/24 22:01	67-66-3	
Chloromethane	ND	ug/kg	5.7	1		04/22/24 22:01	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.7	1		04/22/24 22:01	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.7	1		04/22/24 22:01	106-43-4	
Dibromochloromethane	ND	ug/kg	5.7	1		04/22/24 22:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.7	1		04/22/24 22:01	106-93-4	
Dibromomethane	ND	ug/kg	5.7	1		04/22/24 22:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.7	1		04/22/24 22:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.7	1		04/22/24 22:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.7	1		04/22/24 22:01	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	115	1		04/22/24 22:01	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.7	1		04/22/24 22:01	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.7	1		04/22/24 22:01	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.7	1		04/22/24 22:01	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.7	1		04/22/24 22:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.7	1		04/22/24 22:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.7	1		04/22/24 22:01	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.7	1		04/22/24 22:01	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.7	1		04/22/24 22:01	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.7	1		04/22/24 22:01	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.7	1		04/22/24 22:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.7	1		04/22/24 22:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.7	1		04/22/24 22:01	10061-02-6	
Ethylbenzene	ND	ug/kg	5.7	1		04/22/24 22:01	100-41-4	
Ethyl methacrylate	ND	ug/kg	115	1		04/22/24 22:01	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.7	1		04/22/24 22:01	87-68-3	
n-Hexane	ND	ug/kg	5.7	1		04/22/24 22:01	110-54-3	
2-Hexanone	ND	ug/kg	115	1		04/22/24 22:01	591-78-6	
Iodomethane	ND	ug/kg	115	1		04/22/24 22:01	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	1		04/22/24 22:01	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.7	1		04/22/24 22:01	99-87-6	
Methylene Chloride	ND	ug/kg	23.0	1		04/22/24 22:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	28.7	1		04/22/24 22:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.7	1		04/22/24 22:01	1634-04-4	
n-Propylbenzene	ND	ug/kg	5.7	1		04/22/24 22:01	103-65-1	
Styrene	ND	ug/kg	5.7	1		04/22/24 22:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.7	1		04/22/24 22:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.7	1		04/22/24 22:01	79-34-5	
Tetrachloroethene	ND	ug/kg	5.7	1		04/22/24 22:01	127-18-4	
Toluene	ND	ug/kg	5.7	1		04/22/24 22:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.7	1		04/22/24 22:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.7	1		04/22/24 22:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.7	1		04/22/24 22:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.7	1		04/22/24 22:01	79-00-5	
Trichloroethene	ND	ug/kg	5.7	1		04/22/24 22:01	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: E-SW-04 (7') Lab ID: 50370968005 Collected: 04/18/24 09:20 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	5.7	1		04/22/24 22:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.7	1		04/22/24 22:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.7	1		04/22/24 22:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.7	1		04/22/24 22:01	108-67-8	
Vinyl acetate	ND	ug/kg	115	1		04/22/24 22:01	108-05-4	
Vinyl chloride	ND	ug/kg	5.7	1		04/22/24 22:01	75-01-4	
Xylene (Total)	ND	ug/kg	11.5	1		04/22/24 22:01	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	75-135	1		04/22/24 22:01	1868-53-7	
Toluene-d8 (S)	98	%	65-148	1		04/22/24 22:01	2037-26-5	
4-Bromofluorobenzene (S)	102	%	63-132	1		04/22/24 22:01	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	22.2	%	0.10	1		04/22/24 13:00		N2

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: E-SW-05 (7') Lab ID: 50370968006 Collected: 04/18/24 09:35 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Pace Analytical Services - Indianapolis								
Lead	9.3	mg/kg	1.1	1	04/21/24 17:48	04/23/24 00:08	7439-92-1	
8270 PAH Soil by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Indianapolis								
Acenaphthene	ND	mg/kg	0.0063	1	04/19/24 09:45	04/19/24 19:41	83-32-9	
Acenaphthylene	ND	mg/kg	0.0063	1	04/19/24 09:45	04/19/24 19:41	208-96-8	
Anthracene	ND	mg/kg	0.0063	1	04/19/24 09:45	04/19/24 19:41	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0063	1	04/19/24 09:45	04/19/24 19:41	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0063	1	04/19/24 09:45	04/19/24 19:41	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0063	1	04/19/24 09:45	04/19/24 19:41	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0063	1	04/19/24 09:45	04/19/24 19:41	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0063	1	04/19/24 09:45	04/19/24 19:41	207-08-9	
Chrysene	ND	mg/kg	0.0063	1	04/19/24 09:45	04/19/24 19:41	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0063	1	04/19/24 09:45	04/19/24 19:41	53-70-3	
Fluoranthene	ND	mg/kg	0.0063	1	04/19/24 09:45	04/19/24 19:41	206-44-0	
Fluorene	ND	mg/kg	0.0063	1	04/19/24 09:45	04/19/24 19:41	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0063	1	04/19/24 09:45	04/19/24 19:41	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0063	1	04/19/24 09:45	04/19/24 19:41	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0063	1	04/19/24 09:45	04/19/24 19:41	91-57-6	
Naphthalene	ND	mg/kg	0.0063	1	04/19/24 09:45	04/19/24 19:41	91-20-3	
Phenanthrene	ND	mg/kg	0.0063	1	04/19/24 09:45	04/19/24 19:41	85-01-8	
Pyrene	ND	mg/kg	0.0063	1	04/19/24 09:45	04/19/24 19:41	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	63	%	23-115	1	04/19/24 09:45	04/19/24 19:41	321-60-8	
p-Terphenyl-d14 (S)	49	%	19-136	1	04/19/24 09:45	04/19/24 19:41	1718-51-0	
8260 MSV 5035A VOA								
Analytical Method: EPA 8260								
Pace Analytical Services - Indianapolis								
Acetone	ND	ug/kg	117	1		04/22/24 21:16	67-64-1	
Acrolein	ND	ug/kg	117	1		04/22/24 21:16	107-02-8	
Acrylonitrile	ND	ug/kg	117	1		04/22/24 21:16	107-13-1	
Benzene	ND	ug/kg	5.8	1		04/22/24 21:16	71-43-2	
Bromobenzene	ND	ug/kg	5.8	1		04/22/24 21:16	108-86-1	
Bromochloromethane	ND	ug/kg	5.8	1		04/22/24 21:16	74-97-5	
Bromodichloromethane	ND	ug/kg	5.8	1		04/22/24 21:16	75-27-4	
Bromoform	ND	ug/kg	5.8	1		04/22/24 21:16	75-25-2	
Bromomethane	ND	ug/kg	5.8	1		04/22/24 21:16	74-83-9	
2-Butanone (MEK)	ND	ug/kg	29.2	1		04/22/24 21:16	78-93-3	
n-Butylbenzene	ND	ug/kg	5.8	1		04/22/24 21:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.8	1		04/22/24 21:16	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.8	1		04/22/24 21:16	98-06-6	
Carbon disulfide	ND	ug/kg	11.7	1		04/22/24 21:16	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.8	1		04/22/24 21:16	56-23-5	
Chlorobenzene	ND	ug/kg	5.8	1		04/22/24 21:16	108-90-7	
Chloroethane	ND	ug/kg	5.8	1		04/22/24 21:16	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: E-SW-05 (7') Lab ID: 50370968006 Collected: 04/18/24 09:35 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	5.8	1		04/22/24 21:16	67-66-3	
Chloromethane	ND	ug/kg	5.8	1		04/22/24 21:16	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.8	1		04/22/24 21:16	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.8	1		04/22/24 21:16	106-43-4	
Dibromochloromethane	ND	ug/kg	5.8	1		04/22/24 21:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.8	1		04/22/24 21:16	106-93-4	
Dibromomethane	ND	ug/kg	5.8	1		04/22/24 21:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.8	1		04/22/24 21:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.8	1		04/22/24 21:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.8	1		04/22/24 21:16	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	117	1		04/22/24 21:16	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.8	1		04/22/24 21:16	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.8	1		04/22/24 21:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.8	1		04/22/24 21:16	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.8	1		04/22/24 21:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.8	1		04/22/24 21:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.8	1		04/22/24 21:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.8	1		04/22/24 21:16	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.8	1		04/22/24 21:16	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.8	1		04/22/24 21:16	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.8	1		04/22/24 21:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.8	1		04/22/24 21:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.8	1		04/22/24 21:16	10061-02-6	
Ethylbenzene	ND	ug/kg	5.8	1		04/22/24 21:16	100-41-4	
Ethyl methacrylate	ND	ug/kg	117	1		04/22/24 21:16	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.8	1		04/22/24 21:16	87-68-3	
n-Hexane	ND	ug/kg	5.8	1		04/22/24 21:16	110-54-3	
2-Hexanone	ND	ug/kg	117	1		04/22/24 21:16	591-78-6	
Iodomethane	ND	ug/kg	117	1		04/22/24 21:16	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.8	1		04/22/24 21:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.8	1		04/22/24 21:16	99-87-6	
Methylene Chloride	ND	ug/kg	23.4	1		04/22/24 21:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	29.2	1		04/22/24 21:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.8	1		04/22/24 21:16	1634-04-4	
n-Propylbenzene	ND	ug/kg	5.8	1		04/22/24 21:16	103-65-1	
Styrene	ND	ug/kg	5.8	1		04/22/24 21:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.8	1		04/22/24 21:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.8	1		04/22/24 21:16	79-34-5	
Tetrachloroethene	ND	ug/kg	5.8	1		04/22/24 21:16	127-18-4	
Toluene	ND	ug/kg	5.8	1		04/22/24 21:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.8	1		04/22/24 21:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.8	1		04/22/24 21:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.8	1		04/22/24 21:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.8	1		04/22/24 21:16	79-00-5	
Trichloroethene	ND	ug/kg	5.8	1		04/22/24 21:16	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: E-SW-05 (7') Lab ID: 50370968006 Collected: 04/18/24 09:35 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	5.8	1		04/22/24 21:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.8	1		04/22/24 21:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.8	1		04/22/24 21:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.8	1		04/22/24 21:16	108-67-8	
Vinyl acetate	ND	ug/kg	117	1		04/22/24 21:16	108-05-4	
Vinyl chloride	ND	ug/kg	5.8	1		04/22/24 21:16	75-01-4	
Xylene (Total)	ND	ug/kg	11.7	1		04/22/24 21:16	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%	75-135	1		04/22/24 21:16	1868-53-7	
Toluene-d8 (S)	96	%	65-148	1		04/22/24 21:16	2037-26-5	
4-Bromofluorobenzene (S)	102	%	63-132	1		04/22/24 21:16	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	22.5	%	0.10	1		04/22/24 13:01		N2

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: UNL-DSP-E (4*) Lab ID: 50370968007 Collected: 04/18/24 10:10 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Pace Analytical Services - Indianapolis								
Lead	9.3	mg/kg	1.1	1	04/21/24 17:48	04/23/24 00:10	7439-92-1	
8270 PAH Soil by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Indianapolis								
Acenaphthene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 19:54	83-32-9	
Acenaphthylene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 19:54	208-96-8	
Anthracene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 19:54	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 19:54	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 19:54	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 19:54	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 19:54	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 19:54	207-08-9	
Chrysene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 19:54	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 19:54	53-70-3	
Fluoranthene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 19:54	206-44-0	
Fluorene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 19:54	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 19:54	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 19:54	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 19:54	91-57-6	
Naphthalene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 19:54	91-20-3	
Phenanthrene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 19:54	85-01-8	
Pyrene	0.0077	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 19:54	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	62	%.	23-115	1	04/19/24 09:45	04/19/24 19:54	321-60-8	
p-Terphenyl-d14 (S)	70	%.	19-136	1	04/19/24 09:45	04/19/24 19:54	1718-51-0	
8260 MSV 5035A VOA								
Analytical Method: EPA 8260								
Pace Analytical Services - Indianapolis								
Acetone	ND	ug/kg	114	1		04/22/24 21:46	67-64-1	
Acrolein	ND	ug/kg	114	1		04/22/24 21:46	107-02-8	
Acrylonitrile	ND	ug/kg	114	1		04/22/24 21:46	107-13-1	
Benzene	ND	ug/kg	5.7	1		04/22/24 21:46	71-43-2	
Bromobenzene	ND	ug/kg	5.7	1		04/22/24 21:46	108-86-1	
Bromochloromethane	ND	ug/kg	5.7	1		04/22/24 21:46	74-97-5	
Bromodichloromethane	ND	ug/kg	5.7	1		04/22/24 21:46	75-27-4	
Bromoform	ND	ug/kg	5.7	1		04/22/24 21:46	75-25-2	
Bromomethane	ND	ug/kg	5.7	1		04/22/24 21:46	74-83-9	
2-Butanone (MEK)	ND	ug/kg	28.5	1		04/22/24 21:46	78-93-3	
n-Butylbenzene	ND	ug/kg	5.7	1		04/22/24 21:46	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.7	1		04/22/24 21:46	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.7	1		04/22/24 21:46	98-06-6	
Carbon disulfide	ND	ug/kg	11.4	1		04/22/24 21:46	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.7	1		04/22/24 21:46	56-23-5	
Chlorobenzene	ND	ug/kg	5.7	1		04/22/24 21:46	108-90-7	
Chloroethane	ND	ug/kg	5.7	1		04/22/24 21:46	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: UNL-DSP-E (4*) Lab ID: 50370968007 Collected: 04/18/24 10:10 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	5.7	1		04/22/24 21:46	67-66-3	
Chloromethane	ND	ug/kg	5.7	1		04/22/24 21:46	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.7	1		04/22/24 21:46	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.7	1		04/22/24 21:46	106-43-4	
Dibromochloromethane	ND	ug/kg	5.7	1		04/22/24 21:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.7	1		04/22/24 21:46	106-93-4	
Dibromomethane	ND	ug/kg	5.7	1		04/22/24 21:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.7	1		04/22/24 21:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.7	1		04/22/24 21:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.7	1		04/22/24 21:46	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	114	1		04/22/24 21:46	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.7	1		04/22/24 21:46	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.7	1		04/22/24 21:46	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.7	1		04/22/24 21:46	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.7	1		04/22/24 21:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.7	1		04/22/24 21:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.7	1		04/22/24 21:46	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.7	1		04/22/24 21:46	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.7	1		04/22/24 21:46	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.7	1		04/22/24 21:46	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.7	1		04/22/24 21:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.7	1		04/22/24 21:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.7	1		04/22/24 21:46	10061-02-6	
Ethylbenzene	ND	ug/kg	5.7	1		04/22/24 21:46	100-41-4	
Ethyl methacrylate	ND	ug/kg	114	1		04/22/24 21:46	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.7	1		04/22/24 21:46	87-68-3	
n-Hexane	ND	ug/kg	5.7	1		04/22/24 21:46	110-54-3	
2-Hexanone	ND	ug/kg	114	1		04/22/24 21:46	591-78-6	
Iodomethane	ND	ug/kg	114	1		04/22/24 21:46	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	1		04/22/24 21:46	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.7	1		04/22/24 21:46	99-87-6	
Methylene Chloride	ND	ug/kg	22.8	1		04/22/24 21:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	28.5	1		04/22/24 21:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.7	1		04/22/24 21:46	1634-04-4	
n-Propylbenzene	ND	ug/kg	5.7	1		04/22/24 21:46	103-65-1	
Styrene	ND	ug/kg	5.7	1		04/22/24 21:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.7	1		04/22/24 21:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.7	1		04/22/24 21:46	79-34-5	
Tetrachloroethene	ND	ug/kg	5.7	1		04/22/24 21:46	127-18-4	
Toluene	ND	ug/kg	5.7	1		04/22/24 21:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.7	1		04/22/24 21:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.7	1		04/22/24 21:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.7	1		04/22/24 21:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.7	1		04/22/24 21:46	79-00-5	
Trichloroethene	ND	ug/kg	5.7	1		04/22/24 21:46	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: UNL-DSP-E (4*) Lab ID: 50370968007 Collected: 04/18/24 10:10 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	5.7	1		04/22/24 21:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.7	1		04/22/24 21:46	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.7	1		04/22/24 21:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.7	1		04/22/24 21:46	108-67-8	
Vinyl acetate	ND	ug/kg	114	1		04/22/24 21:46	108-05-4	
Vinyl chloride	ND	ug/kg	5.7	1		04/22/24 21:46	75-01-4	
Xylene (Total)	ND	ug/kg	11.4	1		04/22/24 21:46	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	75-135	1		04/22/24 21:46	1868-53-7	
Toluene-d8 (S)	97	%	65-148	1		04/22/24 21:46	2037-26-5	
4-Bromofluorobenzene (S)	100	%	63-132	1		04/22/24 21:46	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	21.3	%	0.10	1		04/22/24 13:01		N2

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: UNL-DSP/PL (3') Lab ID: 50370968008 Collected: 04/18/24 10:25 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Pace Analytical Services - Indianapolis								
Lead	10.6	mg/kg	1.2	1	04/21/24 17:48	04/23/24 00:11	7439-92-1	
8270 PAH Soil by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Indianapolis								
Acenaphthene	ND	mg/kg	0.0059	1	04/19/24 09:45	04/19/24 20:08	83-32-9	
Acenaphthylene	ND	mg/kg	0.0059	1	04/19/24 09:45	04/19/24 20:08	208-96-8	
Anthracene	ND	mg/kg	0.0059	1	04/19/24 09:45	04/19/24 20:08	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0059	1	04/19/24 09:45	04/19/24 20:08	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0059	1	04/19/24 09:45	04/19/24 20:08	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0059	1	04/19/24 09:45	04/19/24 20:08	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0059	1	04/19/24 09:45	04/19/24 20:08	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0059	1	04/19/24 09:45	04/19/24 20:08	207-08-9	
Chrysene	ND	mg/kg	0.0059	1	04/19/24 09:45	04/19/24 20:08	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0059	1	04/19/24 09:45	04/19/24 20:08	53-70-3	
Fluoranthene	ND	mg/kg	0.0059	1	04/19/24 09:45	04/19/24 20:08	206-44-0	
Fluorene	ND	mg/kg	0.0059	1	04/19/24 09:45	04/19/24 20:08	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0059	1	04/19/24 09:45	04/19/24 20:08	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0059	1	04/19/24 09:45	04/19/24 20:08	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0059	1	04/19/24 09:45	04/19/24 20:08	91-57-6	
Naphthalene	ND	mg/kg	0.0059	1	04/19/24 09:45	04/19/24 20:08	91-20-3	
Phenanthrene	ND	mg/kg	0.0059	1	04/19/24 09:45	04/19/24 20:08	85-01-8	
Pyrene	ND	mg/kg	0.0059	1	04/19/24 09:45	04/19/24 20:08	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	72	%	23-115	1	04/19/24 09:45	04/19/24 20:08	321-60-8	
p-Terphenyl-d14 (S)	77	%	19-136	1	04/19/24 09:45	04/19/24 20:08	1718-51-0	
8260 MSV 5035A VOA								
Analytical Method: EPA 8260								
Pace Analytical Services - Indianapolis								
Acetone	ND	ug/kg	102	1		04/22/24 22:16	67-64-1	
Acrolein	ND	ug/kg	102	1		04/22/24 22:16	107-02-8	
Acrylonitrile	ND	ug/kg	102	1		04/22/24 22:16	107-13-1	
Benzene	ND	ug/kg	5.1	1		04/22/24 22:16	71-43-2	
Bromobenzene	ND	ug/kg	5.1	1		04/22/24 22:16	108-86-1	
Bromochloromethane	ND	ug/kg	5.1	1		04/22/24 22:16	74-97-5	
Bromodichloromethane	ND	ug/kg	5.1	1		04/22/24 22:16	75-27-4	
Bromoform	ND	ug/kg	5.1	1		04/22/24 22:16	75-25-2	
Bromomethane	ND	ug/kg	5.1	1		04/22/24 22:16	74-83-9	
2-Butanone (MEK)	ND	ug/kg	25.6	1		04/22/24 22:16	78-93-3	
n-Butylbenzene	ND	ug/kg	5.1	1		04/22/24 22:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.1	1		04/22/24 22:16	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.1	1		04/22/24 22:16	98-06-6	
Carbon disulfide	ND	ug/kg	10.2	1		04/22/24 22:16	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.1	1		04/22/24 22:16	56-23-5	
Chlorobenzene	ND	ug/kg	5.1	1		04/22/24 22:16	108-90-7	
Chloroethane	ND	ug/kg	5.1	1		04/22/24 22:16	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: UNL-DSP/PL (3') Lab ID: 50370968008 Collected: 04/18/24 10:25 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	5.1	1		04/22/24 22:16	67-66-3	
Chloromethane	ND	ug/kg	5.1	1		04/22/24 22:16	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.1	1		04/22/24 22:16	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.1	1		04/22/24 22:16	106-43-4	
Dibromochloromethane	ND	ug/kg	5.1	1		04/22/24 22:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	1		04/22/24 22:16	106-93-4	
Dibromomethane	ND	ug/kg	5.1	1		04/22/24 22:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.1	1		04/22/24 22:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.1	1		04/22/24 22:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.1	1		04/22/24 22:16	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	102	1		04/22/24 22:16	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.1	1		04/22/24 22:16	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.1	1		04/22/24 22:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.1	1		04/22/24 22:16	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.1	1		04/22/24 22:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.1	1		04/22/24 22:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.1	1		04/22/24 22:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.1	1		04/22/24 22:16	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.1	1		04/22/24 22:16	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.1	1		04/22/24 22:16	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.1	1		04/22/24 22:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.1	1		04/22/24 22:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.1	1		04/22/24 22:16	10061-02-6	
Ethylbenzene	ND	ug/kg	5.1	1		04/22/24 22:16	100-41-4	
Ethyl methacrylate	ND	ug/kg	102	1		04/22/24 22:16	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.1	1		04/22/24 22:16	87-68-3	
n-Hexane	ND	ug/kg	5.1	1		04/22/24 22:16	110-54-3	
2-Hexanone	ND	ug/kg	102	1		04/22/24 22:16	591-78-6	
Iodomethane	ND	ug/kg	102	1		04/22/24 22:16	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	1		04/22/24 22:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.1	1		04/22/24 22:16	99-87-6	
Methylene Chloride	ND	ug/kg	20.5	1		04/22/24 22:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	25.6	1		04/22/24 22:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.1	1		04/22/24 22:16	1634-04-4	
n-Propylbenzene	ND	ug/kg	5.1	1		04/22/24 22:16	103-65-1	
Styrene	ND	ug/kg	5.1	1		04/22/24 22:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.1	1		04/22/24 22:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	1		04/22/24 22:16	79-34-5	
Tetrachloroethene	ND	ug/kg	5.1	1		04/22/24 22:16	127-18-4	
Toluene	ND	ug/kg	5.1	1		04/22/24 22:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.1	1		04/22/24 22:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	1		04/22/24 22:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.1	1		04/22/24 22:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.1	1		04/22/24 22:16	79-00-5	
Trichloroethene	ND	ug/kg	5.1	1		04/22/24 22:16	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: UNL-DSP/PL (3') Lab ID: 50370968008 Collected: 04/18/24 10:25 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	5.1	1		04/22/24 22:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.1	1		04/22/24 22:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	1		04/22/24 22:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	1		04/22/24 22:16	108-67-8	
Vinyl acetate	ND	ug/kg	102	1		04/22/24 22:16	108-05-4	
Vinyl chloride	ND	ug/kg	5.1	1		04/22/24 22:16	75-01-4	
Xylene (Total)	ND	ug/kg	10.2	1		04/22/24 22:16	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%	75-135	1		04/22/24 22:16	1868-53-7	
Toluene-d8 (S)	96	%	65-148	1		04/22/24 22:16	2037-26-5	
4-Bromofluorobenzene (S)	103	%	63-132	1		04/22/24 22:16	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	17.8	%	0.10	1		04/22/24 13:01		N2

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: DSL-DSP-E (3.5') Lab ID: 50370968009 Collected: 04/18/24 10:45 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Pace Analytical Services - Indianapolis								
Lead	12.7	mg/kg	1.1	1	04/21/24 17:48	04/23/24 00:13	7439-92-1	
8270 PAH Soil by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Indianapolis								
Acenaphthene	0.016	mg/kg	0.0064	1	04/19/24 09:45	04/19/24 20:21	83-32-9	
Acenaphthylene	ND	mg/kg	0.0064	1	04/19/24 09:45	04/19/24 20:21	208-96-8	
Anthracene	ND	mg/kg	0.0064	1	04/19/24 09:45	04/19/24 20:21	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0064	1	04/19/24 09:45	04/19/24 20:21	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0064	1	04/19/24 09:45	04/19/24 20:21	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0064	1	04/19/24 09:45	04/19/24 20:21	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0064	1	04/19/24 09:45	04/19/24 20:21	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0064	1	04/19/24 09:45	04/19/24 20:21	207-08-9	
Chrysene	ND	mg/kg	0.0064	1	04/19/24 09:45	04/19/24 20:21	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0064	1	04/19/24 09:45	04/19/24 20:21	53-70-3	
Fluoranthene	ND	mg/kg	0.0064	1	04/19/24 09:45	04/19/24 20:21	206-44-0	
Fluorene	0.077	mg/kg	0.0064	1	04/19/24 09:45	04/19/24 20:21	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0064	1	04/19/24 09:45	04/19/24 20:21	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0064	1	04/19/24 09:45	04/19/24 20:21	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0064	1	04/19/24 09:45	04/19/24 20:21	91-57-6	
Naphthalene	ND	mg/kg	0.0064	1	04/19/24 09:45	04/19/24 20:21	91-20-3	
Phenanthrene	ND	mg/kg	0.0064	1	04/19/24 09:45	04/19/24 20:21	85-01-8	
Pyrene	0.032	mg/kg	0.0064	1	04/19/24 09:45	04/19/24 20:21	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	55	%.	23-115	1	04/19/24 09:45	04/19/24 20:21	321-60-8	
p-Terphenyl-d14 (S)	54	%.	19-136	1	04/19/24 09:45	04/19/24 20:21	1718-51-0	
8260 MSV 5035A VOA								
Analytical Method: EPA 8260								
Pace Analytical Services - Indianapolis								
Acetone	ND	ug/kg	110	1		04/23/24 01:19	67-64-1	
Acrolein	ND	ug/kg	110	1		04/23/24 01:19	107-02-8	
Acrylonitrile	ND	ug/kg	110	1		04/23/24 01:19	107-13-1	
Benzene	ND	ug/kg	5.5	1		04/23/24 01:19	71-43-2	
Bromobenzene	ND	ug/kg	5.5	1		04/23/24 01:19	108-86-1	
Bromochloromethane	ND	ug/kg	5.5	1		04/23/24 01:19	74-97-5	
Bromodichloromethane	ND	ug/kg	5.5	1		04/23/24 01:19	75-27-4	
Bromoform	ND	ug/kg	5.5	1		04/23/24 01:19	75-25-2	
Bromomethane	ND	ug/kg	5.5	1		04/23/24 01:19	74-83-9	
2-Butanone (MEK)	ND	ug/kg	27.4	1		04/23/24 01:19	78-93-3	
n-Butylbenzene	ND	ug/kg	5.5	1		04/23/24 01:19	104-51-8	
sec-Butylbenzene	11.4	ug/kg	5.5	1		04/23/24 01:19	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.5	1		04/23/24 01:19	98-06-6	
Carbon disulfide	ND	ug/kg	11.0	1		04/23/24 01:19	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.5	1		04/23/24 01:19	56-23-5	
Chlorobenzene	ND	ug/kg	5.5	1		04/23/24 01:19	108-90-7	
Chloroethane	ND	ug/kg	5.5	1		04/23/24 01:19	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: DSL-DSP-E (3.5') Lab ID: 50370968009 Collected: 04/18/24 10:45 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	5.5	1		04/23/24 01:19	67-66-3	
Chloromethane	ND	ug/kg	5.5	1		04/23/24 01:19	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.5	1		04/23/24 01:19	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.5	1		04/23/24 01:19	106-43-4	
Dibromochloromethane	ND	ug/kg	5.5	1		04/23/24 01:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.5	1		04/23/24 01:19	106-93-4	
Dibromomethane	ND	ug/kg	5.5	1		04/23/24 01:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.5	1		04/23/24 01:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.5	1		04/23/24 01:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.5	1		04/23/24 01:19	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	110	1		04/23/24 01:19	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.5	1		04/23/24 01:19	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.5	1		04/23/24 01:19	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.5	1		04/23/24 01:19	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.5	1		04/23/24 01:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.5	1		04/23/24 01:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.5	1		04/23/24 01:19	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.5	1		04/23/24 01:19	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.5	1		04/23/24 01:19	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.5	1		04/23/24 01:19	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.5	1		04/23/24 01:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.5	1		04/23/24 01:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.5	1		04/23/24 01:19	10061-02-6	
Ethylbenzene	ND	ug/kg	5.5	1		04/23/24 01:19	100-41-4	
Ethyl methacrylate	ND	ug/kg	110	1		04/23/24 01:19	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.5	1		04/23/24 01:19	87-68-3	
n-Hexane	ND	ug/kg	5.5	1		04/23/24 01:19	110-54-3	
2-Hexanone	ND	ug/kg	110	1		04/23/24 01:19	591-78-6	
Iodomethane	ND	ug/kg	110	1		04/23/24 01:19	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	1		04/23/24 01:19	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.5	1		04/23/24 01:19	99-87-6	
Methylene Chloride	ND	ug/kg	22.0	1		04/23/24 01:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	27.4	1		04/23/24 01:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.5	1		04/23/24 01:19	1634-04-4	
n-Propylbenzene	ND	ug/kg	5.5	1		04/23/24 01:19	103-65-1	
Styrene	ND	ug/kg	5.5	1		04/23/24 01:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.5	1		04/23/24 01:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.5	1		04/23/24 01:19	79-34-5	
Tetrachloroethene	ND	ug/kg	5.5	1		04/23/24 01:19	127-18-4	
Toluene	ND	ug/kg	5.5	1		04/23/24 01:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.5	1		04/23/24 01:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.5	1		04/23/24 01:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.5	1		04/23/24 01:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.5	1		04/23/24 01:19	79-00-5	
Trichloroethene	ND	ug/kg	5.5	1		04/23/24 01:19	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: **DSL-DSP-E (3.5')** Lab ID: **50370968009** Collected: 04/18/24 10:45 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	5.5	1		04/23/24 01:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.5	1		04/23/24 01:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.5	1		04/23/24 01:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.5	1		04/23/24 01:19	108-67-8	
Vinyl acetate	ND	ug/kg	110	1		04/23/24 01:19	108-05-4	
Vinyl chloride	ND	ug/kg	5.5	1		04/23/24 01:19	75-01-4	
Xylene (Total)	ND	ug/kg	11.0	1		04/23/24 01:19	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%	75-135	1		04/23/24 01:19	1868-53-7	
Toluene-d8 (S)	100	%	65-148	1		04/23/24 01:19	2037-26-5	
4-Bromofluorobenzene (S)	95	%	63-132	1		04/23/24 01:19	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	22.5	%	0.10	1		04/22/24 13:01		N2

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**ANALYTICAL RESULTS**

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: DSL-DSP/PL (3') **Lab ID: 50370968010** Collected: 04/18/24 11:00 Received: 04/18/24 14:27 Matrix: Solid**Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.**

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis						
Lead	15.3	mg/kg	1.2	1	04/21/24 17:48	04/23/24 00:14	7439-92-1	
8270 PAH Soil by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - Indianapolis						
Acenaphthene	ND	mg/kg	0.0060	1	04/19/24 09:45	04/19/24 20:34	83-32-9	
Acenaphthylene	ND	mg/kg	0.0060	1	04/19/24 09:45	04/19/24 20:34	208-96-8	
Anthracene	ND	mg/kg	0.0060	1	04/19/24 09:45	04/19/24 20:34	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0060	1	04/19/24 09:45	04/19/24 20:34	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0060	1	04/19/24 09:45	04/19/24 20:34	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0060	1	04/19/24 09:45	04/19/24 20:34	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0060	1	04/19/24 09:45	04/19/24 20:34	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0060	1	04/19/24 09:45	04/19/24 20:34	207-08-9	
Chrysene	ND	mg/kg	0.0060	1	04/19/24 09:45	04/19/24 20:34	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0060	1	04/19/24 09:45	04/19/24 20:34	53-70-3	
Fluoranthene	ND	mg/kg	0.0060	1	04/19/24 09:45	04/19/24 20:34	206-44-0	
Fluorene	ND	mg/kg	0.0060	1	04/19/24 09:45	04/19/24 20:34	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0060	1	04/19/24 09:45	04/19/24 20:34	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0060	1	04/19/24 09:45	04/19/24 20:34	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0060	1	04/19/24 09:45	04/19/24 20:34	91-57-6	
Naphthalene	ND	mg/kg	0.0060	1	04/19/24 09:45	04/19/24 20:34	91-20-3	
Phenanthrene	ND	mg/kg	0.0060	1	04/19/24 09:45	04/19/24 20:34	85-01-8	
Pyrene	ND	mg/kg	0.0060	1	04/19/24 09:45	04/19/24 20:34	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	57	%.	23-115	1	04/19/24 09:45	04/19/24 20:34	321-60-8	
p-Terphenyl-d14 (S)	48	%.	19-136	1	04/19/24 09:45	04/19/24 20:34	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/kg	110	1		04/23/24 01:49	67-64-1	
Acrolein	ND	ug/kg	110	1		04/23/24 01:49	107-02-8	
Acrylonitrile	ND	ug/kg	110	1		04/23/24 01:49	107-13-1	
Benzene	ND	ug/kg	5.5	1		04/23/24 01:49	71-43-2	
Bromobenzene	ND	ug/kg	5.5	1		04/23/24 01:49	108-86-1	
Bromochloromethane	ND	ug/kg	5.5	1		04/23/24 01:49	74-97-5	
Bromodichloromethane	ND	ug/kg	5.5	1		04/23/24 01:49	75-27-4	
Bromoform	ND	ug/kg	5.5	1		04/23/24 01:49	75-25-2	
Bromomethane	ND	ug/kg	5.5	1		04/23/24 01:49	74-83-9	
2-Butanone (MEK)	ND	ug/kg	27.6	1		04/23/24 01:49	78-93-3	
n-Butylbenzene	ND	ug/kg	5.5	1		04/23/24 01:49	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.5	1		04/23/24 01:49	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.5	1		04/23/24 01:49	98-06-6	
Carbon disulfide	ND	ug/kg	11.0	1		04/23/24 01:49	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.5	1		04/23/24 01:49	56-23-5	
Chlorobenzene	ND	ug/kg	5.5	1		04/23/24 01:49	108-90-7	
Chloroethane	ND	ug/kg	5.5	1		04/23/24 01:49	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: DSL-DSP/PL (3') Lab ID: 50370968010 Collected: 04/18/24 11:00 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	5.5	1		04/23/24 01:49	67-66-3	
Chloromethane	ND	ug/kg	5.5	1		04/23/24 01:49	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.5	1		04/23/24 01:49	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.5	1		04/23/24 01:49	106-43-4	
Dibromochloromethane	ND	ug/kg	5.5	1		04/23/24 01:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.5	1		04/23/24 01:49	106-93-4	
Dibromomethane	ND	ug/kg	5.5	1		04/23/24 01:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.5	1		04/23/24 01:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.5	1		04/23/24 01:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.5	1		04/23/24 01:49	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	110	1		04/23/24 01:49	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.5	1		04/23/24 01:49	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.5	1		04/23/24 01:49	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.5	1		04/23/24 01:49	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.5	1		04/23/24 01:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.5	1		04/23/24 01:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.5	1		04/23/24 01:49	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.5	1		04/23/24 01:49	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.5	1		04/23/24 01:49	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.5	1		04/23/24 01:49	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.5	1		04/23/24 01:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.5	1		04/23/24 01:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.5	1		04/23/24 01:49	10061-02-6	
Ethylbenzene	ND	ug/kg	5.5	1		04/23/24 01:49	100-41-4	
Ethyl methacrylate	ND	ug/kg	110	1		04/23/24 01:49	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.5	1		04/23/24 01:49	87-68-3	
n-Hexane	ND	ug/kg	5.5	1		04/23/24 01:49	110-54-3	
2-Hexanone	ND	ug/kg	110	1		04/23/24 01:49	591-78-6	
Iodomethane	ND	ug/kg	110	1		04/23/24 01:49	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	1		04/23/24 01:49	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.5	1		04/23/24 01:49	99-87-6	
Methylene Chloride	ND	ug/kg	22.1	1		04/23/24 01:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	27.6	1		04/23/24 01:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.5	1		04/23/24 01:49	1634-04-4	
n-Propylbenzene	ND	ug/kg	5.5	1		04/23/24 01:49	103-65-1	
Styrene	ND	ug/kg	5.5	1		04/23/24 01:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.5	1		04/23/24 01:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.5	1		04/23/24 01:49	79-34-5	
Tetrachloroethene	ND	ug/kg	5.5	1		04/23/24 01:49	127-18-4	
Toluene	ND	ug/kg	5.5	1		04/23/24 01:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.5	1		04/23/24 01:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.5	1		04/23/24 01:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.5	1		04/23/24 01:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.5	1		04/23/24 01:49	79-00-5	
Trichloroethene	ND	ug/kg	5.5	1		04/23/24 01:49	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: DSL-DSP/PL (3') Lab ID: 50370968010 Collected: 04/18/24 11:00 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	5.5	1		04/23/24 01:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.5	1		04/23/24 01:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.5	1		04/23/24 01:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.5	1		04/23/24 01:49	108-67-8	
Vinyl acetate	ND	ug/kg	110	1		04/23/24 01:49	108-05-4	
Vinyl chloride	ND	ug/kg	5.5	1		04/23/24 01:49	75-01-4	
Xylene (Total)	ND	ug/kg	11.0	1		04/23/24 01:49	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%	75-135	1		04/23/24 01:49	1868-53-7	
Toluene-d8 (S)	96	%	65-148	1		04/23/24 01:49	2037-26-5	
4-Bromofluorobenzene (S)	102	%	63-132	1		04/23/24 01:49	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	21.6	%	0.10	1		04/22/24 13:01		N2

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: SO-DUP-03 Lab ID: 50370968011 Collected: 04/18/24 08:00 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Pace Analytical Services - Indianapolis								
Lead	18.4	mg/kg	1.3	1	04/21/24 17:48	04/23/24 00:15	7439-92-1	
8270 PAH Soil by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Indianapolis								
Acenaphthene	0.040	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 20:48	83-32-9	
Acenaphthylene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 20:48	208-96-8	
Anthracene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 20:48	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 20:48	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 20:48	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 20:48	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 20:48	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 20:48	207-08-9	
Chrysene	0.019	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 20:48	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 20:48	53-70-3	
Fluoranthene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 20:48	206-44-0	
Fluorene	0.13	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 20:48	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 20:48	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 20:48	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 20:48	91-57-6	
Naphthalene	ND	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 20:48	91-20-3	
Phenanthrene	0.089	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 20:48	85-01-8	
Pyrene	0.068	mg/kg	0.0062	1	04/19/24 09:45	04/19/24 20:48	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	51	%	23-115	1	04/19/24 09:45	04/19/24 20:48	321-60-8	
p-Terphenyl-d14 (S)	51	%	19-136	1	04/19/24 09:45	04/19/24 20:48	1718-51-0	
8260 MSV 5035A VOA								
Analytical Method: EPA 8260								
Pace Analytical Services - Indianapolis								
Acetone	ND	ug/kg	122	1		04/23/24 02:19	67-64-1	
Acrolein	ND	ug/kg	122	1		04/23/24 02:19	107-02-8	
Acrylonitrile	ND	ug/kg	122	1		04/23/24 02:19	107-13-1	
Benzene	ND	ug/kg	6.1	1		04/23/24 02:19	71-43-2	
Bromobenzene	ND	ug/kg	6.1	1		04/23/24 02:19	108-86-1	
Bromochloromethane	ND	ug/kg	6.1	1		04/23/24 02:19	74-97-5	
Bromodichloromethane	ND	ug/kg	6.1	1		04/23/24 02:19	75-27-4	
Bromoform	ND	ug/kg	6.1	1		04/23/24 02:19	75-25-2	
Bromomethane	ND	ug/kg	6.1	1		04/23/24 02:19	74-83-9	
2-Butanone (MEK)	ND	ug/kg	30.6	1		04/23/24 02:19	78-93-3	
n-Butylbenzene	ND	ug/kg	6.1	1		04/23/24 02:19	104-51-8	
sec-Butylbenzene	10.9	ug/kg	6.1	1		04/23/24 02:19	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.1	1		04/23/24 02:19	98-06-6	
Carbon disulfide	ND	ug/kg	12.2	1		04/23/24 02:19	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.1	1		04/23/24 02:19	56-23-5	
Chlorobenzene	ND	ug/kg	6.1	1		04/23/24 02:19	108-90-7	
Chloroethane	ND	ug/kg	6.1	1		04/23/24 02:19	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: SO-DUP-03 Lab ID: 50370968011 Collected: 04/18/24 08:00 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	6.1	1		04/23/24 02:19	67-66-3	
Chloromethane	ND	ug/kg	6.1	1		04/23/24 02:19	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.1	1		04/23/24 02:19	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.1	1		04/23/24 02:19	106-43-4	
Dibromochloromethane	ND	ug/kg	6.1	1		04/23/24 02:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.1	1		04/23/24 02:19	106-93-4	
Dibromomethane	ND	ug/kg	6.1	1		04/23/24 02:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.1	1		04/23/24 02:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.1	1		04/23/24 02:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.1	1		04/23/24 02:19	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	122	1		04/23/24 02:19	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	6.1	1		04/23/24 02:19	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.1	1		04/23/24 02:19	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.1	1		04/23/24 02:19	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.1	1		04/23/24 02:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.1	1		04/23/24 02:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.1	1		04/23/24 02:19	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.1	1		04/23/24 02:19	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.1	1		04/23/24 02:19	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.1	1		04/23/24 02:19	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.1	1		04/23/24 02:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.1	1		04/23/24 02:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.1	1		04/23/24 02:19	10061-02-6	
Ethylbenzene	ND	ug/kg	6.1	1		04/23/24 02:19	100-41-4	
Ethyl methacrylate	ND	ug/kg	122	1		04/23/24 02:19	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	6.1	1		04/23/24 02:19	87-68-3	
n-Hexane	ND	ug/kg	6.1	1		04/23/24 02:19	110-54-3	
2-Hexanone	ND	ug/kg	122	1		04/23/24 02:19	591-78-6	
Iodomethane	ND	ug/kg	122	1		04/23/24 02:19	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	6.1	1		04/23/24 02:19	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.1	1		04/23/24 02:19	99-87-6	
Methylene Chloride	ND	ug/kg	24.5	1		04/23/24 02:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	30.6	1		04/23/24 02:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.1	1		04/23/24 02:19	1634-04-4	
n-Propylbenzene	ND	ug/kg	6.1	1		04/23/24 02:19	103-65-1	
Styrene	ND	ug/kg	6.1	1		04/23/24 02:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.1	1		04/23/24 02:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.1	1		04/23/24 02:19	79-34-5	
Tetrachloroethene	ND	ug/kg	6.1	1		04/23/24 02:19	127-18-4	
Toluene	ND	ug/kg	6.1	1		04/23/24 02:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.1	1		04/23/24 02:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.1	1		04/23/24 02:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.1	1		04/23/24 02:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.1	1		04/23/24 02:19	79-00-5	
Trichloroethene	ND	ug/kg	6.1	1		04/23/24 02:19	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Sample: SO-DUP-03 Lab ID: 50370968011 Collected: 04/18/24 08:00 Received: 04/18/24 14:27 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	6.1	1		04/23/24 02:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.1	1		04/23/24 02:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.1	1		04/23/24 02:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.1	1		04/23/24 02:19	108-67-8	
Vinyl acetate	ND	ug/kg	122	1		04/23/24 02:19	108-05-4	
Vinyl chloride	ND	ug/kg	6.1	1		04/23/24 02:19	75-01-4	
Xylene (Total)	ND	ug/kg	12.2	1		04/23/24 02:19	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	75-135	1		04/23/24 02:19	1868-53-7	
Toluene-d8 (S)	100	%	65-148	1		04/23/24 02:19	2037-26-5	
4-Bromofluorobenzene (S)	92	%	63-132	1		04/23/24 02:19	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	22.0	%	0.10	1		04/22/24 13:01		N2

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

QC Batch:	785906	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3050	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50370968002, 50370968003, 50370968004, 50370968005, 50370968006, 50370968007, 50370968008, 50370968009, 50370968010, 50370968011

METHOD BLANK: 3595484 Matrix: Solid

Associated Lab Samples: 50370968002, 50370968003, 50370968004, 50370968005, 50370968006, 50370968007, 50370968008, 50370968009, 50370968010, 50370968011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	ND	1.0	04/22/24 23:42	

LABORATORY CONTROL SAMPLE: 3595485

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	50.0	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3595486 3595487

Parameter	Units	50369228035 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/kg	34.9	57.2	56.5	56.3	73.3	37	68	75-125	26	20	M3,R1

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

QC Batch: 786093

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50370968004, 50370968005

METHOD BLANK: 3596237

Matrix: Solid

Associated Lab Samples: 50370968004, 50370968005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	04/22/24 11:46	
1,1,1-Trichloroethane	ug/kg	ND	5.0	04/22/24 11:46	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	04/22/24 11:46	
1,1,2-Trichloroethane	ug/kg	ND	5.0	04/22/24 11:46	
1,1-Dichloroethane	ug/kg	ND	5.0	04/22/24 11:46	
1,1-Dichloroethene	ug/kg	ND	5.0	04/22/24 11:46	
1,1-Dichloropropene	ug/kg	ND	5.0	04/22/24 11:46	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	04/22/24 11:46	
1,2,3-Trichloropropane	ug/kg	ND	5.0	04/22/24 11:46	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	04/22/24 11:46	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	04/22/24 11:46	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	04/22/24 11:46	
1,2-Dichlorobenzene	ug/kg	ND	5.0	04/22/24 11:46	
1,2-Dichloroethane	ug/kg	ND	5.0	04/22/24 11:46	
1,2-Dichloropropane	ug/kg	ND	5.0	04/22/24 11:46	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	04/22/24 11:46	
1,3-Dichlorobenzene	ug/kg	ND	5.0	04/22/24 11:46	
1,3-Dichloropropane	ug/kg	ND	5.0	04/22/24 11:46	
1,4-Dichlorobenzene	ug/kg	ND	5.0	04/22/24 11:46	
2,2-Dichloropropane	ug/kg	ND	5.0	04/22/24 11:46	
2-Butanone (MEK)	ug/kg	ND	25.0	04/22/24 11:46	
2-Chlorotoluene	ug/kg	ND	5.0	04/22/24 11:46	
2-Hexanone	ug/kg	ND	100	04/22/24 11:46	
4-Chlorotoluene	ug/kg	ND	5.0	04/22/24 11:46	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	04/22/24 11:46	
Acetone	ug/kg	ND	100	04/22/24 11:46	
Acrolein	ug/kg	ND	100	04/22/24 11:46	
Acrylonitrile	ug/kg	ND	100	04/22/24 11:46	
Benzene	ug/kg	ND	5.0	04/22/24 11:46	
Bromobenzene	ug/kg	ND	5.0	04/22/24 11:46	
Bromochloromethane	ug/kg	ND	5.0	04/22/24 11:46	
Bromodichloromethane	ug/kg	ND	5.0	04/22/24 11:46	
Bromoform	ug/kg	ND	5.0	04/22/24 11:46	
Bromomethane	ug/kg	ND	5.0	04/22/24 11:46	
Carbon disulfide	ug/kg	ND	10.0	04/22/24 11:46	
Carbon tetrachloride	ug/kg	ND	5.0	04/22/24 11:46	
Chlorobenzene	ug/kg	ND	5.0	04/22/24 11:46	
Chloroethane	ug/kg	ND	5.0	04/22/24 11:46	
Chloroform	ug/kg	ND	5.0	04/22/24 11:46	
Chloromethane	ug/kg	ND	5.0	04/22/24 11:46	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

METHOD BLANK: 3596237

Matrix: Solid

Associated Lab Samples: 50370968004, 50370968005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	04/22/24 11:46	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	04/22/24 11:46	
Dibromochloromethane	ug/kg	ND	5.0	04/22/24 11:46	
Dibromomethane	ug/kg	ND	5.0	04/22/24 11:46	
Dichlorodifluoromethane	ug/kg	ND	5.0	04/22/24 11:46	
Ethyl methacrylate	ug/kg	ND	100	04/22/24 11:46	
Ethylbenzene	ug/kg	ND	5.0	04/22/24 11:46	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	04/22/24 11:46	
Iodomethane	ug/kg	ND	100	04/22/24 11:46	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	04/22/24 11:46	
Methyl-tert-butyl ether	ug/kg	ND	5.0	04/22/24 11:46	
Methylene Chloride	ug/kg	ND	20.0	04/22/24 11:46	
n-Butylbenzene	ug/kg	ND	5.0	04/22/24 11:46	
n-Hexane	ug/kg	ND	5.0	04/22/24 11:46	
n-Propylbenzene	ug/kg	ND	5.0	04/22/24 11:46	
p-Isopropyltoluene	ug/kg	ND	5.0	04/22/24 11:46	
sec-Butylbenzene	ug/kg	ND	5.0	04/22/24 11:46	
Styrene	ug/kg	ND	5.0	04/22/24 11:46	
tert-Butylbenzene	ug/kg	ND	5.0	04/22/24 11:46	
Tetrachloroethene	ug/kg	ND	5.0	04/22/24 11:46	
Toluene	ug/kg	ND	5.0	04/22/24 11:46	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	04/22/24 11:46	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	04/22/24 11:46	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	04/22/24 11:46	
Trichloroethene	ug/kg	ND	5.0	04/22/24 11:46	
Trichlorofluoromethane	ug/kg	ND	5.0	04/22/24 11:46	
Vinyl acetate	ug/kg	ND	100	04/22/24 11:46	
Vinyl chloride	ug/kg	ND	5.0	04/22/24 11:46	
Xylene (Total)	ug/kg	ND	10.0	04/22/24 11:46	
4-Bromofluorobenzene (S)	%	102	63-132	04/22/24 11:46	
Dibromofluoromethane (S)	%	101	75-135	04/22/24 11:46	1d
Toluene-d8 (S)	%	97	65-148	04/22/24 11:46	

LABORATORY CONTROL SAMPLE: 3596238

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	41.2	82	67-134	
1,1,2,2-Tetrachloroethane	ug/kg	50	41.3	83	67-122	
1,1-Dichloroethene	ug/kg	50	41.7	83	57-140	
1,2,4-Trimethylbenzene	ug/kg	50	40.8	82	60-122	
1,2-Dibromoethane (EDB)	ug/kg	50	43.3	87	71-126	
1,2-Dichloroethane	ug/kg	50	43.0	86	67-129	
1,2-Dichloropropane	ug/kg	50	43.3	87	71-123	
1,3,5-Trimethylbenzene	ug/kg	50	40.5	81	62-118	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

LABORATORY CONTROL SAMPLE: 3596238

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	50	41.6	83	69-125	
Chlorobenzene	ug/kg	50	41.1	82	68-122	
Chloroform	ug/kg	50	42.3	85	71-124	
cis-1,2-Dichloroethene	ug/kg	50	42.9	86	70-123	
Ethylbenzene	ug/kg	50	42.1	84	65-124	
Isopropylbenzene (Cumene)	ug/kg	50	41.8	84	65-126	
Methyl-tert-butyl ether	ug/kg	50	42.6	85	69-128	
n-Hexane	ug/kg	50	35.5	71	55-123	
Tetrachloroethene	ug/kg	50	40.0	80	62-128	
Toluene	ug/kg	50	40.5	81	60-122	
trans-1,2-Dichloroethene	ug/kg	50	42.5	85	67-124	
Trichloroethene	ug/kg	50	42.3	85	68-128	
Vinyl chloride	ug/kg	50	50.7	101	52-142	
Xylene (Total)	ug/kg	150	120	80	62-122	
4-Bromofluorobenzene (S)	%			102	63-132	
Dibromofluoromethane (S)	%			103	75-135	
Toluene-d8 (S)	%			99	65-148	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

QC Batch: 786095

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50370968001, 50370968002, 50370968003, 50370968006, 50370968007, 50370968008

METHOD BLANK: 3596243

Matrix: Solid

Associated Lab Samples: 50370968001, 50370968002, 50370968003, 50370968006, 50370968007, 50370968008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	04/22/24 12:01	
1,1,1-Trichloroethane	ug/kg	ND	5.0	04/22/24 12:01	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	04/22/24 12:01	
1,1,2-Trichloroethane	ug/kg	ND	5.0	04/22/24 12:01	
1,1-Dichloroethane	ug/kg	ND	5.0	04/22/24 12:01	
1,1-Dichloroethene	ug/kg	ND	5.0	04/22/24 12:01	
1,1-Dichloropropene	ug/kg	ND	5.0	04/22/24 12:01	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	04/22/24 12:01	
1,2,3-Trichloropropane	ug/kg	ND	5.0	04/22/24 12:01	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	04/22/24 12:01	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	04/22/24 12:01	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	04/22/24 12:01	
1,2-Dichlorobenzene	ug/kg	ND	5.0	04/22/24 12:01	
1,2-Dichloroethane	ug/kg	ND	5.0	04/22/24 12:01	
1,2-Dichloropropane	ug/kg	ND	5.0	04/22/24 12:01	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	04/22/24 12:01	
1,3-Dichlorobenzene	ug/kg	ND	5.0	04/22/24 12:01	
1,3-Dichloropropane	ug/kg	ND	5.0	04/22/24 12:01	
1,4-Dichlorobenzene	ug/kg	ND	5.0	04/22/24 12:01	
2,2-Dichloropropane	ug/kg	ND	5.0	04/22/24 12:01	
2-Butanone (MEK)	ug/kg	ND	25.0	04/22/24 12:01	
2-Chlorotoluene	ug/kg	ND	5.0	04/22/24 12:01	
2-Hexanone	ug/kg	ND	100	04/22/24 12:01	
4-Chlorotoluene	ug/kg	ND	5.0	04/22/24 12:01	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	04/22/24 12:01	
Acetone	ug/kg	ND	100	04/22/24 12:01	
Acrolein	ug/kg	ND	100	04/22/24 12:01	
Acrylonitrile	ug/kg	ND	100	04/22/24 12:01	
Benzene	ug/kg	ND	5.0	04/22/24 12:01	
Bromobenzene	ug/kg	ND	5.0	04/22/24 12:01	
Bromochloromethane	ug/kg	ND	5.0	04/22/24 12:01	
Bromodichloromethane	ug/kg	ND	5.0	04/22/24 12:01	
Bromoform	ug/kg	ND	5.0	04/22/24 12:01	
Bromomethane	ug/kg	ND	5.0	04/22/24 12:01	
Carbon disulfide	ug/kg	ND	10.0	04/22/24 12:01	
Carbon tetrachloride	ug/kg	ND	5.0	04/22/24 12:01	
Chlorobenzene	ug/kg	ND	5.0	04/22/24 12:01	
Chloroethane	ug/kg	ND	5.0	04/22/24 12:01	
Chloroform	ug/kg	ND	5.0	04/22/24 12:01	
Chloromethane	ug/kg	ND	5.0	04/22/24 12:01	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure
 Pace Project No.: 50370968

METHOD BLANK: 3596243 Matrix: Solid
 Associated Lab Samples: 50370968001, 50370968002, 50370968003, 50370968006, 50370968007, 50370968008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	04/22/24 12:01	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	04/22/24 12:01	
Dibromochloromethane	ug/kg	ND	5.0	04/22/24 12:01	
Dibromomethane	ug/kg	ND	5.0	04/22/24 12:01	
Dichlorodifluoromethane	ug/kg	ND	5.0	04/22/24 12:01	
Ethyl methacrylate	ug/kg	ND	100	04/22/24 12:01	
Ethylbenzene	ug/kg	ND	5.0	04/22/24 12:01	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	04/22/24 12:01	
Iodomethane	ug/kg	ND	100	04/22/24 12:01	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	04/22/24 12:01	
Methyl-tert-butyl ether	ug/kg	ND	5.0	04/22/24 12:01	
Methylene Chloride	ug/kg	ND	20.0	04/22/24 12:01	
n-Butylbenzene	ug/kg	ND	5.0	04/22/24 12:01	
n-Hexane	ug/kg	ND	5.0	04/22/24 12:01	
n-Propylbenzene	ug/kg	ND	5.0	04/22/24 12:01	
p-Isopropyltoluene	ug/kg	ND	5.0	04/22/24 12:01	
sec-Butylbenzene	ug/kg	ND	5.0	04/22/24 12:01	
Styrene	ug/kg	ND	5.0	04/22/24 12:01	
tert-Butylbenzene	ug/kg	ND	5.0	04/22/24 12:01	
Tetrachloroethene	ug/kg	ND	5.0	04/22/24 12:01	
Toluene	ug/kg	ND	5.0	04/22/24 12:01	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	04/22/24 12:01	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	04/22/24 12:01	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	04/22/24 12:01	
Trichloroethene	ug/kg	ND	5.0	04/22/24 12:01	
Trichlorofluoromethane	ug/kg	ND	5.0	04/22/24 12:01	
Vinyl acetate	ug/kg	ND	100	04/22/24 12:01	
Vinyl chloride	ug/kg	ND	5.0	04/22/24 12:01	
Xylene (Total)	ug/kg	ND	10.0	04/22/24 12:01	
4-Bromofluorobenzene (S)	%	104	63-132	04/22/24 12:01	
Dibromofluoromethane (S)	%	102	75-135	04/22/24 12:01	1d
Toluene-d8 (S)	%	97	65-148	04/22/24 12:01	

LABORATORY CONTROL SAMPLE: 3596244

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	47.7	95	67-134	
1,1,2,2-Tetrachloroethane	ug/kg	50	47.8	96	67-122	
1,1-Dichloroethene	ug/kg	50	48.3	97	57-140	
1,2,4-Trimethylbenzene	ug/kg	50	45.1	90	60-122	
1,2-Dibromoethane (EDB)	ug/kg	50	48.5	97	71-126	
1,2-Dichloroethane	ug/kg	50	50.1	100	67-129	
1,2-Dichloropropane	ug/kg	50	49.2	98	71-123	
1,3,5-Trimethylbenzene	ug/kg	50	44.7	89	62-118	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

LABORATORY CONTROL SAMPLE: 3596244

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	50	48.3	97	69-125	
Chlorobenzene	ug/kg	50	45.6	91	68-122	
Chloroform	ug/kg	50	49.1	98	71-124	
cis-1,2-Dichloroethene	ug/kg	50	49.6	99	70-123	
Ethylbenzene	ug/kg	50	45.9	92	65-124	
Isopropylbenzene (Cumene)	ug/kg	50	46.3	93	65-126	
Methyl-tert-butyl ether	ug/kg	50	48.4	97	69-128	
n-Hexane	ug/kg	50	40.9	82	55-123	
Tetrachloroethene	ug/kg	50	46.1	92	62-128	
Toluene	ug/kg	50	46.1	92	60-122	
trans-1,2-Dichloroethene	ug/kg	50	49.2	98	67-124	
Trichloroethene	ug/kg	50	47.5	95	68-128	
Vinyl chloride	ug/kg	50	59.2	118	52-142	
Xylene (Total)	ug/kg	150	135	90	62-122	
4-Bromofluorobenzene (S)	%			100	63-132	
Dibromofluoromethane (S)	%			104	75-135	
Toluene-d8 (S)	%			98	65-148	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

QC Batch: 786098

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50370968009, 50370968010, 50370968011

METHOD BLANK: 3596252

Matrix: Solid

Associated Lab Samples: 50370968009, 50370968010, 50370968011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	04/23/24 00:48	
1,1,1-Trichloroethane	ug/kg	ND	5.0	04/23/24 00:48	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	04/23/24 00:48	
1,1,2-Trichloroethane	ug/kg	ND	5.0	04/23/24 00:48	
1,1-Dichloroethane	ug/kg	ND	5.0	04/23/24 00:48	
1,1-Dichloroethene	ug/kg	ND	5.0	04/23/24 00:48	
1,1-Dichloropropene	ug/kg	ND	5.0	04/23/24 00:48	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	04/23/24 00:48	
1,2,3-Trichloropropane	ug/kg	ND	5.0	04/23/24 00:48	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	04/23/24 00:48	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	04/23/24 00:48	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	04/23/24 00:48	
1,2-Dichlorobenzene	ug/kg	ND	5.0	04/23/24 00:48	
1,2-Dichloroethane	ug/kg	ND	5.0	04/23/24 00:48	
1,2-Dichloropropane	ug/kg	ND	5.0	04/23/24 00:48	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	04/23/24 00:48	
1,3-Dichlorobenzene	ug/kg	ND	5.0	04/23/24 00:48	
1,3-Dichloropropane	ug/kg	ND	5.0	04/23/24 00:48	
1,4-Dichlorobenzene	ug/kg	ND	5.0	04/23/24 00:48	
2,2-Dichloropropane	ug/kg	ND	5.0	04/23/24 00:48	
2-Butanone (MEK)	ug/kg	ND	25.0	04/23/24 00:48	
2-Chlorotoluene	ug/kg	ND	5.0	04/23/24 00:48	
2-Hexanone	ug/kg	ND	100	04/23/24 00:48	
4-Chlorotoluene	ug/kg	ND	5.0	04/23/24 00:48	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	04/23/24 00:48	
Acetone	ug/kg	ND	100	04/23/24 00:48	
Acrolein	ug/kg	ND	100	04/23/24 00:48	
Acrylonitrile	ug/kg	ND	100	04/23/24 00:48	
Benzene	ug/kg	ND	5.0	04/23/24 00:48	
Bromobenzene	ug/kg	ND	5.0	04/23/24 00:48	
Bromochloromethane	ug/kg	ND	5.0	04/23/24 00:48	
Bromodichloromethane	ug/kg	ND	5.0	04/23/24 00:48	
Bromoform	ug/kg	ND	5.0	04/23/24 00:48	
Bromomethane	ug/kg	ND	5.0	04/23/24 00:48	
Carbon disulfide	ug/kg	ND	10.0	04/23/24 00:48	
Carbon tetrachloride	ug/kg	ND	5.0	04/23/24 00:48	
Chlorobenzene	ug/kg	ND	5.0	04/23/24 00:48	
Chloroethane	ug/kg	ND	5.0	04/23/24 00:48	
Chloroform	ug/kg	ND	5.0	04/23/24 00:48	
Chloromethane	ug/kg	ND	5.0	04/23/24 00:48	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

METHOD BLANK: 3596252 Matrix: Solid

Associated Lab Samples: 50370968009, 50370968010, 50370968011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	04/23/24 00:48	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	04/23/24 00:48	
Dibromochloromethane	ug/kg	ND	5.0	04/23/24 00:48	
Dibromomethane	ug/kg	ND	5.0	04/23/24 00:48	
Dichlorodifluoromethane	ug/kg	ND	5.0	04/23/24 00:48	
Ethyl methacrylate	ug/kg	ND	100	04/23/24 00:48	
Ethylbenzene	ug/kg	ND	5.0	04/23/24 00:48	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	04/23/24 00:48	
Iodomethane	ug/kg	ND	100	04/23/24 00:48	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	04/23/24 00:48	
Methyl-tert-butyl ether	ug/kg	ND	5.0	04/23/24 00:48	
Methylene Chloride	ug/kg	ND	20.0	04/23/24 00:48	
n-Butylbenzene	ug/kg	ND	5.0	04/23/24 00:48	
n-Hexane	ug/kg	ND	5.0	04/23/24 00:48	
n-Propylbenzene	ug/kg	ND	5.0	04/23/24 00:48	
p-Isopropyltoluene	ug/kg	ND	5.0	04/23/24 00:48	
sec-Butylbenzene	ug/kg	ND	5.0	04/23/24 00:48	
Styrene	ug/kg	ND	5.0	04/23/24 00:48	
tert-Butylbenzene	ug/kg	ND	5.0	04/23/24 00:48	
Tetrachloroethene	ug/kg	ND	5.0	04/23/24 00:48	
Toluene	ug/kg	ND	5.0	04/23/24 00:48	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	04/23/24 00:48	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	04/23/24 00:48	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	04/23/24 00:48	
Trichloroethene	ug/kg	ND	5.0	04/23/24 00:48	
Trichlorofluoromethane	ug/kg	ND	5.0	04/23/24 00:48	
Vinyl acetate	ug/kg	ND	100	04/23/24 00:48	
Vinyl chloride	ug/kg	ND	5.0	04/23/24 00:48	
Xylene (Total)	ug/kg	ND	10.0	04/23/24 00:48	
4-Bromofluorobenzene (S)	%	102	63-132	04/23/24 00:48	
Dibromofluoromethane (S)	%	100	75-135	04/23/24 00:48	1d
Toluene-d8 (S)	%	96	65-148	04/23/24 00:48	

LABORATORY CONTROL SAMPLE: 3596253

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	47.3	95	67-134	
1,1,2,2-Tetrachloroethane	ug/kg	50	46.0	92	67-122	
1,1-Dichloroethene	ug/kg	50	48.4	97	57-140	
1,2,4-Trimethylbenzene	ug/kg	50	43.2	86	60-122	
1,2-Dibromoethane (EDB)	ug/kg	50	47.7	95	71-126	
1,2-Dichloroethane	ug/kg	50	48.9	98	67-129	
1,2-Dichloropropane	ug/kg	50	49.9	100	71-123	
1,3,5-Trimethylbenzene	ug/kg	50	42.6	85	62-118	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

LABORATORY CONTROL SAMPLE: 3596253

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	50	48.7	97	69-125	
Chlorobenzene	ug/kg	50	44.6	89	68-122	
Chloroform	ug/kg	50	49.1	98	71-124	
cis-1,2-Dichloroethene	ug/kg	50	49.9	100	70-123	
Ethylbenzene	ug/kg	50	45.8	92	65-124	
Isopropylbenzene (Cumene)	ug/kg	50	45.3	91	65-126	
Methyl-tert-butyl ether	ug/kg	50	47.7	95	69-128	
n-Hexane	ug/kg	50	37.9	76	55-123	
Tetrachloroethene	ug/kg	50	41.8	84	62-128	
Toluene	ug/kg	50	45.2	90	60-122	
trans-1,2-Dichloroethene	ug/kg	50	48.7	97	67-124	
Trichloroethene	ug/kg	50	47.2	94	68-128	
Vinyl chloride	ug/kg	50	58.6	117	52-142	
Xylene (Total)	ug/kg	150	132	88	62-122	
4-Bromofluorobenzene (S)	%			100	63-132	
Dibromofluoromethane (S)	%			102	75-135	
Toluene-d8 (S)	%			98	65-148	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

QC Batch: 785763 Analysis Method: EPA 8270 by SIM
 QC Batch Method: EPA 3546 Analysis Description: 8270 Soil PAH by SIM
 Laboratory: Pace Analytical Services - Indianapolis
 Associated Lab Samples: 50370968004, 50370968005, 50370968006, 50370968007, 50370968008, 50370968009, 50370968010, 50370968011

METHOD BLANK: 3594677 Matrix: Solid
 Associated Lab Samples: 50370968004, 50370968005, 50370968006, 50370968007, 50370968008, 50370968009, 50370968010, 50370968011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.0050	04/19/24 15:54	
2-Methylnaphthalene	mg/kg	ND	0.0050	04/19/24 15:54	
Acenaphthene	mg/kg	ND	0.0050	04/19/24 15:54	
Acenaphthylene	mg/kg	ND	0.0050	04/19/24 15:54	
Anthracene	mg/kg	ND	0.0050	04/19/24 15:54	
Benzo(a)anthracene	mg/kg	ND	0.0050	04/19/24 15:54	
Benzo(a)pyrene	mg/kg	ND	0.0050	04/19/24 15:54	
Benzo(b)fluoranthene	mg/kg	ND	0.0050	04/19/24 15:54	
Benzo(g,h,i)perylene	mg/kg	ND	0.0050	04/19/24 15:54	
Benzo(k)fluoranthene	mg/kg	ND	0.0050	04/19/24 15:54	
Chrysene	mg/kg	ND	0.0050	04/19/24 15:54	
Dibenz(a,h)anthracene	mg/kg	ND	0.0050	04/19/24 15:54	
Fluoranthene	mg/kg	ND	0.0050	04/19/24 15:54	
Fluorene	mg/kg	ND	0.0050	04/19/24 15:54	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.0050	04/19/24 15:54	
Naphthalene	mg/kg	ND	0.0050	04/19/24 15:54	
Phenanthrene	mg/kg	ND	0.0050	04/19/24 15:54	
Pyrene	mg/kg	ND	0.0050	04/19/24 15:54	
2-Fluorobiphenyl (S)	%	64	23-115	04/19/24 15:54	
p-Terphenyl-d14 (S)	%	76	19-136	04/19/24 15:54	

LABORATORY CONTROL SAMPLE: 3594678

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.67	0.48	72	52-125	
2-Methylnaphthalene	mg/kg	0.67	0.45	68	52-123	
Acenaphthene	mg/kg	0.67	0.47	71	54-119	
Acenaphthylene	mg/kg	0.67	0.47	71	55-130	
Anthracene	mg/kg	0.67	0.48	72	58-120	
Benzo(a)anthracene	mg/kg	0.67	0.50	75	59-126	
Benzo(a)pyrene	mg/kg	0.67	0.54	81	58-133	
Benzo(b)fluoranthene	mg/kg	0.67	0.51	76	54-137	
Benzo(g,h,i)perylene	mg/kg	0.67	0.51	77	53-127	
Benzo(k)fluoranthene	mg/kg	0.67	0.57	86	54-126	
Chrysene	mg/kg	0.67	0.55	82	59-129	
Dibenz(a,h)anthracene	mg/kg	0.67	0.53	80	54-128	
Fluoranthene	mg/kg	0.67	0.52	78	58-137	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

LABORATORY CONTROL SAMPLE: 3594678

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	mg/kg	0.67	0.49	74	57-129	
Indeno(1,2,3-cd)pyrene	mg/kg	0.67	0.53	79	56-129	
Naphthalene	mg/kg	0.67	0.45	67	48-112	
Phenanthrene	mg/kg	0.67	0.49	74	57-125	
Pyrene	mg/kg	0.67	0.54	81	55-133	
2-Fluorobiphenyl (S)	%			68	23-115	
p-Terphenyl-d14 (S)	%			79	19-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3594683 3594684

Parameter	Units	MS 3594683		MSD 3594684		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		Result	Spike Conc.	Result	Spike Conc.							
1-Methylnaphthalene	mg/kg	ND	0.66	0.65	0.45	0.46	68	71	17-141	2	20	
2-Methylnaphthalene	mg/kg	ND	0.66	0.65	0.43	0.44	65	68	16-139	3	20	
Acenaphthene	mg/kg	ND	0.66	0.65	0.44	0.44	66	68	26-123	1	20	
Acenaphthylene	mg/kg	ND	0.66	0.65	0.44	0.45	68	69	16-125	1	20	
Anthracene	mg/kg	ND	0.66	0.65	0.40	0.40	61	62	13-133	0	20	
Benzo(a)anthracene	mg/kg	0.0059	0.66	0.65	0.43	0.42	64	64	10-148	0	20	
Benzo(a)pyrene	mg/kg	0.010	0.66	0.65	0.46	0.46	68	69	10-133	0	20	
Benzo(b)fluoranthene	mg/kg	0.015	0.66	0.65	0.45	0.45	66	67	10-155	1	20	
Benzo(g,h,i)perylene	mg/kg	0.011	0.66	0.65	0.43	0.43	63	64	10-129	0	20	
Benzo(k)fluoranthene	mg/kg	0.0067	0.66	0.65	0.48	0.48	72	73	12-142	0	20	
Chrysene	mg/kg	0.011	0.66	0.65	0.48	0.47	71	71	14-148	1	20	
Dibenz(a,h)anthracene	mg/kg	ND	0.66	0.65	0.45	0.44	68	68	10-131	1	20	
Fluoranthene	mg/kg	0.0089	0.66	0.65	0.47	0.45	69	68	10-154	4	20	
Fluorene	mg/kg	ND	0.66	0.65	0.45	0.45	68	69	26-134	0	20	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0090	0.66	0.65	0.45	0.44	67	67	10-136	1	20	
Naphthalene	mg/kg	ND	0.66	0.65	0.44	0.45	67	69	20-119	2	20	
Phenanthrene	mg/kg	ND	0.66	0.65	0.44	0.44	66	67	12-150	0	20	
Pyrene	mg/kg	0.0094	0.66	0.65	0.47	0.49	71	73	17-152	2	20	
2-Fluorobiphenyl (S)	%						60	61	23-115			
p-Terphenyl-d14 (S)	%						68	69	19-136			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure
Pace Project No.: 50370968

QC Batch: 786090 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 Soil PAH by SIM
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50370968002, 50370968003

METHOD BLANK: 3596222 Matrix: Solid

Associated Lab Samples: 50370968002, 50370968003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.0050	04/23/24 15:44	
2-Methylnaphthalene	mg/kg	ND	0.0050	04/23/24 15:44	
Acenaphthene	mg/kg	ND	0.0050	04/23/24 15:44	
Acenaphthylene	mg/kg	ND	0.0050	04/23/24 15:44	
Anthracene	mg/kg	ND	0.0050	04/23/24 15:44	
Benzo(a)anthracene	mg/kg	ND	0.0050	04/23/24 15:44	
Benzo(a)pyrene	mg/kg	ND	0.0050	04/23/24 15:44	
Benzo(b)fluoranthene	mg/kg	ND	0.0050	04/23/24 15:44	
Benzo(g,h,i)perylene	mg/kg	ND	0.0050	04/23/24 15:44	
Benzo(k)fluoranthene	mg/kg	ND	0.0050	04/23/24 15:44	
Chrysene	mg/kg	ND	0.0050	04/23/24 15:44	
Dibenz(a,h)anthracene	mg/kg	ND	0.0050	04/23/24 15:44	
Fluoranthene	mg/kg	ND	0.0050	04/23/24 15:44	
Fluorene	mg/kg	ND	0.0050	04/23/24 15:44	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.0050	04/23/24 15:44	
Naphthalene	mg/kg	ND	0.0050	04/23/24 15:44	
Phenanthrene	mg/kg	ND	0.0050	04/23/24 15:44	
Pyrene	mg/kg	ND	0.0050	04/23/24 15:44	
2-Fluorobiphenyl (S)	%	68	16-93	04/23/24 15:44	
p-Terphenyl-d14 (S)	%	89	19-115	04/23/24 15:44	

LABORATORY CONTROL SAMPLE: 3596223

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.67	0.58	87	49-116	
2-Methylnaphthalene	mg/kg	0.67	0.56	85	48-116	
Acenaphthene	mg/kg	0.67	0.54	81	48-118	
Acenaphthylene	mg/kg	0.67	0.59	89	50-123	
Anthracene	mg/kg	0.67	0.52	78	45-123	
Benzo(a)anthracene	mg/kg	0.67	0.59	88	52-131	
Benzo(a)pyrene	mg/kg	0.67	0.64	95	56-135	
Benzo(b)fluoranthene	mg/kg	0.67	0.59	89	52-139	
Benzo(g,h,i)perylene	mg/kg	0.67	0.55	83	49-132	
Benzo(k)fluoranthene	mg/kg	0.67	0.60	91	55-134	
Chrysene	mg/kg	0.67	0.56	84	52-127	
Dibenz(a,h)anthracene	mg/kg	0.67	0.58	88	51-137	
Fluoranthene	mg/kg	0.67	0.55	83	53-136	
Fluorene	mg/kg	0.67	0.59	89	52-124	
Indeno(1,2,3-cd)pyrene	mg/kg	0.67	0.56	84	49-139	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure
Pace Project No.: 50370968

LABORATORY CONTROL SAMPLE: 3596223

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	mg/kg	0.67	0.54	82	45-110	
Phenanthrene	mg/kg	0.67	0.57	86	52-124	
Pyrene	mg/kg	0.67	0.67	100	53-129	
2-Fluorobiphenyl (S)	%			73	16-93	
p-Terphenyl-d14 (S)	%			101	19-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3596224 3596225

Parameter	Units	MS 3596224		MSD 3596225		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Spike Conc.	MS Result	Spike Conc.	MSD Result								
1-Methylnaphthalene	mg/kg	0.019	0.65	0.66	0.54	0.51	80	75	20-133	6	20		
2-Methylnaphthalene	mg/kg	0.017	0.65	0.66	0.53	0.50	78	73	16-136	6	20		
Acenaphthene	mg/kg	0.050	0.65	0.66	0.53	0.51	73	69	30-119	4	20		
Acenaphthylene	mg/kg	0.0078	0.65	0.66	0.53	0.49	79	74	34-117	6	20		
Anthracene	mg/kg	0.14	0.65	0.66	0.59	0.56	69	64	16-129	6	20		
Benzo(a)anthracene	mg/kg	0.58	0.65	0.66	1.2	1.2	99	88	20-136	6	20		
Benzo(a)pyrene	mg/kg	0.56	0.65	0.66	1.2	1.1	101	87	20-142	7	20		
Benzo(b)fluoranthene	mg/kg	0.78	0.65	0.66	1.5	1.4	115	96	17-141	8	20		
Benzo(g,h,i)perylene	mg/kg	0.31	0.65	0.66	0.78	0.70	72	60	14-130	10	20		
Benzo(k)fluoranthene	mg/kg	0.25	0.65	0.66	0.81	0.75	86	75	19-142	9	20		
Chrysene	mg/kg	0.58	0.65	0.66	1.2	1.2	102	89	22-131	6	20		
Dibenz(a,h)anthracene	mg/kg	0.097	0.65	0.66	0.55	0.47	69	57	27-124	15	20		
Fluoranthene	mg/kg	1.1	0.65	0.66	2.0	1.9	132	122	12-155	3	20		
Fluorene	mg/kg	0.044	0.65	0.66	0.56	0.53	78	73	25-135	5	20		
Indeno(1,2,3-cd)pyrene	mg/kg	0.30	0.65	0.66	0.81	0.73	77	65	18-133	10	20		
Naphthalene	mg/kg	0.012	0.65	0.66	0.50	0.48	75	71	11-130	4	20		
Phenanthrene	mg/kg	0.74	0.65	0.66	1.4	1.4	106	108	11-147	1	20		
Pyrene	mg/kg	1.2	0.65	0.66	2.2	2.1	148	136	11-154	3	20		
2-Fluorobiphenyl (S)	%						64	62	16-93				
p-Terphenyl-d14 (S)	%						82	75	19-115				

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

QC Batch: 786004

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50370968002, 50370968003, 50370968004

SAMPLE DUPLICATE: 3595935

Parameter	Units	50371021001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	2.7	2.9	8	10	N2

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

QC Batch: 786008

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50370968005, 50370968006, 50370968007, 50370968008, 50370968009, 50370968010, 50370968011

SAMPLE DUPLICATE: 3595943

Parameter	Units	50370458005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	23.6	24.4	4	10	N2

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QUALIFIERS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1d Neither matrix spike nor matrix precision data could be provided for this analytical batch due to insufficient sample volume.

M3 Matrix spike recovery was outside laboratory control limits due to matrix interferences.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

R1 RPD value was outside control limits.

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METHOD CROSS REFERENCE TABLE

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Parameter	Matrix	Analytical Method	Preparation Method
6010 MET ICP	Solid	SW-846 6010B	SW-846 3050B
8260 MSV 5035A VOA	Solid	SW-846 8260C	SW-846 5035A
8270 PAH Soil by SIM	Solid	SW-846 8270C	SW-846 3546

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: UPS Terre Haute UST Closure

Pace Project No.: 50370968

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50370968002	E-SW-01 (7')	EPA 3050	785906	EPA 6010	786140
50370968003	E-SW-02 (7')	EPA 3050	785906	EPA 6010	786140
50370968004	E-SW-03 (7')	EPA 3050	785906	EPA 6010	786140
50370968005	E-SW-04 (7')	EPA 3050	785906	EPA 6010	786140
50370968006	E-SW-05 (7')	EPA 3050	785906	EPA 6010	786140
50370968007	UNL-DSP-E (4')	EPA 3050	785906	EPA 6010	786140
50370968008	UNL-DSP/PL (3')	EPA 3050	785906	EPA 6010	786140
50370968009	DSL-DSP-E (3.5')	EPA 3050	785906	EPA 6010	786140
50370968010	DSL-DSP/PL (3')	EPA 3050	785906	EPA 6010	786140
50370968011	SO-DUP-03	EPA 3050	785906	EPA 6010	786140
50370968002	E-SW-01 (7')	EPA 3546	786090	EPA 8270 by SIM	786295
50370968003	E-SW-02 (7')	EPA 3546	786090	EPA 8270 by SIM	786295
50370968004	E-SW-03 (7')	EPA 3546	785763	EPA 8270 by SIM	785859
50370968005	E-SW-04 (7')	EPA 3546	785763	EPA 8270 by SIM	785859
50370968006	E-SW-05 (7')	EPA 3546	785763	EPA 8270 by SIM	785859
50370968007	UNL-DSP-E (4')	EPA 3546	785763	EPA 8270 by SIM	785859
50370968008	UNL-DSP/PL (3')	EPA 3546	785763	EPA 8270 by SIM	785859
50370968009	DSL-DSP-E (3.5')	EPA 3546	785763	EPA 8270 by SIM	785859
50370968010	DSL-DSP/PL (3')	EPA 3546	785763	EPA 8270 by SIM	785859
50370968011	SO-DUP-03	EPA 3546	785763	EPA 8270 by SIM	785859
50370968001	Trip Blank-02 (041824)	EPA 8260	786095		
50370968002	E-SW-01 (7')	EPA 8260	786095		
50370968003	E-SW-02 (7')	EPA 8260	786095		
50370968004	E-SW-03 (7')	EPA 8260	786093		
50370968005	E-SW-04 (7')	EPA 8260	786093		
50370968006	E-SW-05 (7')	EPA 8260	786095		
50370968007	UNL-DSP-E (4')	EPA 8260	786095		
50370968008	UNL-DSP/PL (3')	EPA 8260	786095		
50370968009	DSL-DSP-E (3.5')	EPA 8260	786098		
50370968010	DSL-DSP/PL (3')	EPA 8260	786098		
50370968011	SO-DUP-03	EPA 8260	786098		
50370968002	E-SW-01 (7')	SM 2540G	786004		
50370968003	E-SW-02 (7')	SM 2540G	786004		
50370968004	E-SW-03 (7')	SM 2540G	786004		
50370968005	E-SW-04 (7')	SM 2540G	786008		
50370968006	E-SW-05 (7')	SM 2540G	786008		
50370968007	UNL-DSP-E (4')	SM 2540G	786008		
50370968008	UNL-DSP/PL (3')	SM 2540G	786008		
50370968009	DSL-DSP-E (3.5')	SM 2540G	786008		
50370968010	DSL-DSP/PL (3')	SM 2540G	786008		
50370968011	SO-DUP-03	SM 2540G	786008		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here



Scan QR Code for instructions

Company Name: Arcadis U.S., Inc. - IN
Street Address: 55 Monument Circle, Indianapolis, IN 46204

Contact/Report To: Griggs, Bryant
Phone #: 317-557-9115
E-Mail: bryant.griggs@arcadis.com
Cc E-Mail:

Customer Project #:
Project Name: UPS Terre Haute UST Closure

Invoice To: *Stephen Vasas*
Invoice E-Mail:

Site Collection Info/Facility ID (as applicable):
*5546 E. Margaret Dr.
Terre Haute, IN*

Purchase Order # (if applicable):
Quote #:

Time Zone Collected: [] AK [] PT [] MT [] CT [] ET

County / State origin of sample(s): Indiana

Data Deliverables:
 Level II [] Level III [] Level IV
 EQUIS
 Other

Regulatory Program (DW, RCRA, etc.) as applicable: *IDEM UST* Reportable Yes [] No
Rush (Pre-approval required):
[] Same Day [] 1 Day [] 2 Day 3 Day [] Other _____
Date Results Requested: **3-day RUSH** Field Filtered (if applicable): [] Yes No
Analysis:

*Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine	
			Date	Time	Date	Time		Results	Units
<i>SO-DUP-03</i>	<i>SS</i>	<i>G</i>			<i>4/18/2024</i>	<i>--</i>	<i>5</i>		
<i>B6 4/19/2024</i>									

Specify Container Size **
8 8 10 10

Identify Container Preservative Type***
1 1 1 1

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Proj. Mgr:
Will Statz

AcctNum / Client ID:

Table #:

Profile / Template:
6293-1

Prelog / Bottle Ord. ID:
1173843

Sample Comment
011

Additional Instructions from Pace*:
VOC by 8260/5035 has a short hold time of 48 Hours

Collected By: (Printed Name) *Bryant Griggs*
Signature: *[Signature]*

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: *1* Thermometer ID: *E* Correction Factor (°C): *-0.1* Obs. Temp. (°C) Corrected Temp. (°C) On Ice: *Y*

Relinquished by/Company: (Signature) *[Signature]* Date/Time: *4/18/2024 / 1427*

Received by/Company: (Signature) *[Signature]* Date/Time: *4-18-24 14:27*

Tracking Number:

Relinquished by/Company: (Signature) Date/Time:

Received by/Company: (Signature) Date/Time:

Delivered by: In-Person [] Courier

Relinquished by/Company: (Signature) Date/Time:

Received by/Company: (Signature) Date/Time:

[*] FedEx [] UPS [] Other

Relinquished by/Company: (Signature) Date/Time:

Received by/Company: (Signature) Date/Time:

Page: *2* of *2*



SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: BC 4-18-24 15:21

1. Courier: FED EX UPS CLIENT PACE NOW/JETT OTHER _____
2. Custody Seal on Cooler/Box Present: Yes No
 (If yes)Seals Intact: Yes No (leave blank if no seals were present)
3. Thermometer: 1 2 3 4 5 6 7 8 A B C D E F G H
4. Cooler Temperature(s): 1.6/1.5
 (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. Packing Material: Bubble Wrap Bubble Bags
 None Other _____
6. Ice Type: Wet Blue None
7. If temp. is over 6°C or under 0°C, was the PM notified?: Yes No
 Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR,CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		<input checked="" type="checkbox"/>	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.			
Short Hold Time Analysis (48 hours or less)? Analysis: <u>DI TC</u>	<input checked="" type="checkbox"/>		Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form			<input checked="" type="checkbox"/>
Time 5035A TC placed in Freezer or Short Holds To Lab Time: <u>15:45</u>			Residual Chlorine Check (SVOC 625 Pest/PCB 608)	<u>Present</u>	<u>Absent</u>	<u>N/A</u>
Rush TAT Requested (4 days or less):		<input checked="" type="checkbox"/>	Residual Chlorine Check (Total/Amenable/Free Cyanide)			<input checked="" type="checkbox"/>
Custody Signatures Present?	<input checked="" type="checkbox"/>		Headspace Wisconsin Sulfide?			<input checked="" type="checkbox"/>
Containers Intact?:	<input checked="" type="checkbox"/>		Headspace in VOA Vials (>6mm): See Containter Count form for details	<u>Present</u>	<u>Absent</u>	<u>No VOA Vials Sent</u>
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID			Trip Blank Present?	<input checked="" type="checkbox"/>		
Extra labels on Terracore Vials? (soils only)		<input checked="" type="checkbox"/>	Trip Blank Custody Seals?:	<input checked="" type="checkbox"/>		

COMMENTS:

April 24, 2024

Mr. Stephen Vasas
Arcadis
55 Monument Circle
Suite 300B
Indianapolis, IN 46204

RE: Project: UPS Terre Haute UST Close
Pace Project No.: 50371008

Dear Mr. Vasas:

Enclosed are the analytical results for sample(s) received by the laboratory on April 18, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Will Statz
will.statz@pacelabs.com
(317)228-3105
Project Manager

Enclosures

cc: Mr. Bryant Griggs, Arcadis U.S., Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Washington Dept of Ecology #: C1081

Wisconsin Laboratory #: 999788130

USDA Foreign Soil Permit #: 525-23-13-23119

USDA Compliance Agreement #: IN-SL-22-001

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SAMPLE SUMMARY

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50371008001	Tank Pit Water	Water	04/17/24 15:30	04/18/24 14:27
50371008002	WT-DUP-01 (041728)	Water	04/17/24 08:00	04/18/24 14:27
50371008003	WT-Trip Blank	Water	04/17/24 08:00	04/18/24 14:27

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SAMPLE ANALYTE COUNT

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50371008001	Tank Pit Water	EPA 8011	BJW	3	PASI-I
		EPA 6010	ELK	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 5030/8260	TMW	72	PASI-I
50371008002	WT-DUP-01 (041728)	EPA 8011	BJW	3	PASI-I
		EPA 6010	ELK	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 5030/8260	TMW	72	PASI-I
50371008003	WT-Trip Blank	EPA 5030/8260	TMW	72	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

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SUMMARY OF DETECTION

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50371008001	Tank Pit Water					
EPA 8270 by SIM 40E	1-Methylnaphthalene	4.0	ug/L	1.0	04/22/24 21:32	
EPA 8270 by SIM 40E	2-Methylnaphthalene	4.8	ug/L	1.0	04/22/24 21:32	
EPA 8270 by SIM 40E	Naphthalene	3.2	ug/L	1.0	04/22/24 21:32	
EPA 5030/8260	Benzene	33.2	ug/L	5.0	04/24/24 11:35	
EPA 5030/8260	Ethylbenzene	11.1	ug/L	5.0	04/24/24 11:35	
EPA 5030/8260	Toluene	79.4	ug/L	5.0	04/24/24 11:35	
EPA 5030/8260	1,2,4-Trimethylbenzene	16.0	ug/L	5.0	04/24/24 11:35	
EPA 5030/8260	Xylene (Total)	65.8	ug/L	10.0	04/24/24 11:35	
50371008002	WT-DUP-01 (041728)					
EPA 6010	Lead	14.4	ug/L	10.0	04/22/24 14:37	
EPA 8270 by SIM 40E	1-Methylnaphthalene	3.5	ug/L	1.0	04/22/24 22:04	
EPA 8270 by SIM 40E	2-Methylnaphthalene	1.7	ug/L	1.0	04/22/24 22:04	
EPA 5030/8260	Benzene	31.9	ug/L	5.0	04/24/24 11:50	
EPA 5030/8260	Ethylbenzene	10.9	ug/L	5.0	04/24/24 11:50	
EPA 5030/8260	Toluene	76.6	ug/L	5.0	04/24/24 11:50	
EPA 5030/8260	1,2,4-Trimethylbenzene	15.2	ug/L	5.0	04/24/24 11:50	
EPA 5030/8260	Xylene (Total)	63.2	ug/L	10.0	04/24/24 11:50	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

Sample: Tank Pit Water	Lab ID: 50371008001	Collected: 04/17/24 15:30	Received: 04/18/24 14:27	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP								
Analytical Method: EPA 8011 Preparation Method: EPA 8011								
Pace Analytical Services - Indianapolis								
1,2-Dibromo-3-chloropropane	ND	ug/L	0.033	1	04/19/24 13:47	04/22/24 13:37	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	0.033	1	04/19/24 13:47	04/22/24 13:37	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	115	%.	50-150	1	04/19/24 13:47	04/22/24 13:37	460-00-4	
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Pace Analytical Services - Indianapolis								
Lead	ND	ug/L	10.0	1	04/20/24 07:20	04/22/24 14:35	7439-92-1	
8270 PAH by 3511								
Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511								
Pace Analytical Services - Indianapolis								
Acenaphthene	ND	ug/L	1.0	1	04/19/24 18:40	04/22/24 21:32	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/19/24 18:40	04/22/24 21:32	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/19/24 18:40	04/22/24 21:32	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/19/24 18:40	04/22/24 21:32	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/19/24 18:40	04/22/24 21:32	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/19/24 18:40	04/22/24 21:32	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/19/24 18:40	04/22/24 21:32	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/19/24 18:40	04/22/24 21:32	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/19/24 18:40	04/22/24 21:32	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/19/24 18:40	04/22/24 21:32	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/19/24 18:40	04/22/24 21:32	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/19/24 18:40	04/22/24 21:32	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/19/24 18:40	04/22/24 21:32	193-39-5	
1-Methylnaphthalene	4.0	ug/L	1.0	1	04/19/24 18:40	04/22/24 21:32	90-12-0	
2-Methylnaphthalene	4.8	ug/L	1.0	1	04/19/24 18:40	04/22/24 21:32	91-57-6	
Naphthalene	3.2	ug/L	1.0	1	04/19/24 18:40	04/22/24 21:32	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/19/24 18:40	04/22/24 21:32	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/19/24 18:40	04/22/24 21:32	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	72	%.	43-129	1	04/19/24 18:40	04/22/24 21:32	321-60-8	
p-Terphenyl-d14 (S)	113	%.	64-162	1	04/19/24 18:40	04/22/24 21:32	1718-51-0	
8260 MSV Indiana								
Analytical Method: EPA 5030/8260								
Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	100	1		04/24/24 11:35	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/24/24 11:35	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/24/24 11:35	107-13-1	
Benzene	33.2	ug/L	5.0	1		04/24/24 11:35	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/24/24 11:35	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/24/24 11:35	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/24/24 11:35	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/24/24 11:35	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/24/24 11:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/24/24 11:35	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/24/24 11:35	104-51-8	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

Sample: Tank Pit Water	Lab ID: 50371008001	Collected: 04/17/24 15:30	Received: 04/18/24 14:27	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260						
		Pace Analytical Services - Indianapolis						
sec-Butylbenzene	ND	ug/L	5.0	1		04/24/24 11:35	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/24/24 11:35	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/24/24 11:35	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/24/24 11:35	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/24/24 11:35	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/24/24 11:35	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/24/24 11:35	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/24/24 11:35	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/24/24 11:35	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/24/24 11:35	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/24/24 11:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/24/24 11:35	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/24/24 11:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/24/24 11:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/24/24 11:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/24/24 11:35	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/24/24 11:35	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/24/24 11:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/24/24 11:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/24/24 11:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/24/24 11:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/24/24 11:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/24/24 11:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/24/24 11:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/24/24 11:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/24/24 11:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/24/24 11:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/24/24 11:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/24/24 11:35	10061-02-6	
Ethylbenzene	11.1	ug/L	5.0	1		04/24/24 11:35	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/24/24 11:35	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/24/24 11:35	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/24/24 11:35	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/24/24 11:35	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/24/24 11:35	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/24/24 11:35	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/24/24 11:35	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/24/24 11:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/24/24 11:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/24/24 11:35	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/24/24 11:35	103-65-1	
Styrene	ND	ug/L	5.0	1		04/24/24 11:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/24/24 11:35	630-20-6	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/24/24 11:35	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/24/24 11:35	127-18-4	
Toluene	79.4	ug/L	5.0	1		04/24/24 11:35	108-88-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

Sample: Tank Pit Water		Lab ID: 50371008001	Collected: 04/17/24 15:30	Received: 04/18/24 14:27	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/24/24 11:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/24/24 11:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/24/24 11:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/24/24 11:35	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/24/24 11:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/24/24 11:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/24/24 11:35	96-18-4	
1,2,4-Trimethylbenzene	16.0	ug/L	5.0	1		04/24/24 11:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/24/24 11:35	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/24/24 11:35	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/24/24 11:35	75-01-4	
Xylene (Total)	65.8	ug/L	10.0	1		04/24/24 11:35	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	82-128	1		04/24/24 11:35	1868-53-7	
4-Bromofluorobenzene (S)	101	%.	79-124	1		04/24/24 11:35	460-00-4	
Toluene-d8 (S)	100	%.	73-122	1		04/24/24 11:35	2037-26-5	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

Sample: WT-DUP-01 (041728)	Lab ID: 50371008002	Collected: 04/17/24 08:00	Received: 04/18/24 14:27	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP								
Analytical Method: EPA 8011 Preparation Method: EPA 8011								
Pace Analytical Services - Indianapolis								
1,2-Dibromo-3-chloropropane	ND	ug/L	0.034	1	04/22/24 17:01	04/22/24 22:08	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	0.034	1	04/22/24 17:01	04/22/24 22:08	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	140	%.	50-150	1	04/22/24 17:01	04/22/24 22:08	460-00-4	
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Pace Analytical Services - Indianapolis								
Lead	14.4	ug/L	10.0	1	04/20/24 07:20	04/22/24 14:37	7439-92-1	
8270 PAH by 3511								
Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511								
Pace Analytical Services - Indianapolis								
Acenaphthene	ND	ug/L	1.0	1	04/22/24 12:28	04/22/24 22:04	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/22/24 12:28	04/22/24 22:04	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/22/24 12:28	04/22/24 22:04	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/22/24 12:28	04/22/24 22:04	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/22/24 12:28	04/22/24 22:04	50-32-8	L1
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/22/24 12:28	04/22/24 22:04	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/22/24 12:28	04/22/24 22:04	191-24-2	L1
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/22/24 12:28	04/22/24 22:04	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/22/24 12:28	04/22/24 22:04	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/22/24 12:28	04/22/24 22:04	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/22/24 12:28	04/22/24 22:04	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/22/24 12:28	04/22/24 22:04	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/22/24 12:28	04/22/24 22:04	193-39-5	L1
1-Methylnaphthalene	3.5	ug/L	1.0	1	04/22/24 12:28	04/22/24 22:04	90-12-0	
2-Methylnaphthalene	1.7	ug/L	1.0	1	04/22/24 12:28	04/22/24 22:04	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/22/24 12:28	04/22/24 22:04	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/22/24 12:28	04/22/24 22:04	85-01-8	L1
Pyrene	ND	ug/L	1.0	1	04/22/24 12:28	04/22/24 22:04	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	68	%.	43-129	1	04/22/24 12:28	04/22/24 22:04	321-60-8	
p-Terphenyl-d14 (S)	115	%.	64-162	1	04/22/24 12:28	04/22/24 22:04	1718-51-0	
8260 MSV Indiana								
Analytical Method: EPA 5030/8260								
Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	100	1		04/24/24 11:50	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/24/24 11:50	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/24/24 11:50	107-13-1	
Benzene	31.9	ug/L	5.0	1		04/24/24 11:50	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/24/24 11:50	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/24/24 11:50	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/24/24 11:50	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/24/24 11:50	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/24/24 11:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/24/24 11:50	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/24/24 11:50	104-51-8	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

Sample: WT-DUP-01 (041728)	Lab ID: 50371008002	Collected: 04/17/24 08:00	Received: 04/18/24 14:27	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260						
		Pace Analytical Services - Indianapolis						
sec-Butylbenzene	ND	ug/L	5.0	1		04/24/24 11:50	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/24/24 11:50	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/24/24 11:50	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/24/24 11:50	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/24/24 11:50	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/24/24 11:50	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/24/24 11:50	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/24/24 11:50	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/24/24 11:50	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/24/24 11:50	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/24/24 11:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/24/24 11:50	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/24/24 11:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/24/24 11:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/24/24 11:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/24/24 11:50	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/24/24 11:50	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/24/24 11:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/24/24 11:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/24/24 11:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/24/24 11:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/24/24 11:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/24/24 11:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/24/24 11:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/24/24 11:50	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/24/24 11:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/24/24 11:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/24/24 11:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/24/24 11:50	10061-02-6	
Ethylbenzene	10.9	ug/L	5.0	1		04/24/24 11:50	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/24/24 11:50	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/24/24 11:50	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/24/24 11:50	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/24/24 11:50	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/24/24 11:50	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/24/24 11:50	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/24/24 11:50	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/24/24 11:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/24/24 11:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/24/24 11:50	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/24/24 11:50	103-65-1	
Styrene	ND	ug/L	5.0	1		04/24/24 11:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/24/24 11:50	630-20-6	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/24/24 11:50	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/24/24 11:50	127-18-4	
Toluene	76.6	ug/L	5.0	1		04/24/24 11:50	108-88-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

Sample: WT-DUP-01 (041728) Lab ID: 50371008002 Collected: 04/17/24 08:00 Received: 04/18/24 14:27 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/24/24 11:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/24/24 11:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/24/24 11:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/24/24 11:50	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/24/24 11:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/24/24 11:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/24/24 11:50	96-18-4	
1,2,4-Trimethylbenzene	15.2	ug/L	5.0	1		04/24/24 11:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/24/24 11:50	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/24/24 11:50	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/24/24 11:50	75-01-4	
Xylene (Total)	63.2	ug/L	10.0	1		04/24/24 11:50	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	82-128	1		04/24/24 11:50	1868-53-7	
4-Bromofluorobenzene (S)	102	%.	79-124	1		04/24/24 11:50	460-00-4	
Toluene-d8 (S)	101	%.	73-122	1		04/24/24 11:50	2037-26-5	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

Sample: WT-Trip Blank	Lab ID: 50371008003	Collected: 04/17/24 08:00	Received: 04/18/24 14:27	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260						
		Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		04/23/24 15:36	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/23/24 15:36	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/23/24 15:36	107-13-1	
Benzene	ND	ug/L	5.0	1		04/23/24 15:36	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/23/24 15:36	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/23/24 15:36	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/23/24 15:36	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/23/24 15:36	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/23/24 15:36	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/23/24 15:36	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/23/24 15:36	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		04/23/24 15:36	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/23/24 15:36	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/23/24 15:36	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/23/24 15:36	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/23/24 15:36	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/23/24 15:36	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/23/24 15:36	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/23/24 15:36	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/23/24 15:36	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/23/24 15:36	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/23/24 15:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/23/24 15:36	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/23/24 15:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/23/24 15:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/23/24 15:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/23/24 15:36	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/23/24 15:36	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/23/24 15:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/23/24 15:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/23/24 15:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/23/24 15:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/23/24 15:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/23/24 15:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/23/24 15:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/23/24 15:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/23/24 15:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/23/24 15:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/23/24 15:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/23/24 15:36	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/23/24 15:36	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/23/24 15:36	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/23/24 15:36	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/23/24 15:36	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/23/24 15:36	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/23/24 15:36	74-88-4	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

Sample: WT-Trip Blank	Lab ID: 50371008003	Collected: 04/17/24 08:00	Received: 04/18/24 14:27	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260						
		Pace Analytical Services - Indianapolis						
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/23/24 15:36	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/23/24 15:36	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/23/24 15:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/23/24 15:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/23/24 15:36	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/23/24 15:36	103-65-1	
Styrene	ND	ug/L	5.0	1		04/23/24 15:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/23/24 15:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/23/24 15:36	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/23/24 15:36	127-18-4	
Toluene	ND	ug/L	5.0	1		04/23/24 15:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/23/24 15:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/23/24 15:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/23/24 15:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/23/24 15:36	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/23/24 15:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/23/24 15:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/23/24 15:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/23/24 15:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/23/24 15:36	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/23/24 15:36	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/23/24 15:36	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/23/24 15:36	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	82-128	1		04/23/24 15:36	1868-53-7	
4-Bromofluorobenzene (S)	104	%.	79-124	1		04/23/24 15:36	460-00-4	
Toluene-d8 (S)	101	%.	73-122	1		04/23/24 15:36	2037-26-5	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

QC Batch:	785819	Analysis Method:	EPA 8011
QC Batch Method:	EPA 8011	Analysis Description:	GCS 8011 EDB DBCP
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371008001

METHOD BLANK: 3594923 Matrix: Water

Associated Lab Samples: 50371008001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	ND	0.035	04/22/24 13:16	
1,2-Dibromoethane (EDB)	ug/L	ND	0.035	04/22/24 13:16	
4-Bromofluorobenzene (S)	%.	160	50-150	04/22/24 13:16	S3

LABORATORY CONTROL SAMPLE: 3594924

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.25	0.26	103	60-140	
1,2-Dibromoethane (EDB)	ug/L	0.25	0.26	104	60-140	
4-Bromofluorobenzene (S)	%.			120	50-150	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3594925 3594926

Parameter	Units	3594925		3594926		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50371008001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,2-Dibromo-3-chloropropane	ug/L	ND	0.24	0.24	0.23	0.27	94	110	60-140	16	20		
1,2-Dibromoethane (EDB)	ug/L	ND	0.24	0.24	0.26	0.32	109	133	60-140	20	20		
4-Bromofluorobenzene (S)	%.						108	125	50-150				

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

QC Batch:	786069	Analysis Method:	EPA 8011
QC Batch Method:	EPA 8011	Analysis Description:	GCS 8011 EDB DBCP
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371008002

METHOD BLANK: 3596157 Matrix: Water

Associated Lab Samples: 50371008002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	ND	0.035	04/22/24 19:12	
1,2-Dibromoethane (EDB)	ug/L	ND	0.035	04/22/24 19:12	
4-Bromofluorobenzene (S)	%.	154	50-150	04/22/24 19:12	S3

LABORATORY CONTROL SAMPLE: 3596158

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.25	0.34	135	60-140	
1,2-Dibromoethane (EDB)	ug/L	0.25	0.33	132	60-140	
4-Bromofluorobenzene (S)	%.			151	50-150	S0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3596159 3596160

Parameter	Units	40276965003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromo-3-chloropropane	ug/L	<0.016	0.24	0.25	0.28	0.24	118	98	60-140	16	20	
1,2-Dibromoethane (EDB)	ug/L	<0.019	0.24	0.25	0.28	0.24	117	97	60-140	16	20	
4-Bromofluorobenzene (S)	%.						140	109	50-150			

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

QC Batch:	785779	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3010	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371008001, 50371008002

METHOD BLANK: 3594751 Matrix: Water

Associated Lab Samples: 50371008001, 50371008002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	10.0	04/22/24 14:31	

LABORATORY CONTROL SAMPLE: 3594752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1000	980	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3594753 3594754

Parameter	Units	50370990001		3594754		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Lead	ug/L	ND	1000	1000	906	926	91	93	75-125	2	20

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

QC Batch: 786326

Analysis Method: EPA 5030/8260

QC Batch Method: EPA 5030/8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371008003

METHOD BLANK: 3597110

Matrix: Water

Associated Lab Samples: 50371008003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	04/23/24 13:34	
1,1,1-Trichloroethane	ug/L	ND	5.0	04/23/24 13:34	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	04/23/24 13:34	
1,1,2-Trichloroethane	ug/L	ND	5.0	04/23/24 13:34	
1,1-Dichloroethane	ug/L	ND	5.0	04/23/24 13:34	
1,1-Dichloroethene	ug/L	ND	5.0	04/23/24 13:34	
1,1-Dichloropropene	ug/L	ND	5.0	04/23/24 13:34	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	04/23/24 13:34	
1,2,3-Trichloropropane	ug/L	ND	5.0	04/23/24 13:34	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	04/23/24 13:34	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	04/23/24 13:34	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	04/23/24 13:34	
1,2-Dichlorobenzene	ug/L	ND	5.0	04/23/24 13:34	
1,2-Dichloroethane	ug/L	ND	5.0	04/23/24 13:34	
1,2-Dichloropropane	ug/L	ND	5.0	04/23/24 13:34	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	04/23/24 13:34	
1,3-Dichlorobenzene	ug/L	ND	5.0	04/23/24 13:34	
1,3-Dichloropropane	ug/L	ND	5.0	04/23/24 13:34	
1,4-Dichlorobenzene	ug/L	ND	5.0	04/23/24 13:34	
2,2-Dichloropropane	ug/L	ND	5.0	04/23/24 13:34	
2-Butanone (MEK)	ug/L	ND	25.0	04/23/24 13:34	
2-Chlorotoluene	ug/L	ND	5.0	04/23/24 13:34	
2-Hexanone	ug/L	ND	25.0	04/23/24 13:34	
4-Chlorotoluene	ug/L	ND	5.0	04/23/24 13:34	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	04/23/24 13:34	
Acetone	ug/L	ND	100	04/23/24 13:34	
Acrolein	ug/L	ND	50.0	04/23/24 13:34	
Acrylonitrile	ug/L	ND	100	04/23/24 13:34	
Benzene	ug/L	ND	5.0	04/23/24 13:34	
Bromobenzene	ug/L	ND	5.0	04/23/24 13:34	
Bromochloromethane	ug/L	ND	5.0	04/23/24 13:34	
Bromodichloromethane	ug/L	ND	5.0	04/23/24 13:34	
Bromoform	ug/L	ND	5.0	04/23/24 13:34	
Bromomethane	ug/L	ND	5.0	04/23/24 13:34	
Carbon disulfide	ug/L	ND	10.0	04/23/24 13:34	
Carbon tetrachloride	ug/L	ND	5.0	04/23/24 13:34	
Chlorobenzene	ug/L	ND	5.0	04/23/24 13:34	
Chloroethane	ug/L	ND	5.0	04/23/24 13:34	
Chloroform	ug/L	ND	5.0	04/23/24 13:34	
Chloromethane	ug/L	ND	5.0	04/23/24 13:34	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

METHOD BLANK: 3597110

Matrix: Water

Associated Lab Samples: 50371008003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	5.0	04/23/24 13:34	
cis-1,3-Dichloropropene	ug/L	ND	5.0	04/23/24 13:34	
Dibromochloromethane	ug/L	ND	5.0	04/23/24 13:34	
Dibromomethane	ug/L	ND	5.0	04/23/24 13:34	
Dichlorodifluoromethane	ug/L	ND	5.0	04/23/24 13:34	
Ethyl methacrylate	ug/L	ND	100	04/23/24 13:34	
Ethylbenzene	ug/L	ND	5.0	04/23/24 13:34	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	04/23/24 13:34	
Iodomethane	ug/L	ND	10.0	04/23/24 13:34	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	04/23/24 13:34	
Methyl-tert-butyl ether	ug/L	ND	4.0	04/23/24 13:34	
Methylene Chloride	ug/L	ND	5.0	04/23/24 13:34	
n-Butylbenzene	ug/L	ND	5.0	04/23/24 13:34	
n-Hexane	ug/L	ND	5.0	04/23/24 13:34	
n-Propylbenzene	ug/L	ND	5.0	04/23/24 13:34	
p-Isopropyltoluene	ug/L	ND	5.0	04/23/24 13:34	
sec-Butylbenzene	ug/L	ND	5.0	04/23/24 13:34	
Styrene	ug/L	ND	5.0	04/23/24 13:34	
tert-Butylbenzene	ug/L	ND	5.0	04/23/24 13:34	
Tetrachloroethene	ug/L	ND	5.0	04/23/24 13:34	
Toluene	ug/L	ND	5.0	04/23/24 13:34	
trans-1,2-Dichloroethene	ug/L	ND	5.0	04/23/24 13:34	
trans-1,3-Dichloropropene	ug/L	ND	5.0	04/23/24 13:34	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	04/23/24 13:34	
Trichloroethene	ug/L	ND	5.0	04/23/24 13:34	
Trichlorofluoromethane	ug/L	ND	5.0	04/23/24 13:34	
Vinyl acetate	ug/L	ND	50.0	04/23/24 13:34	
Vinyl chloride	ug/L	ND	2.0	04/23/24 13:34	
Xylene (Total)	ug/L	ND	10.0	04/23/24 13:34	
4-Bromofluorobenzene (S)	%	104	79-124	04/23/24 13:34	
Dibromofluoromethane (S)	%	101	82-128	04/23/24 13:34	1d
Toluene-d8 (S)	%	101	73-122	04/23/24 13:34	

LABORATORY CONTROL SAMPLE: 3597111

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	40.9	82	71-126	
1,1,2,2-Tetrachloroethane	ug/L	50	44.1	88	70-126	
1,1-Dichloroethene	ug/L	50	41.6	83	71-130	
1,2,4-Trimethylbenzene	ug/L	50	41.6	83	69-120	
1,2-Dibromoethane (EDB)	ug/L	50	45.1	90	80-120	
1,2-Dichloroethane	ug/L	50	43.4	87	72-123	
1,2-Dichloropropane	ug/L	50	44.8	90	76-125	
1,3,5-Trimethylbenzene	ug/L	50	41.2	82	71-120	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

LABORATORY CONTROL SAMPLE: 3597111

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	42.9	86	76-122	
Chlorobenzene	ug/L	50	42.1	84	76-118	
Chloroform	ug/L	50	42.8	86	78-121	
cis-1,2-Dichloroethene	ug/L	50	43.6	87	77-123	
Ethylbenzene	ug/L	50	42.8	86	76-120	
Isopropylbenzene (Cumene)	ug/L	50	42.5	85	71-124	
Methyl-tert-butyl ether	ug/L	50	42.7	85	71-121	
n-Hexane	ug/L	50	36.7	73	51-126	
Tetrachloroethene	ug/L	50	40.5	81	71-122	
Toluene	ug/L	50	42.0	84	74-118	
trans-1,2-Dichloroethene	ug/L	50	43.2	86	75-122	
Trichloroethene	ug/L	50	42.4	85	74-125	
Vinyl chloride	ug/L	50	51.2	102	55-139	
Xylene (Total)	ug/L	150	125	84	73-119	
4-Bromofluorobenzene (S)	%			102	79-124	
Dibromofluoromethane (S)	%			102	82-128	
Toluene-d8 (S)	%			102	73-122	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

QC Batch: 786328

Analysis Method: EPA 5030/8260

QC Batch Method: EPA 5030/8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371008002

METHOD BLANK: 3597114

Matrix: Water

Associated Lab Samples: 50371008002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	04/24/24 01:43	
1,1,1-Trichloroethane	ug/L	ND	5.0	04/24/24 01:43	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	04/24/24 01:43	
1,1,2-Trichloroethane	ug/L	ND	5.0	04/24/24 01:43	
1,1-Dichloroethane	ug/L	ND	5.0	04/24/24 01:43	
1,1-Dichloroethene	ug/L	ND	5.0	04/24/24 01:43	
1,1-Dichloropropene	ug/L	ND	5.0	04/24/24 01:43	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	04/24/24 01:43	
1,2,3-Trichloropropane	ug/L	ND	5.0	04/24/24 01:43	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	04/24/24 01:43	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	04/24/24 01:43	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	04/24/24 01:43	
1,2-Dichlorobenzene	ug/L	ND	5.0	04/24/24 01:43	
1,2-Dichloroethane	ug/L	ND	5.0	04/24/24 01:43	
1,2-Dichloropropane	ug/L	ND	5.0	04/24/24 01:43	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	04/24/24 01:43	
1,3-Dichlorobenzene	ug/L	ND	5.0	04/24/24 01:43	
1,3-Dichloropropane	ug/L	ND	5.0	04/24/24 01:43	
1,4-Dichlorobenzene	ug/L	ND	5.0	04/24/24 01:43	
2,2-Dichloropropane	ug/L	ND	5.0	04/24/24 01:43	
2-Butanone (MEK)	ug/L	ND	25.0	04/24/24 01:43	
2-Chlorotoluene	ug/L	ND	5.0	04/24/24 01:43	
2-Hexanone	ug/L	ND	25.0	04/24/24 01:43	
4-Chlorotoluene	ug/L	ND	5.0	04/24/24 01:43	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	04/24/24 01:43	
Acetone	ug/L	ND	100	04/24/24 01:43	
Acrolein	ug/L	ND	50.0	04/24/24 01:43	
Acrylonitrile	ug/L	ND	100	04/24/24 01:43	
Benzene	ug/L	ND	5.0	04/24/24 01:43	
Bromobenzene	ug/L	ND	5.0	04/24/24 01:43	
Bromochloromethane	ug/L	ND	5.0	04/24/24 01:43	
Bromodichloromethane	ug/L	ND	5.0	04/24/24 01:43	
Bromoform	ug/L	ND	5.0	04/24/24 01:43	
Bromomethane	ug/L	ND	5.0	04/24/24 01:43	
Carbon disulfide	ug/L	ND	10.0	04/24/24 01:43	
Carbon tetrachloride	ug/L	ND	5.0	04/24/24 01:43	
Chlorobenzene	ug/L	ND	5.0	04/24/24 01:43	
Chloroethane	ug/L	ND	5.0	04/24/24 01:43	
Chloroform	ug/L	ND	5.0	04/24/24 01:43	
Chloromethane	ug/L	ND	5.0	04/24/24 01:43	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Close
Pace Project No.: 50371008

METHOD BLANK: 3597114 Matrix: Water
Associated Lab Samples: 50371008002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	5.0	04/24/24 01:43	
cis-1,3-Dichloropropene	ug/L	ND	5.0	04/24/24 01:43	
Dibromochloromethane	ug/L	ND	5.0	04/24/24 01:43	
Dibromomethane	ug/L	ND	5.0	04/24/24 01:43	
Dichlorodifluoromethane	ug/L	ND	5.0	04/24/24 01:43	
Ethyl methacrylate	ug/L	ND	100	04/24/24 01:43	
Ethylbenzene	ug/L	ND	5.0	04/24/24 01:43	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	04/24/24 01:43	
Iodomethane	ug/L	ND	10.0	04/24/24 01:43	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	04/24/24 01:43	
Methyl-tert-butyl ether	ug/L	ND	4.0	04/24/24 01:43	
Methylene Chloride	ug/L	ND	5.0	04/24/24 01:43	
n-Butylbenzene	ug/L	ND	5.0	04/24/24 01:43	
n-Hexane	ug/L	ND	5.0	04/24/24 01:43	
n-Propylbenzene	ug/L	ND	5.0	04/24/24 01:43	
p-Isopropyltoluene	ug/L	ND	5.0	04/24/24 01:43	
sec-Butylbenzene	ug/L	ND	5.0	04/24/24 01:43	
Styrene	ug/L	ND	5.0	04/24/24 01:43	
tert-Butylbenzene	ug/L	ND	5.0	04/24/24 01:43	
Tetrachloroethene	ug/L	ND	5.0	04/24/24 01:43	
Toluene	ug/L	ND	5.0	04/24/24 01:43	
trans-1,2-Dichloroethene	ug/L	ND	5.0	04/24/24 01:43	
trans-1,3-Dichloropropene	ug/L	ND	5.0	04/24/24 01:43	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	04/24/24 01:43	
Trichloroethene	ug/L	ND	5.0	04/24/24 01:43	
Trichlorofluoromethane	ug/L	ND	5.0	04/24/24 01:43	
Vinyl acetate	ug/L	ND	50.0	04/24/24 01:43	
Vinyl chloride	ug/L	ND	2.0	04/24/24 01:43	
Xylene (Total)	ug/L	ND	10.0	04/24/24 01:43	
4-Bromofluorobenzene (S)	%	103	79-124	04/24/24 01:43	
Dibromofluoromethane (S)	%	101	82-128	04/24/24 01:43	1d
Toluene-d8 (S)	%	101	73-122	04/24/24 01:43	

LABORATORY CONTROL SAMPLE: 3597115

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	39.1	78	71-126	
1,1,2,2-Tetrachloroethane	ug/L	50	42.3	85	70-126	
1,1-Dichloroethene	ug/L	50	39.5	79	71-130	
1,2,4-Trimethylbenzene	ug/L	50	38.9	78	69-120	
1,2-Dibromoethane (EDB)	ug/L	50	42.4	85	80-120	
1,2-Dichloroethane	ug/L	50	41.1	82	72-123	
1,2-Dichloropropane	ug/L	50	44.0	88	76-125	
1,3,5-Trimethylbenzene	ug/L	50	38.5	77	71-120	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

LABORATORY CONTROL SAMPLE: 3597115

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	41.7	83	76-122	
Chlorobenzene	ug/L	50	41.4	83	76-118	
Chloroform	ug/L	50	41.8	84	78-121	
cis-1,2-Dichloroethene	ug/L	50	42.5	85	77-123	
Ethylbenzene	ug/L	50	41.3	83	76-120	
Isopropylbenzene (Cumene)	ug/L	50	40.5	81	71-124	
Methyl-tert-butyl ether	ug/L	50	40.1	80	71-121	
n-Hexane	ug/L	50	36.4	73	51-126	
Tetrachloroethene	ug/L	50	39.0	78	71-122	
Toluene	ug/L	50	41.3	83	74-118	
trans-1,2-Dichloroethene	ug/L	50	41.7	83	75-122	
Trichloroethene	ug/L	50	40.3	81	74-125	
Vinyl chloride	ug/L	50	49.4	99	55-139	
Xylene (Total)	ug/L	150	119	79	73-119	
4-Bromofluorobenzene (S)	%			102	79-124	
Dibromofluoromethane (S)	%			101	82-128	
Toluene-d8 (S)	%			102	73-122	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

QC Batch: 786333

Analysis Method: EPA 5030/8260

QC Batch Method: EPA 5030/8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371008001

METHOD BLANK: 3597135

Matrix: Water

Associated Lab Samples: 50371008001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	04/24/24 01:58	
1,1,1-Trichloroethane	ug/L	ND	5.0	04/24/24 01:58	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	04/24/24 01:58	
1,1,2-Trichloroethane	ug/L	ND	5.0	04/24/24 01:58	
1,1-Dichloroethane	ug/L	ND	5.0	04/24/24 01:58	
1,1-Dichloroethene	ug/L	ND	5.0	04/24/24 01:58	
1,1-Dichloropropene	ug/L	ND	5.0	04/24/24 01:58	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	04/24/24 01:58	
1,2,3-Trichloropropane	ug/L	ND	5.0	04/24/24 01:58	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	04/24/24 01:58	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	04/24/24 01:58	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	04/24/24 01:58	
1,2-Dichlorobenzene	ug/L	ND	5.0	04/24/24 01:58	
1,2-Dichloroethane	ug/L	ND	5.0	04/24/24 01:58	
1,2-Dichloropropane	ug/L	ND	5.0	04/24/24 01:58	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	04/24/24 01:58	
1,3-Dichlorobenzene	ug/L	ND	5.0	04/24/24 01:58	
1,3-Dichloropropane	ug/L	ND	5.0	04/24/24 01:58	
1,4-Dichlorobenzene	ug/L	ND	5.0	04/24/24 01:58	
2,2-Dichloropropane	ug/L	ND	5.0	04/24/24 01:58	
2-Butanone (MEK)	ug/L	ND	25.0	04/24/24 01:58	
2-Chlorotoluene	ug/L	ND	5.0	04/24/24 01:58	
2-Hexanone	ug/L	ND	25.0	04/24/24 01:58	
4-Chlorotoluene	ug/L	ND	5.0	04/24/24 01:58	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	04/24/24 01:58	
Acetone	ug/L	ND	100	04/24/24 01:58	
Acrolein	ug/L	ND	50.0	04/24/24 01:58	
Acrylonitrile	ug/L	ND	100	04/24/24 01:58	
Benzene	ug/L	ND	5.0	04/24/24 01:58	
Bromobenzene	ug/L	ND	5.0	04/24/24 01:58	
Bromochloromethane	ug/L	ND	5.0	04/24/24 01:58	
Bromodichloromethane	ug/L	ND	5.0	04/24/24 01:58	
Bromoform	ug/L	ND	5.0	04/24/24 01:58	
Bromomethane	ug/L	ND	5.0	04/24/24 01:58	
Carbon disulfide	ug/L	ND	10.0	04/24/24 01:58	
Carbon tetrachloride	ug/L	ND	5.0	04/24/24 01:58	
Chlorobenzene	ug/L	ND	5.0	04/24/24 01:58	
Chloroethane	ug/L	ND	5.0	04/24/24 01:58	
Chloroform	ug/L	ND	5.0	04/24/24 01:58	
Chloromethane	ug/L	ND	5.0	04/24/24 01:58	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

METHOD BLANK: 3597135

Matrix: Water

Associated Lab Samples: 50371008001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	5.0	04/24/24 01:58	
cis-1,3-Dichloropropene	ug/L	ND	5.0	04/24/24 01:58	
Dibromochloromethane	ug/L	ND	5.0	04/24/24 01:58	
Dibromomethane	ug/L	ND	5.0	04/24/24 01:58	
Dichlorodifluoromethane	ug/L	ND	5.0	04/24/24 01:58	
Ethyl methacrylate	ug/L	ND	100	04/24/24 01:58	
Ethylbenzene	ug/L	ND	5.0	04/24/24 01:58	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	04/24/24 01:58	
Iodomethane	ug/L	ND	10.0	04/24/24 01:58	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	04/24/24 01:58	
Methyl-tert-butyl ether	ug/L	ND	4.0	04/24/24 01:58	
Methylene Chloride	ug/L	ND	5.0	04/24/24 01:58	
n-Butylbenzene	ug/L	ND	5.0	04/24/24 01:58	
n-Hexane	ug/L	ND	5.0	04/24/24 01:58	
n-Propylbenzene	ug/L	ND	5.0	04/24/24 01:58	
p-Isopropyltoluene	ug/L	ND	5.0	04/24/24 01:58	
sec-Butylbenzene	ug/L	ND	5.0	04/24/24 01:58	
Styrene	ug/L	ND	5.0	04/24/24 01:58	
tert-Butylbenzene	ug/L	ND	5.0	04/24/24 01:58	
Tetrachloroethene	ug/L	ND	5.0	04/24/24 01:58	
Toluene	ug/L	ND	5.0	04/24/24 01:58	
trans-1,2-Dichloroethene	ug/L	ND	5.0	04/24/24 01:58	
trans-1,3-Dichloropropene	ug/L	ND	5.0	04/24/24 01:58	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	04/24/24 01:58	
Trichloroethene	ug/L	ND	5.0	04/24/24 01:58	
Trichlorofluoromethane	ug/L	ND	5.0	04/24/24 01:58	
Vinyl acetate	ug/L	ND	50.0	04/24/24 01:58	
Vinyl chloride	ug/L	ND	2.0	04/24/24 01:58	
Xylene (Total)	ug/L	ND	10.0	04/24/24 01:58	
4-Bromofluorobenzene (S)	%	103	79-124	04/24/24 01:58	
Dibromofluoromethane (S)	%	102	82-128	04/24/24 01:58	
Toluene-d8 (S)	%	101	73-122	04/24/24 01:58	

LABORATORY CONTROL SAMPLE: 3597136

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.9	90	81-130	
1,1,1-Trichloroethane	ug/L	50	44.0	88	71-126	
1,1,2,2-Tetrachloroethane	ug/L	50	49.4	99	70-126	
1,1,2-Trichloroethane	ug/L	50	49.3	99	79-125	
1,1-Dichloroethane	ug/L	50	47.4	95	79-120	
1,1-Dichloroethene	ug/L	50	44.7	89	71-130	
1,1-Dichloropropene	ug/L	50	49.0	98	78-144	
1,2,3-Trichlorobenzene	ug/L	50	45.0	90	57-146	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

LABORATORY CONTROL SAMPLE: 3597136

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	50	48.6	97	74-127	
1,2,4-Trichlorobenzene	ug/L	50	41.9	84	62-136	
1,2,4-Trimethylbenzene	ug/L	50	43.4	87	69-120	
1,2-Dibromoethane (EDB)	ug/L	50	48.9	98	80-120	
1,2-Dichlorobenzene	ug/L	50	45.6	91	79-123	
1,2-Dichloroethane	ug/L	50	47.9	96	72-123	
1,2-Dichloropropane	ug/L	50	48.4	97	76-125	
1,3,5-Trimethylbenzene	ug/L	50	42.9	86	71-120	
1,3-Dichlorobenzene	ug/L	50	44.9	90	78-117	
1,3-Dichloropropane	ug/L	50	49.9	100	77-126	
1,4-Dichlorobenzene	ug/L	50	45.5	91	79-116	
2,2-Dichloropropane	ug/L	50	42.7	85	48-138	
2-Butanone (MEK)	ug/L	250	260	104	67-135	
2-Chlorotoluene	ug/L	50	44.5	89	75-122	
2-Hexanone	ug/L	250	255	102	65-135	
4-Chlorotoluene	ug/L	50	44.5	89	77-120	
4-Methyl-2-pentanone (MIBK)	ug/L	250	261	104	69-136	
Acetone	ug/L	250	255	102	34-156	
Acrolein	ug/L	1000	1100	110	59-191	
Acrylonitrile	ug/L	250	256	103	67-146	
Benzene	ug/L	50	47.4	95	76-122	
Bromobenzene	ug/L	50	46.8	94	75-121	
Bromochloromethane	ug/L	50	48.8	98	73-119	
Bromodichloromethane	ug/L	50	47.6	95	80-126	
Bromoform	ug/L	50	44.2	88	77-124	
Bromomethane	ug/L	50	65.5	131	10-175	
Carbon disulfide	ug/L	50	43.0	86	69-121	
Carbon tetrachloride	ug/L	50	42.2	84	73-127	
Chlorobenzene	ug/L	50	46.3	93	76-118	
Chloroethane	ug/L	50	53.8	108	36-162	
Chloroform	ug/L	50	47.1	94	78-121	
Chloromethane	ug/L	50	54.3	109	37-143	
cis-1,2-Dichloroethene	ug/L	50	48.0	96	77-123	
cis-1,3-Dichloropropene	ug/L	50	48.2	96	76-132	
Dibromochloromethane	ug/L	50	46.4	93	79-130	
Dibromomethane	ug/L	50	49.9	100	79-124	
Dichlorodifluoromethane	ug/L	50	36.1	72	29-126	
Ethyl methacrylate	ug/L	50	53.1J	106	78-137	
Ethylbenzene	ug/L	50	46.5	93	76-120	
Hexachloro-1,3-butadiene	ug/L	50	43.3	87	60-131	
Iodomethane	ug/L	50	45.4	91	10-148	
Isopropylbenzene (Cumene)	ug/L	50	45.5	91	71-124	
Methyl-tert-butyl ether	ug/L	50	47.0	94	71-121	
Methylene Chloride	ug/L	50	48.1	96	71-121	
n-Butylbenzene	ug/L	50	43.9	88	68-131	
n-Hexane	ug/L	50	40.7	81	51-126	
n-Propylbenzene	ug/L	50	45.2	90	67-127	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

LABORATORY CONTROL SAMPLE: 3597136

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/L	50	43.3	87	72-124	
sec-Butylbenzene	ug/L	50	45.6	91	71-126	
Styrene	ug/L	50	46.5	93	80-121	
tert-Butylbenzene	ug/L	50	44.0	88	71-128	
Tetrachloroethene	ug/L	50	43.9	88	71-122	
Toluene	ug/L	50	46.3	93	74-118	
trans-1,2-Dichloroethene	ug/L	50	46.8	94	75-122	
trans-1,3-Dichloropropene	ug/L	50	46.3	93	77-126	
trans-1,4-Dichloro-2-butene	ug/L	50	46.4J	93	53-136	
Trichloroethene	ug/L	50	45.4	91	74-125	
Trichlorofluoromethane	ug/L	50	50.2	100	64-138	
Vinyl acetate	ug/L	200	267	134	74-154	
Vinyl chloride	ug/L	50	55.5	111	55-139	
Xylene (Total)	ug/L	150	134	89	73-119	
4-Bromofluorobenzene (S)	%			101	79-124	
Dibromofluoromethane (S)	%			102	82-128	
Toluene-d8 (S)	%			102	73-122	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

QC Batch: 785653

Analysis Method: EPA 8270 by SIM 40E

QC Batch Method: EPA 3511

Analysis Description: 8270 Water PAH 40 by SIM MSSV

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371008001

METHOD BLANK: 3594027

Matrix: Water

Associated Lab Samples: 50371008001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	1.0	04/22/24 17:04	
2-Methylnaphthalene	ug/L	ND	1.0	04/22/24 17:04	
Acenaphthene	ug/L	ND	1.0	04/22/24 17:04	
Acenaphthylene	ug/L	ND	1.0	04/22/24 17:04	
Anthracene	ug/L	ND	0.10	04/22/24 17:04	
Benzo(a)anthracene	ug/L	ND	0.10	04/22/24 17:04	
Benzo(a)pyrene	ug/L	ND	0.10	04/22/24 17:04	
Benzo(b)fluoranthene	ug/L	ND	0.10	04/22/24 17:04	
Benzo(g,h,i)perylene	ug/L	ND	0.10	04/22/24 17:04	
Benzo(k)fluoranthene	ug/L	ND	0.10	04/22/24 17:04	
Chrysene	ug/L	ND	0.50	04/22/24 17:04	
Dibenz(a,h)anthracene	ug/L	ND	0.10	04/22/24 17:04	
Fluoranthene	ug/L	ND	1.0	04/22/24 17:04	
Fluorene	ug/L	ND	1.0	04/22/24 17:04	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	04/22/24 17:04	
Naphthalene	ug/L	ND	1.0	04/22/24 17:04	
Phenanthrene	ug/L	ND	1.0	04/22/24 17:04	
Pyrene	ug/L	ND	1.0	04/22/24 17:04	
2-Fluorobiphenyl (S)	%	87	43-129	04/22/24 17:04	
p-Terphenyl-d14 (S)	%	113	64-162	04/22/24 17:04	

LABORATORY CONTROL SAMPLE: 3594028

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	29.0	58	55-123	
2-Methylnaphthalene	ug/L	50	26.5	53	49-116	
Acenaphthene	ug/L	50	32.7	65	65-121	
Acenaphthylene	ug/L	50	36.2	72	57-131	
Anthracene	ug/L	50	34.4	69	45-133	
Benzo(a)anthracene	ug/L	50	49.0	98	74-147	
Benzo(a)pyrene	ug/L	50	56.7	113	79-132	
Benzo(b)fluoranthene	ug/L	50	53.4	107	80-157	
Benzo(g,h,i)perylene	ug/L	50	60.1	120	70-131	
Benzo(k)fluoranthene	ug/L	50	59.6	119	71-158	
Chrysene	ug/L	50	53.0	106	65-135	
Dibenz(a,h)anthracene	ug/L	50	65.3	131	75-141	
Fluoranthene	ug/L	50	54.5	109	85-139	
Fluorene	ug/L	50	40.3	81	74-129	
Indeno(1,2,3-cd)pyrene	ug/L	50	57.6	115	65-133	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

LABORATORY CONTROL SAMPLE: 3594028

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	50	29.8	60	60-114	
Phenanthrene	ug/L	50	49.1	98	82-128	
Pyrene	ug/L	50	48.8	98	70-145	
2-Fluorobiphenyl (S)	%			94	43-129	
p-Terphenyl-d14 (S)	%			103	64-162	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3594029 3594030

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50370816018 Result	Spike Conc.	Spike Conc.	Conc.								
1-Methylnaphthalene	ug/L	60.5	50	50	50	87.5	91.0	54	61	35-144	4	20	
2-Methylnaphthalene	ug/L	97.3	50	50	50	122	125	49	56	38-130	3	20	
Acenaphthene	ug/L	1.2	50	50	50	32.6	30.6	63	59	52-131	6	20	
Acenaphthylene	ug/L	ND	50	50	50	33.2	31.2	66	62	57-120	6	20	
Anthracene	ug/L	ND	50	50	50	29.4	29.8	59	60	43-123	2	20	
Benzo(a)anthracene	ug/L	ND	50	50	50	38.1	37.4	76	75	79-132	2	20	M1
Benzo(a)pyrene	ug/L	ND	50	50	50	41.5	40.1	83	80	75-125	3	20	
Benzo(b)fluoranthene	ug/L	ND	50	50	50	40.0	40.2	80	80	79-149	1	20	
Benzo(g,h,i)perylene	ug/L	ND	50	50	50	40.7	40.1	81	80	48-156	2	20	
Benzo(k)fluoranthene	ug/L	ND	50	50	50	43.7	42.0	87	84	81-150	4	20	
Chrysene	ug/L	ND	50	50	50	39.8	38.3	79	77	78-130	4	20	M1
Dibenz(a,h)anthracene	ug/L	ND	50	50	50	40.4	44.4	81	89	62-149	9	20	
Fluoranthene	ug/L	ND	50	50	50	40.2	41.4	80	83	74-141	3	20	
Fluorene	ug/L	2.4	50	50	50	38.1	37.1	72	70	56-145	3	20	
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	50	41.9	39.8	84	80	51-146	5	20	
Naphthalene	ug/L	162	50	50	50	184	181	45	38	31-147	2	20	
Phenanthrene	ug/L	2.8	50	50	50	41.1	42.6	77	80	77-130	3	20	
Pyrene	ug/L	ND	50	50	50	40.7	40.5	79	79	75-150	1	20	
2-Fluorobiphenyl (S)	%							82	72	43-129			
p-Terphenyl-d14 (S)	%							106	106	64-162			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3594031 3594032

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50370914026 Result	Spike Conc.	Spike Conc.	Conc.								
1-Methylnaphthalene	ug/L	<0.087	25	25	25	21.6	20.3	86	81	35-144	6	20	
2-Methylnaphthalene	ug/L	<0.098	25	25	25	19.4	18.3	77	73	38-130	6	20	
Acenaphthene	ug/L	<0.094	25	25	25	21.5	19.9	86	80	52-131	8	20	
Acenaphthylene	ug/L	<0.073	25	25	25	24.0	22.7	96	91	57-120	6	20	
Anthracene	ug/L	<0.081	25	25	25	19.9	19.8	80	79	43-123	1	20	
Benzo(a)anthracene	ug/L	<0.065	25	25	25	28.1	28.5	112	114	79-132	2	20	
Benzo(a)pyrene	ug/L	<0.070	25	25	25	31.5	31.3	126	125	75-125	1	20	M1
Benzo(b)fluoranthene	ug/L	<0.065	25	25	25	32.7	32.8	131	131	79-149	0	20	
Benzo(g,h,i)perylene	ug/L	<0.091	25	25	25	33.5	32.2	134	129	48-156	4	20	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

Parameter	Units	3594031		3594032		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50370914026 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Benzo(k)fluoranthene	ug/L	<0.068	25	25	32.1	32.3	128	129	81-150	1	20		
Chrysene	ug/L	<0.061	25	25	31.3	30.2	125	121	78-130	4	20		
Dibenz(a,h)anthracene	ug/L	<0.076	25	25	32.6	31.0	131	124	62-149	5	20		
Fluoranthene	ug/L	<0.074	25	25	31.5	31.5	126	126	74-141	0	20		
Fluorene	ug/L	<0.096	25	25	24.8	23.4	99	94	56-145	6	20		
Indeno(1,2,3-cd)pyrene	ug/L	<0.058	25	25	32.9	31.5	132	126	51-146	4	20		
Naphthalene	ug/L	<0.41	25	25	21.2	20.3	85	81	31-147	4	20		
Phenanthrene	ug/L	<0.10	25	25	28.4	28.2	114	113	77-130	1	20		
Pyrene	ug/L	<0.099	25	25	28.8	28.7	115	115	75-150	0	20		
2-Fluorobiphenyl (S)	%						79	76	43-129				
p-Terphenyl-d14 (S)	%						97	104	64-162				

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

QC Batch: 786007

Analysis Method: EPA 8270 by SIM 40E

QC Batch Method: EPA 3511

Analysis Description: 8270 Water PAH 40 by SIM MSSV

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371008002

METHOD BLANK: 3595941

Matrix: Water

Associated Lab Samples: 50371008002

Table with 6 columns: Parameter, Units, Blank Result, Reporting Limit, Analyzed, Qualifiers. Lists various PAH compounds and their detection results.

LABORATORY CONTROL SAMPLE: 3595942

Table with 7 columns: Parameter, Units, Spike Conc., LCS Result, LCS % Rec, % Rec Limits, Qualifiers. Shows spike recovery data for various PAH compounds.

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

LABORATORY CONTROL SAMPLE: 3595942

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	25	24.3	97	60-114	
Phenanthrene	ug/L	25	32.5	130	82-128	L1
Pyrene	ug/L	25	29.1	116	70-145	
2-Fluorobiphenyl (S)	%			72	43-129	
p-Terphenyl-d14 (S)	%			102	64-162	

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QUALIFIERS

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- | | |
|----|---|
| 1d | Neither matrix spike nor matrix precision data could be provided for this analytical batch due to insufficient sample volume. |
| L1 | Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high. |
| M1 | Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. |
| S0 | Surrogate recovery outside laboratory control limits. |
| S3 | Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample. |

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METHOD CROSS REFERENCE TABLE

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

Parameter	Matrix	Analytical Method	Preparation Method
6010 MET ICP	Water	SW-846 6010B	SW-846 3010A
8011 GCS EDB and DBCP	Water	SW-846 8011	SW-846 8011
8270 PAH by 3511	Water	SW-846 8270C	SW-846 3511

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: UPS Terre Haute UST Close

Pace Project No.: 50371008

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50371008001	Tank Pit Water	EPA 8011	785819	EPA 8011	786127
50371008002	WT-DUP-01 (041728)	EPA 8011	786069	EPA 8011	786238
50371008001	Tank Pit Water	EPA 3010	785779	EPA 6010	786047
50371008002	WT-DUP-01 (041728)	EPA 3010	785779	EPA 6010	786047
50371008001	Tank Pit Water	EPA 3511	785653	EPA 8270 by SIM 40E	786101
50371008002	WT-DUP-01 (041728)	EPA 3511	786007	EPA 8270 by SIM 40E	786112
50371008001	Tank Pit Water	EPA 5030/8260	786333		
50371008002	WT-DUP-01 (041728)	EPA 5030/8260	786328		
50371008003	WT-Trip Blank	EPA 5030/8260	786326		

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 50371008



50371008

Company Name: Arcadis U.S., Inc. - IN
 Street Address: 55 Monument Circle, Indianapolis, IN 46204
 Contact/Report To: Griggs, Bryant
 Phone #: 317-557-9115
 E-Mail: bryant.griggs@arcadis.com
 Cc E-Mail:
 Customer Project #:
 Project Name: UPS Terre Haute UST Closure
 Invoice To: Stephen Vasan
 Invoice E-Mail:
 Site Collection Info/Facility ID (as applicable):
 5546 E. Margaret Dr.
 Terre Haute, IN
 Purchase Order # (if applicable):
 Quote #:

Time Zone Collected: [] AK [] PT [] MT [] CT [X] ET
 County / State origin of sample(s): Indiana

Data Deliverables:
 Level II [] Level III [] Level IV
 EQUIS
 Other
 Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [] No
IOEM UST
 Rush (Pre-approval required):
 [] Same Day [] 1 Day [] 2 Day [X] 3 Day [] Other _____
 Date Results Requested: **3-day RUSH**
 Field Filtered (if applicable): [] Yes [X] No
 Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine		VOC by 8260	PAH by 8270 SWM	EDB/DECP by 8011	Lead by 6010
			Date	Time	Date	Time		Results	Units				
Tank Pit Water	GW	6			4/17/2024	1530	10			X	X	X	X
WT- Dup-01 (041723)	GW	6			4/17/2024	-	10			X	X	X	X
WT- Trip Blank	OT	LU			041723	1530	3			X			

B
 4/17/2024

Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Proj. Mgr: **Will Statz**
 AcctNum / Client ID:
 Table #:
 Profile / Template: **6293-2**
 Prelog / Bottle Ord. ID: **1173843**

Preservation non-conformance identified for sample

Additional Instructions from Pace*:
 Collected By: **Bryant G. Vasan**
 Signature: **Bryant G. Vasan**

Customer Remarks / Special Conditions / Possible Hazards:
 # Coolers: 1 Thermometer ID: D Correction Factor (°C): -0.1 Obs. Temp. (°C): 1.8 Corrected Temp. (°C): 1.7 On Ice: Y

Relinquished by/Company: (Signature) **Bryant G. Vasan / Arcadis**
 Date/Time: 4/17/2024 / 11:27
 Received by/Company: (Signature) **T.H.**
 Date/Time: 4/18/24 / 14:27

Tracking Number:
 Delivered by: [] In-Person [] Courier
 [] FedEx [] UPS [] Other
 Page: of



SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 4/18/24 18:37 TH

- 1. Courier: FED EX UPS CLIENT PACE NOW/JETT OTHER _____
- 2. Custody Seal on Cooler/Box Present: Yes No
(If yes) Seals Intact: Yes No (leave blank if no seals were present)
- 3. Thermometer: 1 2 3 4 5 6 7 8 A B C D E F G H
- 4. Cooler Temperature(s): 18/17
(Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

- 5. Packing Material: Bubble Wrap Bubble Bags
 None Other _____
- 6. Ice Type: Wet Blue None
- 7. If temp. is over 6°C or under 0°C, was the PM notified?: Yes No
Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		<input checked="" type="checkbox"/>	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.	<input checked="" type="checkbox"/>		
Short Hold Time Analysis (48 hours or less)? Analysis:		<input checked="" type="checkbox"/>	Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form			
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	<u>Present</u>	<u>Absent</u>	<u>N/A</u>
Rush TAT Requested (4 days or less):	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Residual Chlorine Check (Total/Amenable/Free Cyanide)			<input checked="" type="checkbox"/>
Custody Signatures Present?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Headspace Wisconsin Sulfide?			<input checked="" type="checkbox"/>
Containers Intact?:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Headspace in VOA Vials (>6mm): See Container Count form for details	<u>Present</u>	<u>Absent</u>	<u>No VOA Vials Sent</u>
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Trip Blank Present?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Extra labels on Terracore Vials? (soils only)			Trip Blank Custody Seals?:	<input checked="" type="checkbox"/>		

COMMENTS:

May 02, 2024

Mr. Stephen Vasas
Arcadis
55 Monument Circle
Suite 300B
Indianapolis, IN 46204

RE: Project: UPS Terre Haute UST Closure
Pace Project No.: 50371664

Dear Mr. Vasas:

Enclosed are the analytical results for sample(s) received by the laboratory on April 26, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Will Statz
will.statz@pacelabs.com
(317)228-3105
Project Manager

Enclosures

cc: Mr. Bryant Griggs, Arcadis U.S., Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Washington Dept of Ecology #: C1081

Wisconsin Laboratory #: 999788130

USDA Foreign Soil Permit #: 525-23-13-23119

USDA Compliance Agreement #: IN-SL-22-001

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SAMPLE SUMMARY

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50371664001	Trip Blank	Water	04/26/24 08:00	04/26/24 14:35
50371664002	B-1 (GW)	Water	04/26/24 11:40	04/26/24 14:35

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SAMPLE ANALYTE COUNT

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50371664001	Trip Blank	EPA 5030/8260	SLB	72	PASI-I
50371664002	B-1 (GW)	EPA 8011	BJW	3	PASI-I
		EPA 6010	ELK	1	PASI-I
		EPA 6010	ABH	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 5030/8260	SLB	72	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

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SUMMARY OF DETECTION

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50371664002	B-1 (GW)					
EPA 6010	Lead	610	ug/L	50.0	04/29/24 13:58	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

Sample: Trip Blank	Lab ID: 50371664001	Collected: 04/26/24 08:00	Received: 04/26/24 14:35	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260						
		Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		04/29/24 10:01	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/29/24 10:01	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/29/24 10:01	107-13-1	
Benzene	ND	ug/L	5.0	1		04/29/24 10:01	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/29/24 10:01	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/29/24 10:01	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/29/24 10:01	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/29/24 10:01	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/29/24 10:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/29/24 10:01	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/29/24 10:01	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		04/29/24 10:01	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/29/24 10:01	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/29/24 10:01	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/29/24 10:01	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/29/24 10:01	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/29/24 10:01	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/29/24 10:01	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/29/24 10:01	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/29/24 10:01	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/29/24 10:01	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/29/24 10:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/29/24 10:01	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/29/24 10:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/29/24 10:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/29/24 10:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/29/24 10:01	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/29/24 10:01	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/29/24 10:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/29/24 10:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/29/24 10:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/29/24 10:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/29/24 10:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/29/24 10:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/29/24 10:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/29/24 10:01	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/29/24 10:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/29/24 10:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/29/24 10:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/29/24 10:01	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/29/24 10:01	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/29/24 10:01	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/29/24 10:01	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/29/24 10:01	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/29/24 10:01	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/29/24 10:01	74-88-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

Sample: Trip Blank	Lab ID: 50371664001	Collected: 04/26/24 08:00	Received: 04/26/24 14:35	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260						
		Pace Analytical Services - Indianapolis						
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/29/24 10:01	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/29/24 10:01	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/29/24 10:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/29/24 10:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/29/24 10:01	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/29/24 10:01	103-65-1	
Styrene	ND	ug/L	5.0	1		04/29/24 10:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/29/24 10:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/29/24 10:01	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/29/24 10:01	127-18-4	
Toluene	ND	ug/L	5.0	1		04/29/24 10:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/29/24 10:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/29/24 10:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/29/24 10:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/29/24 10:01	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/29/24 10:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/29/24 10:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/29/24 10:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/29/24 10:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/29/24 10:01	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/29/24 10:01	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/29/24 10:01	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/29/24 10:01	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104	%.	82-128	1		04/29/24 10:01	1868-53-7	
4-Bromofluorobenzene (S)	103	%.	79-124	1		04/29/24 10:01	460-00-4	
Toluene-d8 (S)	97	%.	73-122	1		04/29/24 10:01	2037-26-5	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

Sample: B-1 (GW)	Lab ID: 50371664002	Collected: 04/26/24 11:40	Received: 04/26/24 14:35	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP								
Analytical Method: EPA 8011 Preparation Method: EPA 8011								
Pace Analytical Services - Indianapolis								
1,2-Dibromo-3-chloropropane	ND	ug/L	0.035	1	04/29/24 16:13	04/30/24 13:41	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	0.035	1	04/29/24 16:13	04/30/24 13:41	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	155	%	50-150	1	04/29/24 16:13	04/30/24 13:41	460-00-4	S3
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Pace Analytical Services - Indianapolis								
Lead	610	ug/L	50.0	1	04/28/24 20:00	04/29/24 13:58	7439-92-1	
6010 MET ICP, Lab Filtered								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Pace Analytical Services - Indianapolis								
Lead, Dissolved	ND	ug/L	10.0	1	04/29/24 07:42	04/29/24 20:07	7439-92-1	
8270 PAH by 3511								
Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511								
Pace Analytical Services - Indianapolis								
Acenaphthene	ND	ug/L	1.0	1	04/30/24 13:55	04/30/24 18:34	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/30/24 13:55	04/30/24 18:34	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/30/24 13:55	04/30/24 18:34	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/30/24 13:55	04/30/24 18:34	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/30/24 13:55	04/30/24 18:34	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/30/24 13:55	04/30/24 18:34	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/30/24 13:55	04/30/24 18:34	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/30/24 13:55	04/30/24 18:34	207-08-9	
Chrysene	ND	ug/L	0.51	1	04/30/24 13:55	04/30/24 18:34	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/30/24 13:55	04/30/24 18:34	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/30/24 13:55	04/30/24 18:34	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/30/24 13:55	04/30/24 18:34	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/30/24 13:55	04/30/24 18:34	193-39-5	
1-Methylnaphthalene	ND	ug/L	1.0	1	04/30/24 13:55	04/30/24 18:34	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/30/24 13:55	04/30/24 18:34	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/30/24 13:55	04/30/24 18:34	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/30/24 13:55	04/30/24 18:34	85-01-8	
Pyrene	ND	ug/L	1.0	1	04/30/24 13:55	04/30/24 18:34	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	88	%	43-129	1	04/30/24 13:55	04/30/24 18:34	321-60-8	
p-Terphenyl-d14 (S)	108	%	64-162	1	04/30/24 13:55	04/30/24 18:34	1718-51-0	
8260 MSV Indiana								
Analytical Method: EPA 5030/8260								
Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	100	1		04/29/24 10:31	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/29/24 10:31	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/29/24 10:31	107-13-1	
Benzene	ND	ug/L	5.0	1		04/29/24 10:31	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/29/24 10:31	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/29/24 10:31	74-97-5	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

Sample: B-1 (GW)	Lab ID: 50371664002	Collected: 04/26/24 11:40	Received: 04/26/24 14:35	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana	Analytical Method: EPA 5030/8260							
	Pace Analytical Services - Indianapolis							
Bromodichloromethane	ND	ug/L	5.0	1		04/29/24 10:31	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/29/24 10:31	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/29/24 10:31	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/29/24 10:31	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/29/24 10:31	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		04/29/24 10:31	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/29/24 10:31	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/29/24 10:31	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/29/24 10:31	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/29/24 10:31	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/29/24 10:31	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/29/24 10:31	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/29/24 10:31	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/29/24 10:31	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/29/24 10:31	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/29/24 10:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/29/24 10:31	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/29/24 10:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/29/24 10:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/29/24 10:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/29/24 10:31	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/29/24 10:31	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/29/24 10:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/29/24 10:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/29/24 10:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/29/24 10:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/29/24 10:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/29/24 10:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/29/24 10:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/29/24 10:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/29/24 10:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/29/24 10:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/29/24 10:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/29/24 10:31	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/29/24 10:31	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/29/24 10:31	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/29/24 10:31	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/29/24 10:31	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/29/24 10:31	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/29/24 10:31	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/29/24 10:31	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/29/24 10:31	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/29/24 10:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/29/24 10:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/29/24 10:31	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/29/24 10:31	103-65-1	

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**ANALYTICAL RESULTS**

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

Sample: B-1 (GW)	Lab ID: 50371664002	Collected: 04/26/24 11:40	Received: 04/26/24 14:35	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Styrene	ND	ug/L	5.0	1		04/29/24 10:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/29/24 10:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/29/24 10:31	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/29/24 10:31	127-18-4	
Toluene	ND	ug/L	5.0	1		04/29/24 10:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/29/24 10:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/29/24 10:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/29/24 10:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/29/24 10:31	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/29/24 10:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/29/24 10:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/29/24 10:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/29/24 10:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/29/24 10:31	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/29/24 10:31	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/29/24 10:31	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/29/24 10:31	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103	%.	82-128	1		04/29/24 10:31	1868-53-7	
4-Bromofluorobenzene (S)	102	%.	79-124	1		04/29/24 10:31	460-00-4	
Toluene-d8 (S)	98	%.	73-122	1		04/29/24 10:31	2037-26-5	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

QC Batch:	787154	Analysis Method:	EPA 8011
QC Batch Method:	EPA 8011	Analysis Description:	GCS 8011 EDB DBCP
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371664002

METHOD BLANK: 3601212 Matrix: Water

Associated Lab Samples: 50371664002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	ND	0.035	04/30/24 11:40	
1,2-Dibromoethane (EDB)	ug/L	ND	0.035	04/30/24 11:40	
4-Bromofluorobenzene (S)	%	163	50-150	04/30/24 11:40	S3

LABORATORY CONTROL SAMPLE: 3601213

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.25	0.34	134	60-140	
1,2-Dibromoethane (EDB)	ug/L	0.25	0.30	119	60-140	
4-Bromofluorobenzene (S)	%			154	50-150	S0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3601214 3601215

Parameter	Units	3601214		3601215		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50371129003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
1,2-Dibromo-3-chloropropane	ug/L	ND	0.25	0.25	0.29	0.31	120	124	60-140	4	20
1,2-Dibromoethane (EDB)	ug/L	ND	0.25	0.25	0.28	0.30	115	121	60-140	6	20
4-Bromofluorobenzene (S)	%						136	145	50-150		

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

QC Batch:	787007	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3010	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371664002

METHOD BLANK: 3600370 Matrix: Water
 Associated Lab Samples: 50371664002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	10.0	04/29/24 13:33	

LABORATORY CONTROL SAMPLE: 3600371

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1000	1010	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3600372 3600373

Parameter	Units	50371598001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	1000	1000	978	924	98	92	75-125	6	20	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

QC Batch: 787063	Analysis Method: EPA 6010
QC Batch Method: EPA 3010	Analysis Description: 6010 MET Dissolved
	Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371664002

METHOD BLANK: 3600937 Matrix: Water

Associated Lab Samples: 50371664002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead, Dissolved	ug/L	ND	10.0	04/29/24 20:04	

LABORATORY CONTROL SAMPLE: 3600938

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead, Dissolved	ug/L	1000	937	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3600939 3600940

Parameter	Units	3600939		3600940		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50371331001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Lead, Dissolved	ug/L	ND	1000	1000	827	822	82	82	75-125	1	20

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

QC Batch: 787098

Analysis Method: EPA 5030/8260

QC Batch Method: EPA 5030/8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371664001, 50371664002

METHOD BLANK: 3601068

Matrix: Water

Associated Lab Samples: 50371664001, 50371664002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	04/29/24 09:31	
1,1,1-Trichloroethane	ug/L	ND	5.0	04/29/24 09:31	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	04/29/24 09:31	
1,1,2-Trichloroethane	ug/L	ND	5.0	04/29/24 09:31	
1,1-Dichloroethane	ug/L	ND	5.0	04/29/24 09:31	
1,1-Dichloroethene	ug/L	ND	5.0	04/29/24 09:31	
1,1-Dichloropropene	ug/L	ND	5.0	04/29/24 09:31	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	04/29/24 09:31	
1,2,3-Trichloropropane	ug/L	ND	5.0	04/29/24 09:31	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	04/29/24 09:31	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	04/29/24 09:31	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	04/29/24 09:31	
1,2-Dichlorobenzene	ug/L	ND	5.0	04/29/24 09:31	
1,2-Dichloroethane	ug/L	ND	5.0	04/29/24 09:31	
1,2-Dichloropropane	ug/L	ND	5.0	04/29/24 09:31	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	04/29/24 09:31	
1,3-Dichlorobenzene	ug/L	ND	5.0	04/29/24 09:31	
1,3-Dichloropropane	ug/L	ND	5.0	04/29/24 09:31	
1,4-Dichlorobenzene	ug/L	ND	5.0	04/29/24 09:31	
2,2-Dichloropropane	ug/L	ND	5.0	04/29/24 09:31	
2-Butanone (MEK)	ug/L	ND	25.0	04/29/24 09:31	
2-Chlorotoluene	ug/L	ND	5.0	04/29/24 09:31	
2-Hexanone	ug/L	ND	25.0	04/29/24 09:31	
4-Chlorotoluene	ug/L	ND	5.0	04/29/24 09:31	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	04/29/24 09:31	
Acetone	ug/L	ND	100	04/29/24 09:31	
Acrolein	ug/L	ND	50.0	04/29/24 09:31	
Acrylonitrile	ug/L	ND	100	04/29/24 09:31	
Benzene	ug/L	ND	5.0	04/29/24 09:31	
Bromobenzene	ug/L	ND	5.0	04/29/24 09:31	
Bromochloromethane	ug/L	ND	5.0	04/29/24 09:31	
Bromodichloromethane	ug/L	ND	5.0	04/29/24 09:31	
Bromoform	ug/L	ND	5.0	04/29/24 09:31	
Bromomethane	ug/L	ND	5.0	04/29/24 09:31	
Carbon disulfide	ug/L	ND	10.0	04/29/24 09:31	
Carbon tetrachloride	ug/L	ND	5.0	04/29/24 09:31	
Chlorobenzene	ug/L	ND	5.0	04/29/24 09:31	
Chloroethane	ug/L	ND	5.0	04/29/24 09:31	
Chloroform	ug/L	ND	5.0	04/29/24 09:31	
Chloromethane	ug/L	ND	5.0	04/29/24 09:31	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

METHOD BLANK: 3601068

Matrix: Water

Associated Lab Samples: 50371664001, 50371664002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	5.0	04/29/24 09:31	
cis-1,3-Dichloropropene	ug/L	ND	5.0	04/29/24 09:31	
Dibromochloromethane	ug/L	ND	5.0	04/29/24 09:31	
Dibromomethane	ug/L	ND	5.0	04/29/24 09:31	
Dichlorodifluoromethane	ug/L	ND	5.0	04/29/24 09:31	
Ethyl methacrylate	ug/L	ND	100	04/29/24 09:31	
Ethylbenzene	ug/L	ND	5.0	04/29/24 09:31	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	04/29/24 09:31	
Iodomethane	ug/L	ND	10.0	04/29/24 09:31	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	04/29/24 09:31	
Methyl-tert-butyl ether	ug/L	ND	4.0	04/29/24 09:31	
Methylene Chloride	ug/L	ND	5.0	04/29/24 09:31	
n-Butylbenzene	ug/L	ND	5.0	04/29/24 09:31	
n-Hexane	ug/L	ND	5.0	04/29/24 09:31	
n-Propylbenzene	ug/L	ND	5.0	04/29/24 09:31	
p-Isopropyltoluene	ug/L	ND	5.0	04/29/24 09:31	
sec-Butylbenzene	ug/L	ND	5.0	04/29/24 09:31	
Styrene	ug/L	ND	5.0	04/29/24 09:31	
tert-Butylbenzene	ug/L	ND	5.0	04/29/24 09:31	
Tetrachloroethene	ug/L	ND	5.0	04/29/24 09:31	
Toluene	ug/L	ND	5.0	04/29/24 09:31	
trans-1,2-Dichloroethene	ug/L	ND	5.0	04/29/24 09:31	
trans-1,3-Dichloropropene	ug/L	ND	5.0	04/29/24 09:31	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	04/29/24 09:31	
Trichloroethene	ug/L	ND	5.0	04/29/24 09:31	
Trichlorofluoromethane	ug/L	ND	5.0	04/29/24 09:31	
Vinyl acetate	ug/L	ND	50.0	04/29/24 09:31	
Vinyl chloride	ug/L	ND	2.0	04/29/24 09:31	
Xylene (Total)	ug/L	ND	10.0	04/29/24 09:31	
4-Bromofluorobenzene (S)	%	101	79-124	04/29/24 09:31	
Dibromofluoromethane (S)	%	102	82-128	04/29/24 09:31	
Toluene-d8 (S)	%	97	73-122	04/29/24 09:31	

LABORATORY CONTROL SAMPLE: 3601069

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.0	98	81-130	
1,1,1-Trichloroethane	ug/L	50	48.3	97	71-126	
1,1,2,2-Tetrachloroethane	ug/L	50	49.2	98	70-126	
1,1,2-Trichloroethane	ug/L	50	48.6	97	79-125	
1,1-Dichloroethane	ug/L	50	51.9	104	79-120	
1,1-Dichloroethene	ug/L	50	50.6	101	71-130	
1,1-Dichloropropene	ug/L	50	51.9	104	78-144	
1,2,3-Trichlorobenzene	ug/L	50	52.2	104	57-146	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

LABORATORY CONTROL SAMPLE: 3601069

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	50	47.8	96	74-127	
1,2,4-Trichlorobenzene	ug/L	50	52.8	106	62-136	
1,2,4-Trimethylbenzene	ug/L	50	49.0	98	69-120	
1,2-Dibromoethane (EDB)	ug/L	50	51.4	103	80-120	
1,2-Dichlorobenzene	ug/L	50	49.5	99	79-123	
1,2-Dichloroethane	ug/L	50	49.8	100	72-123	
1,2-Dichloropropane	ug/L	50	52.0	104	76-125	
1,3,5-Trimethylbenzene	ug/L	50	48.1	96	71-120	
1,3-Dichlorobenzene	ug/L	50	48.9	98	78-117	
1,3-Dichloropropane	ug/L	50	48.3	97	77-126	
1,4-Dichlorobenzene	ug/L	50	48.5	97	79-116	
2,2-Dichloropropane	ug/L	50	53.5	107	48-138	
2-Butanone (MEK)	ug/L	250	262	105	67-135	
2-Chlorotoluene	ug/L	50	48.3	97	75-122	
2-Hexanone	ug/L	250	218	87	65-135	
4-Chlorotoluene	ug/L	50	48.9	98	77-120	
4-Methyl-2-pentanone (MIBK)	ug/L	250	232	93	69-136	
Acetone	ug/L	250	254	102	34-156	
Acrolein	ug/L	1000	997	100	59-191	
Acrylonitrile	ug/L	250	262	105	67-146	
Benzene	ug/L	50	53.5	107	76-122	
Bromobenzene	ug/L	50	46.7	93	75-121	
Bromochloromethane	ug/L	50	50.9	102	73-119	
Bromodichloromethane	ug/L	50	53.3	107	80-126	
Bromoform	ug/L	50	51.8	104	77-124	
Bromomethane	ug/L	50	65.6	131	10-175	
Carbon disulfide	ug/L	50	51.3	103	69-121	
Carbon tetrachloride	ug/L	50	46.8	94	73-127	
Chlorobenzene	ug/L	50	47.8	96	76-118	
Chloroethane	ug/L	50	55.6	111	36-162	
Chloroform	ug/L	50	51.6	103	78-121	
Chloromethane	ug/L	50	42.2	84	37-143	
cis-1,2-Dichloroethene	ug/L	50	55.5	111	77-123	
cis-1,3-Dichloropropene	ug/L	50	51.4	103	76-132	
Dibromochloromethane	ug/L	50	48.7	97	79-130	
Dibromomethane	ug/L	50	52.4	105	79-124	
Dichlorodifluoromethane	ug/L	50	20.5	41	29-126	
Ethyl methacrylate	ug/L	50	53.7J	107	78-137	
Ethylbenzene	ug/L	50	47.5	95	76-120	
Hexachloro-1,3-butadiene	ug/L	50	46.6	93	60-131	
Iodomethane	ug/L	50	46.2	92	10-148	
Isopropylbenzene (Cumene)	ug/L	50	48.7	97	71-124	
Methyl-tert-butyl ether	ug/L	50	53.4	107	71-121	
Methylene Chloride	ug/L	50	52.6	105	71-121	
n-Butylbenzene	ug/L	50	50.3	101	68-131	
n-Hexane	ug/L	50	39.5	79	51-126	
n-Propylbenzene	ug/L	50	47.2	94	67-127	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

LABORATORY CONTROL SAMPLE: 3601069

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/L	50	48.6	97	72-124	
sec-Butylbenzene	ug/L	50	47.4	95	71-126	
Styrene	ug/L	50	49.5	99	80-121	
tert-Butylbenzene	ug/L	50	49.5	99	71-128	
Tetrachloroethene	ug/L	50	46.7	93	71-122	
Toluene	ug/L	50	46.2	92	74-118	
trans-1,2-Dichloroethene	ug/L	50	52.0	104	75-122	
trans-1,3-Dichloropropene	ug/L	50	51.0	102	77-126	
trans-1,4-Dichloro-2-butene	ug/L	50	48.1J	96	53-136	
Trichloroethene	ug/L	50	50.0	100	74-125	
Trichlorofluoromethane	ug/L	50	42.2	84	64-138	
Vinyl acetate	ug/L	200	275	137	74-154	
Vinyl chloride	ug/L	50	45.8	92	55-139	
Xylene (Total)	ug/L	150	140	94	73-119	
4-Bromofluorobenzene (S)	%			99	79-124	
Dibromofluoromethane (S)	%			104	82-128	
Toluene-d8 (S)	%			94	73-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3601070 3601071

Parameter	Units	50371568001		MS	MSD	MS	MSD	MS	MSD	% Rec	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits			
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	53.8	55.0	108	110	47-139	2	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	52.8	53.9	106	108	47-145	2	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	51.1	52.9	102	106	49-133	3	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	52.8	54.9	106	110	52-136	4	20	
1,1-Dichloroethane	ug/L	ND	50	50	52.4	53.9	105	108	52-137	3	20	
1,1-Dichloroethene	ug/L	ND	50	50	55.6	57.6	111	115	53-144	4	20	
1,1-Dichloropropene	ug/L	ND	50	50	56.8	59.3	114	119	49-150	4	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	55.6	56.7	111	113	20-153	2	20	
1,2,3-Trichloropropane	ug/L	ND	50	50	49.5	53.1	99	106	47-134	7	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	54.4	56.0	109	112	23-141	3	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	50.4	52.8	101	106	41-131	5	20	M1
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	56.4	57.8	113	116	55-133	2	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	51.1	53.0	102	106	43-133	4	20	
1,2-Dichloroethane	ug/L	ND	50	50	53.3	53.7	107	107	50-138	1	20	
1,2-Dichloropropane	ug/L	ND	50	50	54.3	55.8	109	112	54-139	3	20	
1,3,5-Trimethylbenzene	ug/L	ND	50	50	50.1	52.7	100	105	39-133	5	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	50.7	52.3	101	105	41-131	3	20	
1,3-Dichloropropane	ug/L	ND	50	50	51.6	54.0	103	108	50-136	5	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	50.6	51.7	101	103	41-131	2	20	
2,2-Dichloropropane	ug/L	ND	50	50	57.0	56.7	114	113	17-141	0	20	
2-Butanone (MEK)	ug/L	ND	250	250	279	280	112	112	45-138	0	20	
2-Chlorotoluene	ug/L	ND	50	50	49.5	51.5	99	103	36-141	4	20	
2-Hexanone	ug/L	ND	250	250	248	259	99	103	45-135	4	20	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3601070 3601071												
Parameter	Units	MS		MSD		MS		MSD		% Rec Limits	Max RPD	Qual
		50371568001	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
4-Chlorotoluene	ug/L	ND	50	50	50.2	52.6	100	105	38-134	5	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	266	273	105	109	46-138	3	20	
Acetone	ug/L	ND	250	250	253	255	99	100	25-151	1	20	
Acrolein	ug/L	ND	1000	1000	1030	1070	103	107	36-168	4	20	
Acrylonitrile	ug/L	ND	250	250	274	279	110	112	47-147	2	20	
Benzene	ug/L	ND	50	50	56.1	58.3	112	117	53-138	4	20	
Bromobenzene	ug/L	ND	50	50	50.6	54.0	101	108	47-130	6	20	
Bromochloromethane	ug/L	ND	50	50	52.6	53.2	105	106	52-130	1	20	
Bromodichloromethane	ug/L	ND	50	50	56.6	57.6	113	115	50-146	2	20	
Bromoform	ug/L	ND	50	50	53.8	55.1	108	110	45-132	2	20	
Bromomethane	ug/L	ND	50	50	64.3	65.4	129	131	10-173	2	20	
Carbon disulfide	ug/L	ND	50	50	54.0	55.3	108	111	47-133	3	20	
Carbon tetrachloride	ug/L	ND	50	50	53.7	55.8	107	112	43-148	4	20	
Chlorobenzene	ug/L	ND	50	50	50.7	52.2	101	104	52-131	3	20	
Chloroethane	ug/L	ND	50	50	57.5	59.3	115	119	25-169	3	20	
Chloroform	ug/L	ND	50	50	53.3	54.0	106	108	54-138	1	20	
Chloromethane	ug/L	ND	50	50	43.0	44.1	86	88	33-137	3	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	56.2	56.9	112	114	50-141	1	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	54.9	57.2	110	114	47-135	4	20	
Dibromochloromethane	ug/L	ND	50	50	53.7	56.4	107	113	48-139	5	20	
Dibromomethane	ug/L	ND	50	50	55.1	56.1	110	112	51-141	2	20	
Dichlorodifluoromethane	ug/L	5.0	50	50	31.3	32.1	53	54	15-130	3	20	
Ethyl methacrylate	ug/L	ND	50	50	59.9J	62.1J	120	124	51-142		20	
Ethylbenzene	ug/L	ND	50	50	52.6	54.0	105	108	50-136	3	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	52.1	53.6	104	107	15-141	3	20	
Iodomethane	ug/L	ND	50	50	46.9	50.5	94	101	10-145	7	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	53.6	57.3	107	115	46-137	7	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	56.2	57.4	112	115	47-135	2	20	
Methylene Chloride	ug/L	ND	50	50	53.3	53.7	107	107	48-131	1	20	
n-Butylbenzene	ug/L	ND	50	50	53.6	55.4	107	111	30-138	3	20	
n-Hexane	ug/L	ND	50	50	53.2	53.9	106	108	35-137	1	20	
n-Propylbenzene	ug/L	ND	50	50	50.1	51.7	100	103	37-135	3	20	
p-Isopropyltoluene	ug/L	ND	50	50	51.4	53.4	103	107	35-136	4	20	
sec-Butylbenzene	ug/L	ND	50	50	50.6	53.2	101	106	36-137	5	20	
Styrene	ug/L	ND	50	50	54.4	55.4	109	111	46-136	2	20	
tert-Butylbenzene	ug/L	ND	50	50	57.3	53.7	115	107	40-137	6	20	
Tetrachloroethene	ug/L	ND	50	50	53.8	54.5	108	109	44-138	1	20	
Toluene	ug/L	ND	50	50	49.7	52.4	99	104	52-132	5	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	55.1	56.6	110	113	50-137	3	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	54.6	57.4	109	115	46-130	5	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	50	50	52.9J	54.1J	106	108	24-134		20	
Trichloroethene	ug/L	ND	50	50	54.1	55.4	108	111	49-140	2	20	
Trichlorofluoromethane	ug/L	ND	50	50	52.3	54.3	105	109	44-153	4	20	
Vinyl acetate	ug/L	ND	200	200	285	292	142	146	32-142	2	20	M1

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

Parameter	Units	3601070		3601071		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		50371568001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Vinyl chloride	ug/L	ND	50	50	50.0	51.7	100	103	41-147	3	20		
Xylene (Total)	ug/L	ND	150	150	154	158	103	105	44-138	2	20		
4-Bromofluorobenzene (S)	%						102	102	79-124				
Dibromofluoromethane (S)	%						102	100	82-128			pH	
Toluene-d8 (S)	%						95	95	73-122				

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

QC Batch: 787350

Analysis Method: EPA 8270 by SIM 40E

QC Batch Method: EPA 3511

Analysis Description: 8270 Water PAH 40 by SIM MSSV

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371664002

METHOD BLANK: 3601772

Matrix: Water

Associated Lab Samples: 50371664002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	1.0	04/30/24 18:13	
2-Methylnaphthalene	ug/L	ND	1.0	04/30/24 18:13	
Acenaphthene	ug/L	ND	1.0	04/30/24 18:13	
Acenaphthylene	ug/L	ND	1.0	04/30/24 18:13	
Anthracene	ug/L	ND	0.10	04/30/24 18:13	
Benzo(a)anthracene	ug/L	ND	0.10	04/30/24 18:13	
Benzo(a)pyrene	ug/L	ND	0.10	04/30/24 18:13	
Benzo(b)fluoranthene	ug/L	ND	0.10	04/30/24 18:13	
Benzo(g,h,i)perylene	ug/L	ND	0.10	04/30/24 18:13	
Benzo(k)fluoranthene	ug/L	ND	0.10	04/30/24 18:13	
Chrysene	ug/L	ND	0.50	04/30/24 18:13	
Dibenz(a,h)anthracene	ug/L	ND	0.10	04/30/24 18:13	
Fluoranthene	ug/L	ND	1.0	04/30/24 18:13	
Fluorene	ug/L	ND	1.0	04/30/24 18:13	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	04/30/24 18:13	
Naphthalene	ug/L	ND	1.0	04/30/24 18:13	
Phenanthrene	ug/L	ND	1.0	04/30/24 18:13	
Pyrene	ug/L	ND	1.0	04/30/24 18:13	
2-Fluorobiphenyl (S)	%	81	43-129	04/30/24 18:13	
p-Terphenyl-d14 (S)	%	91	64-162	04/30/24 18:13	

LABORATORY CONTROL SAMPLE: 3601773

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	25	27.3	109	55-123	
2-Methylnaphthalene	ug/L	25	25.4	101	49-116	
Acenaphthene	ug/L	25	26.6	106	65-121	
Acenaphthylene	ug/L	25	27.3	109	57-131	
Anthracene	ug/L	25	20.2	81	45-133	
Benzo(a)anthracene	ug/L	25	26.6	107	74-147	
Benzo(a)pyrene	ug/L	25	29.1	117	79-132	
Benzo(b)fluoranthene	ug/L	25	29.9	120	80-157	
Benzo(g,h,i)perylene	ug/L	25	31.2	125	70-131	
Benzo(k)fluoranthene	ug/L	25	31.0	124	71-158	
Chrysene	ug/L	25	28.9	116	65-135	
Dibenz(a,h)anthracene	ug/L	25	33.6	135	75-141	
Fluoranthene	ug/L	25	30.9	124	85-139	
Fluorene	ug/L	25	28.6	114	74-129	
Indeno(1,2,3-cd)pyrene	ug/L	25	29.6	119	65-133	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure
 Pace Project No.: 50371664

LABORATORY CONTROL SAMPLE: 3601773

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	25	25.5	102	60-114	
Phenanthrene	ug/L	25	30.4	122	82-128	
Pyrene	ug/L	25	27.0	108	70-145	
2-Fluorobiphenyl (S)	%			92	43-129	
p-Terphenyl-d14 (S)	%			94	64-162	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3601774 3601775

Parameter	Units	MS 50371569008		MSD 3601775		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Result	Spike Conc.						
1-Methylnaphthalene	ug/L	<0.093	26.9	27	30.0	112	106	35-144	5	20	
2-Methylnaphthalene	ug/L	<0.10	26.9	27	27.2	101	96	38-130	5	20	
Acenaphthene	ug/L	<0.10	26.9	27	29.7	110	106	52-131	3	20	
Acenaphthylene	ug/L	<0.078	26.9	27	31.2	116	112	57-120	3	20	
Anthracene	ug/L	<0.086	26.9	27	22.0	82	79	43-123	2	20	
Benzo(a)anthracene	ug/L	<0.069	26.9	27	30.0	112	109	79-132	2	20	
Benzo(a)pyrene	ug/L	<0.074	26.9	27	34.9	130	126	75-125	2	20	M1
Benzo(b)fluoranthene	ug/L	<0.069	26.9	27	35.3	131	128	79-149	2	20	
Benzo(g,h,i)perylene	ug/L	<0.097	26.9	27	34.8	129	128	48-156	0	20	
Benzo(k)fluoranthene	ug/L	<0.072	26.9	27	35.7	133	129	81-150	3	20	
Chrysene	ug/L	<0.065	26.9	27	34.4	128	124	78-130	3	20	
Dibenz(a,h)anthracene	ug/L	<0.081	26.9	27	34.0	127	140	62-149	11	20	
Fluoranthene	ug/L	<0.079	26.9	27	34.8	130	128	74-141	0	20	
Fluorene	ug/L	<0.10	26.9	27	32.2	120	116	56-145	3	20	
Indeno(1,2,3-cd)pyrene	ug/L	<0.062	26.9	27	34.4	128	123	51-146	4	20	
Naphthalene	ug/L	<0.44	26.9	27	27.7	103	100	31-147	3	20	
Phenanthrene	ug/L	<0.11	26.9	27	34.6	129	123	77-130	4	20	
Pyrene	ug/L	<0.11	26.9	27	31.6	118	112	75-150	4	20	
2-Fluorobiphenyl (S)	%					90	93	43-129			
p-Terphenyl-d14 (S)	%					101	106	64-162			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3601776 3601777

Parameter	Units	MS 50371574011		MSD 3601777		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Result	Spike Conc.						
1-Methylnaphthalene	ug/L	<0.097	26.5	26.9	27.9	106	110	35-144	6	20	
2-Methylnaphthalene	ug/L	<0.11	26.5	26.9	25.2	95	100	38-130	6	20	
Acenaphthene	ug/L	<0.10	26.5	26.9	28.0	106	109	52-131	5	20	
Acenaphthylene	ug/L	<0.081	26.5	26.9	29.4	111	113	57-120	3	20	
Anthracene	ug/L	<0.090	26.5	26.9	21.3	80	79	43-123	0	20	
Benzo(a)anthracene	ug/L	<0.072	26.5	26.9	29.8	112	114	79-132	3	20	
Benzo(a)pyrene	ug/L	<0.078	26.5	26.9	33.5	127	128	75-125	3	20	M1
Benzo(b)fluoranthene	ug/L	<0.072	26.5	26.9	32.5	123	127	79-149	5	20	
Benzo(g,h,i)perylene	ug/L	<0.10	26.5	26.9	34.2	129	129	48-156	2	20	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3601776												3601777	
Parameter	Units	50371574011 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
Benzo(k)fluoranthene	ug/L	<0.076	26.5	26.9	35.6	35.8	135	133	81-150	0	20		
Chrysene	ug/L	<0.068	26.5	26.9	33.0	33.1	125	123	78-130	0	20		
Dibenz(a,h)anthracene	ug/L	<0.085	26.5	26.9	37.2	32.9	140	123	62-149	12	20		
Fluoranthene	ug/L	<0.082	26.5	26.9	34.4	34.6	130	129	74-141	1	20		
Fluorene	ug/L	<0.11	26.5	26.9	31.2	31.7	118	118	56-145	2	20		
Indeno(1,2,3-cd)pyrene	ug/L	<0.065	26.5	26.9	32.9	33.3	124	124	51-146	1	20		
Naphthalene	ug/L	<0.46	26.5	26.9	25.8	26.4	98	98	31-147	2	20		
Phenanthrene	ug/L	<0.12	26.5	26.9	33.3	33.5	126	125	77-130	1	20		
Pyrene	ug/L	<0.11	26.5	26.9	30.6	31.0	116	115	75-150	1	20		
2-Fluorobiphenyl (S)	%						86	85	43-129				
p-Terphenyl-d14 (S)	%						99	106	64-162				

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3601778												3601779	
Parameter	Units	50371646013 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
1-Methylnaphthalene	ug/L	ND	24.8	24.9	27.5	26.5	111	106	35-144	4	20		
2-Methylnaphthalene	ug/L	ND	24.8	24.9	25.3	23.7	102	95	38-130	7	20		
Acenaphthene	ug/L	ND	24.8	24.9	26.7	26.7	108	107	52-131	0	20		
Acenaphthylene	ug/L	ND	24.8	24.9	28.1	28.0	113	113	57-120	0	20		
Anthracene	ug/L	ND	24.8	24.9	19.7	20.0	79	80	43-123	1	20		
Benzo(a)anthracene	ug/L	ND	24.8	24.9	27.6	29.2	111	117	79-132	6	20		
Benzo(a)pyrene	ug/L	ND	24.8	24.9	30.1	31.2	121	125	75-125	4	20		
Benzo(b)fluoranthene	ug/L	ND	24.8	24.9	29.3	31.2	119	126	79-149	6	20		
Benzo(g,h,i)perylene	ug/L	ND	24.8	24.9	30.5	32.2	123	129	48-156	5	20		
Benzo(k)fluoranthene	ug/L	ND	24.8	24.9	31.6	33.7	128	135	81-150	6	20		
Chrysene	ug/L	ND	24.8	24.9	29.1	30.4	118	122	78-130	4	20		
Dibenz(a,h)anthracene	ug/L	ND	24.8	24.9	33.6	35.3	136	142	62-149	5	20		
Fluoranthene	ug/L	ND	24.8	24.9	30.9	32.9	125	132	74-141	7	20		
Fluorene	ug/L	ND	24.8	24.9	29.0	29.8	117	120	56-145	3	20		
Indeno(1,2,3-cd)pyrene	ug/L	ND	24.8	24.9	29.7	31.1	120	125	51-146	5	20		
Naphthalene	ug/L	ND	24.8	24.9	25.0	23.9	101	96	31-147	4	20		
Phenanthrene	ug/L	ND	24.8	24.9	30.1	31.0	122	125	77-130	3	20		
Pyrene	ug/L	ND	24.8	24.9	27.4	28.8	111	116	75-150	5	20		
2-Fluorobiphenyl (S)	%						96	97	43-129				
p-Terphenyl-d14 (S)	%						103	106	64-162				

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QUALIFIERS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

S0 Surrogate recovery outside laboratory control limits.

S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

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METHOD CROSS REFERENCE TABLE

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

Parameter	Matrix	Analytical Method	Preparation Method
6010 MET ICP	Water	SW-846 6010B	SW-846 3010A
6010 MET ICP, Lab Filtered	Water	SW-846 6010B	SW-846 3010A
8011 GCS EDB and DBCP	Water	SW-846 8011	SW-846 8011
8270 PAH by 3511	Water	SW-846 8270C	SW-846 3511

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371664

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50371664002	B-1 (GW)	EPA 8011	787154	EPA 8011	787725
50371664002	B-1 (GW)	EPA 3010	787007	EPA 6010	787174
50371664002	B-1 (GW)	EPA 3010	787063	EPA 6010	787252
50371664002	B-1 (GW)	EPA 3511	787350	EPA 8270 by SIM 40E	787457
50371664001	Trip Blank	EPA 5030/8260	787098		
50371664002	B-1 (GW)	EPA 5030/8260	787098		

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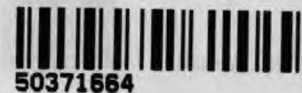
Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- A Fix Workorder/Login Label Here

WO#: 50371664



Company Name: Arcadis U.S., Inc. - IN
Street Address: 55 Monument Circle, Indianapolis, IN 46204
Customer Project #: 30217526.0100
Project Name: UPS Terre Haute UST Closure
Site Collection Info/Facility ID (as applicable):
5596 E. Margaret Dr.
Terre Haute, IN

Contact/Report To: Griggs, Bryant
Phone #: 317-557-9115
E-Mail: bryant.griggs@arcadis.com
Cc E-Mail:
Invoice To: Stephen Vasas
Invoice E-Mail:
Purchase Order # (if applicable):
Quote #:

Specify Container size: 6 6 6 3 5
Identify Container Preservative Type***: 4 1 5 1
Analysis Requested

125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other
*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Time Zone Collected: [] AK [] PT [] MT [] CT [X] ET
County / State origin of sample(s): Indiana
Data Deliverables: [X] Level II [] Level III [] Level IV [] EQUIS [] Other
Regulatory Program (DW, RCRA, etc.) as applicable: IDEM UST
Reportable [X] Yes [] No
Rush (Pre-approval required):
[] Same Day [] 1 Day [] 2 Day [X] 3 Day [] Other
Date Results Requested: 3-day RUSH
Field Filtered (if applicable): [] Yes [X] No
Analysis:

VOC by 8260	PAH by 8270	EDB/DBCP by 8011	Lead by 8010	Dissolved Lead (6010) Lab Filter & Preserve
-------------	-------------	------------------	--------------	---

Proj. Mgr: Will Stutz
AcctNum / Client ID:
Table #:
Profile / Template: 6293-2
Prelog / Bottle Ord. ID: 1173843
Sample Comment

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine		VOC by 8260	PAH by 8270	EDB/DBCP by 8011	Lead by 8010	Dissolved Lead (6010) Lab Filter & Preserve
			Date	Time	Date	Time		Results	Units					
Trip Blank (Liq)	DT	L1			L1	L1	3			X				
B-1 (GW)	GW	G			4/26/2024	14:00	11			X	X	X	X	X

Additional Instructions from Pace®:
Dissolved Lead Sample: Lab Filter & Preserve.

Collected By: (Printed Name) Bryant Griggs
Signature: *Bryant Griggs*

Customer Remarks / Special Conditions / Possible Hazards:
Coolers: 1
Thermometer ID: F#
Correction Factor (°C): -0.2
Obs. Temp. (°C): 0.9
Corrected Temp. (°C): 0.2
On Ice: Y

Relinquished by/Company (Signature): *R.D. / Arcadis*
Date/Time: 4/26/2024/1435

Received by/Company (Signature): *[Signature]*
Date/Time: 4-26-24 14:35

Tracking Number:
Delivered by: [X] In-Person [] Courier
[] FedEx [] UPS [] Other
Page: of



SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: RC 4-26-24 16:15

1. Courier: FED EX UPS CLIENT PACE NOW/JETT OTHER _____

2. Custody Seal on Cooler/Box Present: Yes No
 (If yes)Seals Intact: Yes No (leave blank if no seals were present)

3. Thermometer: 1 2 3 4 5 6 7 8 A B C D E F G H

4. Cooler Temperature(s): 0.4/0.2
 (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. Packing Material: Bubble Wrap Bubble Bags
 None Other _____

6. Ice Type: Wet Blue None

7. Was the PM notified of out of temp cooler?: Yes No
 Cooler temp should be above freezing to 6°C

8. EZ Bottle Order? Yes No

EZ Bottle Order Number:

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		<input checked="" type="checkbox"/>	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.			
Short Hold Time Analysis (48 hours or less)? Analysis:		<input checked="" type="checkbox"/>	Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form	<input checked="" type="checkbox"/>		
Time 5035A TC placed in Freezer or Short Holds To Lab			Time: _____	<u>Present</u>	<u>Absent</u>	<u>N/A</u>
Rush TAT Requested (4 days or less):		<input checked="" type="checkbox"/>	Residual Chlorine Check (SVOC 625 Pest/PCB 608)			<input checked="" type="checkbox"/>
Custody Signatures Present?	<input checked="" type="checkbox"/>		Residual Chlorine Check (Total/Amenable/Free Cyanide)			<input checked="" type="checkbox"/>
Containers Intact?:	<input checked="" type="checkbox"/>		Headspace Wisconsin Sulfide?			<input checked="" type="checkbox"/>
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	<input checked="" type="checkbox"/>		Headspace in VOA Vials (>6mm): See Container Count form for details	<u>Present</u>	<u>Absent</u>	<u>No VOA Vials Sent</u>
Extra labels on Terracore Vials? (soils only)			Trip Blank Present?	<input checked="" type="checkbox"/>		
			Trip Blank Custody Seals?:	<input checked="" type="checkbox"/>		

COMMENTS:

May 13, 2024

Mr. Stephen Vasas
Arcadis
55 Monument Circle
Suite 300B
Indianapolis, IN 46204

RE: Project: UPS Terre Haute UST Closure
Pace Project No.: 50371663

Dear Mr. Vasas:

Enclosed are the analytical results for sample(s) received by the laboratory on April 26, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Will Statz
will.statz@pacelabs.com
(317)228-3105
Project Manager

Enclosures

cc: Mr. Bryant Griggs, Arcadis U.S., Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Washington Dept of Ecology #: C1081

Wisconsin Laboratory #: 999788130

USDA Foreign Soil Permit #: 525-23-13-23119

USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: UPS Terre Haute UST Closure
Pace Project No.: 50371663

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50371663001	Trip Blank	Solid	04/26/24 08:00	04/26/24 14:35
50371663002	B-1 (3-4)	Solid	04/26/24 11:15	04/26/24 14:35
50371663003	B-1 (12.5-15)	Solid	04/26/24 11:30	04/26/24 14:35

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50371663001	Trip Blank	EPA 8260	TMW	72	PASI-I
50371663002	B-1 (3-4)	EPA 6010	ELK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I
50371663003	B-1 (12.5-15)	EPA 6010	ELK	1	PASI-I
		EPA 8270 by SIM	JCM	20	PASI-I
		EPA 8260	TMW	72	PASI-I
		SM 2540G	QAK	1	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50371663002	B-1 (3-4)					
EPA 6010	Lead	16.1	mg/kg	1.2	05/10/24 11:58	
SM 2540G	Percent Moisture	23.0	%	0.10	05/09/24 14:09	N2
50371663003	B-1 (12.5-15)					
EPA 6010	Lead	7.9	mg/kg	1.2	05/10/24 11:59	
SM 2540G	Percent Moisture	25.4	%	0.10	05/09/24 14:10	N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

Sample: Trip Blank Lab ID: 50371663001 Collected: 04/26/24 08:00 Received: 04/26/24 14:35 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/kg	100	1		05/03/24 17:14	67-64-1	
Acrolein	ND	ug/kg	100	1		05/03/24 17:14	107-02-8	
Acrylonitrile	ND	ug/kg	100	1		05/03/24 17:14	107-13-1	
Benzene	ND	ug/kg	5.0	1		05/03/24 17:14	71-43-2	
Bromobenzene	ND	ug/kg	5.0	1		05/03/24 17:14	108-86-1	
Bromochloromethane	ND	ug/kg	5.0	1		05/03/24 17:14	74-97-5	
Bromodichloromethane	ND	ug/kg	5.0	1		05/03/24 17:14	75-27-4	
Bromoform	ND	ug/kg	5.0	1		05/03/24 17:14	75-25-2	
Bromomethane	ND	ug/kg	5.0	1		05/03/24 17:14	74-83-9	
2-Butanone (MEK)	ND	ug/kg	25.0	1		05/03/24 17:14	78-93-3	
n-Butylbenzene	ND	ug/kg	5.0	1		05/03/24 17:14	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.0	1		05/03/24 17:14	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.0	1		05/03/24 17:14	98-06-6	
Carbon disulfide	ND	ug/kg	10.0	1		05/03/24 17:14	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	1		05/03/24 17:14	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1		05/03/24 17:14	108-90-7	
Chloroethane	ND	ug/kg	5.0	1		05/03/24 17:14	75-00-3	
Chloroform	ND	ug/kg	5.0	1		05/03/24 17:14	67-66-3	
Chloromethane	ND	ug/kg	5.0	1		05/03/24 17:14	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.0	1		05/03/24 17:14	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.0	1		05/03/24 17:14	106-43-4	
Dibromochloromethane	ND	ug/kg	5.0	1		05/03/24 17:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1		05/03/24 17:14	106-93-4	
Dibromomethane	ND	ug/kg	5.0	1		05/03/24 17:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1		05/03/24 17:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1		05/03/24 17:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1		05/03/24 17:14	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	100	1		05/03/24 17:14	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.0	1		05/03/24 17:14	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.0	1		05/03/24 17:14	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1		05/03/24 17:14	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.0	1		05/03/24 17:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1		05/03/24 17:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1		05/03/24 17:14	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1		05/03/24 17:14	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.0	1		05/03/24 17:14	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.0	1		05/03/24 17:14	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.0	1		05/03/24 17:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1		05/03/24 17:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1		05/03/24 17:14	10061-02-6	
Ethylbenzene	ND	ug/kg	5.0	1		05/03/24 17:14	100-41-4	
Ethyl methacrylate	ND	ug/kg	100	1		05/03/24 17:14	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	1		05/03/24 17:14	87-68-3	
n-Hexane	ND	ug/kg	5.0	1		05/03/24 17:14	110-54-3	
2-Hexanone	ND	ug/kg	100	1		05/03/24 17:14	591-78-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

Sample: Trip Blank Lab ID: 50371663001 Collected: 04/26/24 08:00 Received: 04/26/24 14:35 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Iodomethane	ND	ug/kg	100	1		05/03/24 17:14	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1		05/03/24 17:14	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.0	1		05/03/24 17:14	99-87-6	
Methylene Chloride	ND	ug/kg	20.0	1		05/03/24 17:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	25.0	1		05/03/24 17:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1		05/03/24 17:14	1634-04-4	
n-Propylbenzene	ND	ug/kg	5.0	1		05/03/24 17:14	103-65-1	
Styrene	ND	ug/kg	5.0	1		05/03/24 17:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	1		05/03/24 17:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1		05/03/24 17:14	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1		05/03/24 17:14	127-18-4	
Toluene	ND	ug/kg	5.0	1		05/03/24 17:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	1		05/03/24 17:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1		05/03/24 17:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1		05/03/24 17:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1		05/03/24 17:14	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1		05/03/24 17:14	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	1		05/03/24 17:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.0	1		05/03/24 17:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1		05/03/24 17:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1		05/03/24 17:14	108-67-8	
Vinyl acetate	ND	ug/kg	100	1		05/03/24 17:14	108-05-4	
Vinyl chloride	ND	ug/kg	5.0	1		05/03/24 17:14	75-01-4	
Xylene (Total)	ND	ug/kg	10.0	1		05/03/24 17:14	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	75-135	1		05/03/24 17:14	1868-53-7	
Toluene-d8 (S)	100	%.	65-148	1		05/03/24 17:14	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	63-132	1		05/03/24 17:14	460-00-4	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

Sample: B-1 (3-4) Lab ID: 50371663002 Collected: 04/26/24 11:15 Received: 04/26/24 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Pace Analytical Services - Indianapolis								
Lead	16.1	mg/kg	1.2	1	05/09/24 15:40	05/10/24 11:58	7439-92-1	
8270 PAH Soil by SIM								
Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Pace Analytical Services - Indianapolis								
Acenaphthene	ND	mg/kg	0.0062	1	05/01/24 19:01	05/03/24 00:39	83-32-9	
Acenaphthylene	ND	mg/kg	0.0062	1	05/01/24 19:01	05/03/24 00:39	208-96-8	
Anthracene	ND	mg/kg	0.0062	1	05/01/24 19:01	05/03/24 00:39	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0062	1	05/01/24 19:01	05/03/24 00:39	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0062	1	05/01/24 19:01	05/03/24 00:39	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0062	1	05/01/24 19:01	05/03/24 00:39	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0062	1	05/01/24 19:01	05/03/24 00:39	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0062	1	05/01/24 19:01	05/03/24 00:39	207-08-9	
Chrysene	ND	mg/kg	0.0062	1	05/01/24 19:01	05/03/24 00:39	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0062	1	05/01/24 19:01	05/03/24 00:39	53-70-3	
Fluoranthene	ND	mg/kg	0.0062	1	05/01/24 19:01	05/03/24 00:39	206-44-0	
Fluorene	ND	mg/kg	0.0062	1	05/01/24 19:01	05/03/24 00:39	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0062	1	05/01/24 19:01	05/03/24 00:39	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0062	1	05/01/24 19:01	05/03/24 00:39	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0062	1	05/01/24 19:01	05/03/24 00:39	91-57-6	
Naphthalene	ND	mg/kg	0.0062	1	05/01/24 19:01	05/03/24 00:39	91-20-3	
Phenanthrene	ND	mg/kg	0.0062	1	05/01/24 19:01	05/03/24 00:39	85-01-8	
Pyrene	ND	mg/kg	0.0062	1	05/01/24 19:01	05/03/24 00:39	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	63	%.	16-93	1	05/01/24 19:01	05/03/24 00:39	321-60-8	
p-Terphenyl-d14 (S)	78	%.	19-115	1	05/01/24 19:01	05/03/24 00:39	1718-51-0	
8260 MSV 5035A VOA								
Analytical Method: EPA 8260								
Pace Analytical Services - Indianapolis								
Acetone	ND	ug/kg	110	1		05/03/24 17:36	67-64-1	
Acrolein	ND	ug/kg	110	1		05/03/24 17:36	107-02-8	
Acrylonitrile	ND	ug/kg	110	1		05/03/24 17:36	107-13-1	
Benzene	ND	ug/kg	5.5	1		05/03/24 17:36	71-43-2	
Bromobenzene	ND	ug/kg	5.5	1		05/03/24 17:36	108-86-1	
Bromochloromethane	ND	ug/kg	5.5	1		05/03/24 17:36	74-97-5	
Bromodichloromethane	ND	ug/kg	5.5	1		05/03/24 17:36	75-27-4	
Bromoform	ND	ug/kg	5.5	1		05/03/24 17:36	75-25-2	
Bromomethane	ND	ug/kg	5.5	1		05/03/24 17:36	74-83-9	
2-Butanone (MEK)	ND	ug/kg	27.6	1		05/03/24 17:36	78-93-3	
n-Butylbenzene	ND	ug/kg	5.5	1		05/03/24 17:36	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.5	1		05/03/24 17:36	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.5	1		05/03/24 17:36	98-06-6	
Carbon disulfide	ND	ug/kg	11.0	1		05/03/24 17:36	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.5	1		05/03/24 17:36	56-23-5	
Chlorobenzene	ND	ug/kg	5.5	1		05/03/24 17:36	108-90-7	
Chloroethane	ND	ug/kg	5.5	1		05/03/24 17:36	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

Sample: B-1 (3-4) Lab ID: 50371663002 Collected: 04/26/24 11:15 Received: 04/26/24 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	5.5	1		05/03/24 17:36	67-66-3	
Chloromethane	ND	ug/kg	5.5	1		05/03/24 17:36	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.5	1		05/03/24 17:36	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.5	1		05/03/24 17:36	106-43-4	
Dibromochloromethane	ND	ug/kg	5.5	1		05/03/24 17:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.5	1		05/03/24 17:36	106-93-4	
Dibromomethane	ND	ug/kg	5.5	1		05/03/24 17:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.5	1		05/03/24 17:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.5	1		05/03/24 17:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.5	1		05/03/24 17:36	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	110	1		05/03/24 17:36	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.5	1		05/03/24 17:36	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.5	1		05/03/24 17:36	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.5	1		05/03/24 17:36	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.5	1		05/03/24 17:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.5	1		05/03/24 17:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.5	1		05/03/24 17:36	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.5	1		05/03/24 17:36	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.5	1		05/03/24 17:36	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.5	1		05/03/24 17:36	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.5	1		05/03/24 17:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.5	1		05/03/24 17:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.5	1		05/03/24 17:36	10061-02-6	
Ethylbenzene	ND	ug/kg	5.5	1		05/03/24 17:36	100-41-4	
Ethyl methacrylate	ND	ug/kg	110	1		05/03/24 17:36	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.5	1		05/03/24 17:36	87-68-3	
n-Hexane	ND	ug/kg	5.5	1		05/03/24 17:36	110-54-3	
2-Hexanone	ND	ug/kg	110	1		05/03/24 17:36	591-78-6	
Iodomethane	ND	ug/kg	110	1		05/03/24 17:36	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	1		05/03/24 17:36	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.5	1		05/03/24 17:36	99-87-6	
Methylene Chloride	ND	ug/kg	22.1	1		05/03/24 17:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	27.6	1		05/03/24 17:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.5	1		05/03/24 17:36	1634-04-4	
n-Propylbenzene	ND	ug/kg	5.5	1		05/03/24 17:36	103-65-1	
Styrene	ND	ug/kg	5.5	1		05/03/24 17:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.5	1		05/03/24 17:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.5	1		05/03/24 17:36	79-34-5	
Tetrachloroethene	ND	ug/kg	5.5	1		05/03/24 17:36	127-18-4	
Toluene	ND	ug/kg	5.5	1		05/03/24 17:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.5	1		05/03/24 17:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.5	1		05/03/24 17:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.5	1		05/03/24 17:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.5	1		05/03/24 17:36	79-00-5	
Trichloroethene	ND	ug/kg	5.5	1		05/03/24 17:36	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

Sample: B-1 (3-4) Lab ID: 50371663002 Collected: 04/26/24 11:15 Received: 04/26/24 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	5.5	1		05/03/24 17:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.5	1		05/03/24 17:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.5	1		05/03/24 17:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.5	1		05/03/24 17:36	108-67-8	
Vinyl acetate	ND	ug/kg	110	1		05/03/24 17:36	108-05-4	
Vinyl chloride	ND	ug/kg	5.5	1		05/03/24 17:36	75-01-4	
Xylene (Total)	ND	ug/kg	11.0	1		05/03/24 17:36	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%	75-135	1		05/03/24 17:36	1868-53-7	
Toluene-d8 (S)	103	%	65-148	1		05/03/24 17:36	2037-26-5	
4-Bromofluorobenzene (S)	99	%	63-132	1		05/03/24 17:36	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	23.0	%	0.10	1		05/09/24 14:09		N2

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

Sample: B-1 (12.5-15) Lab ID: 50371663003 Collected: 04/26/24 11:30 Received: 04/26/24 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Indianapolis						
Lead	7.9	mg/kg	1.2	1	05/09/24 15:40	05/10/24 11:59	7439-92-1	
8270 PAH Soil by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 Pace Analytical Services - Indianapolis						
Acenaphthene	ND	mg/kg	0.0065	1	05/01/24 19:01	05/03/24 00:54	83-32-9	
Acenaphthylene	ND	mg/kg	0.0065	1	05/01/24 19:01	05/03/24 00:54	208-96-8	
Anthracene	ND	mg/kg	0.0065	1	05/01/24 19:01	05/03/24 00:54	120-12-7	
Benzo(a)anthracene	ND	mg/kg	0.0065	1	05/01/24 19:01	05/03/24 00:54	56-55-3	
Benzo(a)pyrene	ND	mg/kg	0.0065	1	05/01/24 19:01	05/03/24 00:54	50-32-8	
Benzo(b)fluoranthene	ND	mg/kg	0.0065	1	05/01/24 19:01	05/03/24 00:54	205-99-2	
Benzo(g,h,i)perylene	ND	mg/kg	0.0065	1	05/01/24 19:01	05/03/24 00:54	191-24-2	
Benzo(k)fluoranthene	ND	mg/kg	0.0065	1	05/01/24 19:01	05/03/24 00:54	207-08-9	
Chrysene	ND	mg/kg	0.0065	1	05/01/24 19:01	05/03/24 00:54	218-01-9	
Dibenz(a,h)anthracene	ND	mg/kg	0.0065	1	05/01/24 19:01	05/03/24 00:54	53-70-3	
Fluoranthene	ND	mg/kg	0.0065	1	05/01/24 19:01	05/03/24 00:54	206-44-0	
Fluorene	ND	mg/kg	0.0065	1	05/01/24 19:01	05/03/24 00:54	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.0065	1	05/01/24 19:01	05/03/24 00:54	193-39-5	
1-Methylnaphthalene	ND	mg/kg	0.0065	1	05/01/24 19:01	05/03/24 00:54	90-12-0	
2-Methylnaphthalene	ND	mg/kg	0.0065	1	05/01/24 19:01	05/03/24 00:54	91-57-6	
Naphthalene	ND	mg/kg	0.0065	1	05/01/24 19:01	05/03/24 00:54	91-20-3	
Phenanthrene	ND	mg/kg	0.0065	1	05/01/24 19:01	05/03/24 00:54	85-01-8	
Pyrene	ND	mg/kg	0.0065	1	05/01/24 19:01	05/03/24 00:54	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	70	%.	16-93	1	05/01/24 19:01	05/03/24 00:54	321-60-8	
p-Terphenyl-d14 (S)	91	%.	19-115	1	05/01/24 19:01	05/03/24 00:54	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/kg	109	1		05/06/24 17:17	67-64-1	
Acrolein	ND	ug/kg	109	1		05/06/24 17:17	107-02-8	
Acrylonitrile	ND	ug/kg	109	1		05/06/24 17:17	107-13-1	
Benzene	ND	ug/kg	5.5	1		05/06/24 17:17	71-43-2	
Bromobenzene	ND	ug/kg	5.5	1		05/06/24 17:17	108-86-1	
Bromochloromethane	ND	ug/kg	5.5	1		05/06/24 17:17	74-97-5	
Bromodichloromethane	ND	ug/kg	5.5	1		05/06/24 17:17	75-27-4	
Bromoform	ND	ug/kg	5.5	1		05/06/24 17:17	75-25-2	
Bromomethane	ND	ug/kg	5.5	1		05/06/24 17:17	74-83-9	
2-Butanone (MEK)	ND	ug/kg	27.3	1		05/06/24 17:17	78-93-3	
n-Butylbenzene	ND	ug/kg	5.5	1		05/06/24 17:17	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.5	1		05/06/24 17:17	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.5	1		05/06/24 17:17	98-06-6	
Carbon disulfide	ND	ug/kg	10.9	1		05/06/24 17:17	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.5	1		05/06/24 17:17	56-23-5	
Chlorobenzene	ND	ug/kg	5.5	1		05/06/24 17:17	108-90-7	
Chloroethane	ND	ug/kg	5.5	1		05/06/24 17:17	75-00-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

Sample: B-1 (12.5-15) Lab ID: 50371663003 Collected: 04/26/24 11:30 Received: 04/26/24 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Chloroform	ND	ug/kg	5.5	1		05/06/24 17:17	67-66-3	
Chloromethane	ND	ug/kg	5.5	1		05/06/24 17:17	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.5	1		05/06/24 17:17	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.5	1		05/06/24 17:17	106-43-4	
Dibromochloromethane	ND	ug/kg	5.5	1		05/06/24 17:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.5	1		05/06/24 17:17	106-93-4	
Dibromomethane	ND	ug/kg	5.5	1		05/06/24 17:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.5	1		05/06/24 17:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.5	1		05/06/24 17:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.5	1		05/06/24 17:17	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	109	1		05/06/24 17:17	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.5	1		05/06/24 17:17	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.5	1		05/06/24 17:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.5	1		05/06/24 17:17	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.5	1		05/06/24 17:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.5	1		05/06/24 17:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.5	1		05/06/24 17:17	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.5	1		05/06/24 17:17	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.5	1		05/06/24 17:17	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.5	1		05/06/24 17:17	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.5	1		05/06/24 17:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.5	1		05/06/24 17:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.5	1		05/06/24 17:17	10061-02-6	
Ethylbenzene	ND	ug/kg	5.5	1		05/06/24 17:17	100-41-4	
Ethyl methacrylate	ND	ug/kg	109	1		05/06/24 17:17	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.5	1		05/06/24 17:17	87-68-3	
n-Hexane	ND	ug/kg	5.5	1		05/06/24 17:17	110-54-3	
2-Hexanone	ND	ug/kg	109	1		05/06/24 17:17	591-78-6	
Iodomethane	ND	ug/kg	109	1		05/06/24 17:17	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	1		05/06/24 17:17	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.5	1		05/06/24 17:17	99-87-6	
Methylene Chloride	ND	ug/kg	21.8	1		05/06/24 17:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	27.3	1		05/06/24 17:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.5	1		05/06/24 17:17	1634-04-4	
n-Propylbenzene	ND	ug/kg	5.5	1		05/06/24 17:17	103-65-1	
Styrene	ND	ug/kg	5.5	1		05/06/24 17:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.5	1		05/06/24 17:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.5	1		05/06/24 17:17	79-34-5	
Tetrachloroethene	ND	ug/kg	5.5	1		05/06/24 17:17	127-18-4	
Toluene	ND	ug/kg	5.5	1		05/06/24 17:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.5	1		05/06/24 17:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.5	1		05/06/24 17:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.5	1		05/06/24 17:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.5	1		05/06/24 17:17	79-00-5	
Trichloroethene	ND	ug/kg	5.5	1		05/06/24 17:17	79-01-6	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

Sample: B-1 (12.5-15) Lab ID: 50371663003 Collected: 04/26/24 11:30 Received: 04/26/24 14:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260 Pace Analytical Services - Indianapolis						
Trichlorofluoromethane	ND	ug/kg	5.5	1		05/06/24 17:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.5	1		05/06/24 17:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.5	1		05/06/24 17:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.5	1		05/06/24 17:17	108-67-8	
Vinyl acetate	ND	ug/kg	109	1		05/06/24 17:17	108-05-4	
Vinyl chloride	ND	ug/kg	5.5	1		05/06/24 17:17	75-01-4	
Xylene (Total)	ND	ug/kg	10.9	1		05/06/24 17:17	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	75-135	1		05/06/24 17:17	1868-53-7	
Toluene-d8 (S)	98	%	65-148	1		05/06/24 17:17	2037-26-5	
4-Bromofluorobenzene (S)	101	%	63-132	1		05/06/24 17:17	460-00-4	
Percent Moisture		Analytical Method: SM 2540G Pace Analytical Services - Indianapolis						
Percent Moisture	25.4	%	0.10	1		05/09/24 14:10		N2

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

QC Batch: 787735	Analysis Method: EPA 6010
QC Batch Method: EPA 3050	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371663002, 50371663003

METHOD BLANK: 3603453 Matrix: Solid

Associated Lab Samples: 50371663002, 50371663003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	ND	1.0	05/10/24 11:16	

LABORATORY CONTROL SAMPLE: 3603454

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	47.4	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3603455 3603456

Parameter	Units	3603455		3603456		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Lead	mg/kg	53.7	53.5	97.2	80.5	81	49	75-125	19	20	M0

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

QC Batch: 788108

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371663001, 50371663002

METHOD BLANK: 3605374

Matrix: Solid

Associated Lab Samples: 50371663001, 50371663002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	05/03/24 10:45	
1,1,1-Trichloroethane	ug/kg	ND	5.0	05/03/24 10:45	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	05/03/24 10:45	
1,1,2-Trichloroethane	ug/kg	ND	5.0	05/03/24 10:45	
1,1-Dichloroethane	ug/kg	ND	5.0	05/03/24 10:45	
1,1-Dichloroethene	ug/kg	ND	5.0	05/03/24 10:45	
1,1-Dichloropropene	ug/kg	ND	5.0	05/03/24 10:45	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	05/03/24 10:45	
1,2,3-Trichloropropane	ug/kg	ND	5.0	05/03/24 10:45	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	05/03/24 10:45	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	05/03/24 10:45	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	05/03/24 10:45	
1,2-Dichlorobenzene	ug/kg	ND	5.0	05/03/24 10:45	
1,2-Dichloroethane	ug/kg	ND	5.0	05/03/24 10:45	
1,2-Dichloropropane	ug/kg	ND	5.0	05/03/24 10:45	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	05/03/24 10:45	
1,3-Dichlorobenzene	ug/kg	ND	5.0	05/03/24 10:45	
1,3-Dichloropropane	ug/kg	ND	5.0	05/03/24 10:45	
1,4-Dichlorobenzene	ug/kg	ND	5.0	05/03/24 10:45	
2,2-Dichloropropane	ug/kg	ND	5.0	05/03/24 10:45	
2-Butanone (MEK)	ug/kg	ND	25.0	05/03/24 10:45	
2-Chlorotoluene	ug/kg	ND	5.0	05/03/24 10:45	
2-Hexanone	ug/kg	ND	100	05/03/24 10:45	
4-Chlorotoluene	ug/kg	ND	5.0	05/03/24 10:45	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	05/03/24 10:45	
Acetone	ug/kg	ND	100	05/03/24 10:45	
Acrolein	ug/kg	ND	100	05/03/24 10:45	
Acrylonitrile	ug/kg	ND	100	05/03/24 10:45	
Benzene	ug/kg	ND	5.0	05/03/24 10:45	
Bromobenzene	ug/kg	ND	5.0	05/03/24 10:45	
Bromochloromethane	ug/kg	ND	5.0	05/03/24 10:45	
Bromodichloromethane	ug/kg	ND	5.0	05/03/24 10:45	
Bromoform	ug/kg	ND	5.0	05/03/24 10:45	
Bromomethane	ug/kg	ND	5.0	05/03/24 10:45	
Carbon disulfide	ug/kg	ND	10.0	05/03/24 10:45	
Carbon tetrachloride	ug/kg	ND	5.0	05/03/24 10:45	
Chlorobenzene	ug/kg	ND	5.0	05/03/24 10:45	
Chloroethane	ug/kg	ND	5.0	05/03/24 10:45	
Chloroform	ug/kg	ND	5.0	05/03/24 10:45	
Chloromethane	ug/kg	ND	5.0	05/03/24 10:45	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure
Pace Project No.: 50371663

METHOD BLANK: 3605374 Matrix: Solid
Associated Lab Samples: 50371663001, 50371663002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	05/03/24 10:45	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	05/03/24 10:45	
Dibromochloromethane	ug/kg	ND	5.0	05/03/24 10:45	
Dibromomethane	ug/kg	ND	5.0	05/03/24 10:45	
Dichlorodifluoromethane	ug/kg	ND	5.0	05/03/24 10:45	
Ethyl methacrylate	ug/kg	ND	100	05/03/24 10:45	
Ethylbenzene	ug/kg	ND	5.0	05/03/24 10:45	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	05/03/24 10:45	
Iodomethane	ug/kg	ND	100	05/03/24 10:45	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	05/03/24 10:45	
Methyl-tert-butyl ether	ug/kg	ND	5.0	05/03/24 10:45	
Methylene Chloride	ug/kg	ND	20.0	05/03/24 10:45	
n-Butylbenzene	ug/kg	ND	5.0	05/03/24 10:45	
n-Hexane	ug/kg	ND	5.0	05/03/24 10:45	
n-Propylbenzene	ug/kg	ND	5.0	05/03/24 10:45	
p-Isopropyltoluene	ug/kg	ND	5.0	05/03/24 10:45	
sec-Butylbenzene	ug/kg	ND	5.0	05/03/24 10:45	
Styrene	ug/kg	ND	5.0	05/03/24 10:45	
tert-Butylbenzene	ug/kg	ND	5.0	05/03/24 10:45	
Tetrachloroethene	ug/kg	ND	5.0	05/03/24 10:45	
Toluene	ug/kg	ND	5.0	05/03/24 10:45	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	05/03/24 10:45	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	05/03/24 10:45	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	05/03/24 10:45	
Trichloroethene	ug/kg	ND	5.0	05/03/24 10:45	
Trichlorofluoromethane	ug/kg	ND	5.0	05/03/24 10:45	
Vinyl acetate	ug/kg	ND	100	05/03/24 10:45	
Vinyl chloride	ug/kg	ND	5.0	05/03/24 10:45	
Xylene (Total)	ug/kg	ND	10.0	05/03/24 10:45	
4-Bromofluorobenzene (S)	%	100	63-132	05/03/24 10:45	
Dibromofluoromethane (S)	%	100	75-135	05/03/24 10:45	1d
Toluene-d8 (S)	%	100	65-148	05/03/24 10:45	

LABORATORY CONTROL SAMPLE: 3605375

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	45.9	92	70-129	
1,1,1-Trichloroethane	ug/kg	50	44.7	89	67-134	
1,1,2,2-Tetrachloroethane	ug/kg	50	51.8	104	67-122	
1,1,2-Trichloroethane	ug/kg	50	51.9	104	72-127	
1,1-Dichloroethane	ug/kg	50	49.7	99	72-121	
1,1-Dichloroethene	ug/kg	50	51.2	102	57-140	
1,1-Dichloropropene	ug/kg	50	50.5	101	76-133	
1,2,3-Trichlorobenzene	ug/kg	50	50.6	101	53-139	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

LABORATORY CONTROL SAMPLE: 3605375

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/kg	50	49.1	98	70-124	
1,2,4-Trichlorobenzene	ug/kg	50	53.3	107	49-136	
1,2,4-Trimethylbenzene	ug/kg	50	48.6	97	60-122	
1,2-Dibromoethane (EDB)	ug/kg	50	50.0	100	71-126	
1,2-Dichlorobenzene	ug/kg	50	49.9	100	68-120	
1,2-Dichloroethane	ug/kg	50	45.3	91	67-129	
1,2-Dichloropropane	ug/kg	50	53.0	106	71-123	
1,3,5-Trimethylbenzene	ug/kg	50	47.5	95	62-118	
1,3-Dichlorobenzene	ug/kg	50	50.5	101	65-121	
1,3-Dichloropropane	ug/kg	50	49.9	100	73-127	
1,4-Dichlorobenzene	ug/kg	50	49.9	100	66-122	
2,2-Dichloropropane	ug/kg	50	44.7	89	63-137	
2-Butanone (MEK)	ug/kg	250	260	104	59-136	
2-Chlorotoluene	ug/kg	50	47.9	96	67-121	
2-Hexanone	ug/kg	250	240	96	62-127	
4-Chlorotoluene	ug/kg	50	50.5	101	66-122	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	251	100	67-131	
Acetone	ug/kg	250	258	103	45-127	
Acrolein	ug/kg	1000	1260	126	42-158	
Acrylonitrile	ug/kg	250	255	102	69-127	
Benzene	ug/kg	50	51.4	103	69-125	
Bromobenzene	ug/kg	50	47.5	95	69-121	
Bromochloromethane	ug/kg	50	48.8	98	70-125	
Bromodichloromethane	ug/kg	50	46.6	93	77-130	
Bromoform	ug/kg	50	45.9	92	67-128	
Bromomethane	ug/kg	50	75.5	151	60-156	
Carbon disulfide	ug/kg	50	51.1	102	47-137	
Carbon tetrachloride	ug/kg	50	43.4	87	68-132	
Chlorobenzene	ug/kg	50	49.3	99	68-122	
Chloroethane	ug/kg	50	63.9	128	61-137	
Chloroform	ug/kg	50	47.8	96	71-124	
Chloromethane	ug/kg	50	58.9	118	56-131	
cis-1,2-Dichloroethene	ug/kg	50	51.8	104	70-123	
cis-1,3-Dichloropropene	ug/kg	50	49.6	99	72-136	
Dibromochloromethane	ug/kg	50	46.7	93	73-130	
Dibromomethane	ug/kg	50	51.1	102	74-123	
Dichlorodifluoromethane	ug/kg	50	39.2	78	23-127	
Ethyl methacrylate	ug/kg	50	51.4J	103	70-131	
Ethylbenzene	ug/kg	50	50.2	100	65-124	
Hexachloro-1,3-butadiene	ug/kg	50	46.7	93	52-133	
Iodomethane	ug/kg	50	49.5J	99	50-137	
Isopropylbenzene (Cumene)	ug/kg	50	47.7	95	65-126	
Methyl-tert-butyl ether	ug/kg	50	49.2	98	69-128	
Methylene Chloride	ug/kg	50	49.3	99	61-128	
n-Butylbenzene	ug/kg	50	51.7	103	62-127	
n-Hexane	ug/kg	50	43.1	86	55-123	
n-Propylbenzene	ug/kg	50	50.5	101	67-124	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

LABORATORY CONTROL SAMPLE: 3605375

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/kg	50	48.3	97	64-124	
sec-Butylbenzene	ug/kg	50	49.9	100	68-124	
Styrene	ug/kg	50	48.8	98	68-124	
tert-Butylbenzene	ug/kg	50	47.0	94	69-122	
Tetrachloroethene	ug/kg	50	47.9	96	62-128	
Toluene	ug/kg	50	50.2	100	60-122	
trans-1,2-Dichloroethene	ug/kg	50	52.6	105	67-124	
trans-1,3-Dichloropropene	ug/kg	50	47.2	94	68-136	
trans-1,4-Dichloro-2-butene	ug/kg	50	47.8J	96	64-134	
Trichloroethene	ug/kg	50	48.8	98	68-128	
Trichlorofluoromethane	ug/kg	50	51.1	102	57-146	
Vinyl acetate	ug/kg	200	274	137	56-181	
Vinyl chloride	ug/kg	50	63.4	127	52-142	
Xylene (Total)	ug/kg	100	96.7	97	62-122	
4-Bromofluorobenzene (S)	%			98	63-132	
Dibromofluoromethane (S)	%			99	75-135	
Toluene-d8 (S)	%			102	65-148	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

QC Batch: 788391

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371663003

METHOD BLANK: 3606570

Matrix: Solid

Associated Lab Samples: 50371663003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	05/06/24 15:16	
1,1,1-Trichloroethane	ug/kg	ND	5.0	05/06/24 15:16	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	05/06/24 15:16	
1,1,2-Trichloroethane	ug/kg	ND	5.0	05/06/24 15:16	
1,1-Dichloroethane	ug/kg	ND	5.0	05/06/24 15:16	
1,1-Dichloroethene	ug/kg	ND	5.0	05/06/24 15:16	
1,1-Dichloropropene	ug/kg	ND	5.0	05/06/24 15:16	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	05/06/24 15:16	
1,2,3-Trichloropropane	ug/kg	ND	5.0	05/06/24 15:16	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	05/06/24 15:16	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	05/06/24 15:16	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	05/06/24 15:16	
1,2-Dichlorobenzene	ug/kg	ND	5.0	05/06/24 15:16	
1,2-Dichloroethane	ug/kg	ND	5.0	05/06/24 15:16	
1,2-Dichloropropane	ug/kg	ND	5.0	05/06/24 15:16	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	05/06/24 15:16	
1,3-Dichlorobenzene	ug/kg	ND	5.0	05/06/24 15:16	
1,3-Dichloropropane	ug/kg	ND	5.0	05/06/24 15:16	
1,4-Dichlorobenzene	ug/kg	ND	5.0	05/06/24 15:16	
2,2-Dichloropropane	ug/kg	ND	5.0	05/06/24 15:16	
2-Butanone (MEK)	ug/kg	ND	25.0	05/06/24 15:16	
2-Chlorotoluene	ug/kg	ND	5.0	05/06/24 15:16	
2-Hexanone	ug/kg	ND	100	05/06/24 15:16	
4-Chlorotoluene	ug/kg	ND	5.0	05/06/24 15:16	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	05/06/24 15:16	
Acetone	ug/kg	ND	100	05/06/24 15:16	
Acrolein	ug/kg	ND	100	05/06/24 15:16	
Acrylonitrile	ug/kg	ND	100	05/06/24 15:16	
Benzene	ug/kg	ND	5.0	05/06/24 15:16	
Bromobenzene	ug/kg	ND	5.0	05/06/24 15:16	
Bromochloromethane	ug/kg	ND	5.0	05/06/24 15:16	
Bromodichloromethane	ug/kg	ND	5.0	05/06/24 15:16	
Bromoform	ug/kg	ND	5.0	05/06/24 15:16	
Bromomethane	ug/kg	ND	5.0	05/06/24 15:16	
Carbon disulfide	ug/kg	ND	10.0	05/06/24 15:16	
Carbon tetrachloride	ug/kg	ND	5.0	05/06/24 15:16	
Chlorobenzene	ug/kg	ND	5.0	05/06/24 15:16	
Chloroethane	ug/kg	ND	5.0	05/06/24 15:16	
Chloroform	ug/kg	ND	5.0	05/06/24 15:16	
Chloromethane	ug/kg	ND	5.0	05/06/24 15:16	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

METHOD BLANK: 3606570

Matrix: Solid

Associated Lab Samples: 50371663003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/kg	ND	5.0	05/06/24 15:16	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	05/06/24 15:16	
Dibromochloromethane	ug/kg	ND	5.0	05/06/24 15:16	
Dibromomethane	ug/kg	ND	5.0	05/06/24 15:16	
Dichlorodifluoromethane	ug/kg	ND	5.0	05/06/24 15:16	
Ethyl methacrylate	ug/kg	ND	100	05/06/24 15:16	
Ethylbenzene	ug/kg	ND	5.0	05/06/24 15:16	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	05/06/24 15:16	
Iodomethane	ug/kg	ND	100	05/06/24 15:16	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	05/06/24 15:16	
Methyl-tert-butyl ether	ug/kg	ND	5.0	05/06/24 15:16	
Methylene Chloride	ug/kg	ND	20.0	05/06/24 15:16	
n-Butylbenzene	ug/kg	ND	5.0	05/06/24 15:16	
n-Hexane	ug/kg	ND	5.0	05/06/24 15:16	
n-Propylbenzene	ug/kg	ND	5.0	05/06/24 15:16	
p-Isopropyltoluene	ug/kg	ND	5.0	05/06/24 15:16	
sec-Butylbenzene	ug/kg	ND	5.0	05/06/24 15:16	
Styrene	ug/kg	ND	5.0	05/06/24 15:16	
tert-Butylbenzene	ug/kg	ND	5.0	05/06/24 15:16	
Tetrachloroethene	ug/kg	ND	5.0	05/06/24 15:16	
Toluene	ug/kg	ND	5.0	05/06/24 15:16	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	05/06/24 15:16	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	05/06/24 15:16	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	05/06/24 15:16	
Trichloroethene	ug/kg	ND	5.0	05/06/24 15:16	
Trichlorofluoromethane	ug/kg	ND	5.0	05/06/24 15:16	
Vinyl acetate	ug/kg	ND	100	05/06/24 15:16	
Vinyl chloride	ug/kg	ND	5.0	05/06/24 15:16	
Xylene (Total)	ug/kg	ND	10.0	05/06/24 15:16	
4-Bromofluorobenzene (S)	%	101	63-132	05/06/24 15:16	
Dibromofluoromethane (S)	%	98	75-135	05/06/24 15:16	
Toluene-d8 (S)	%	100	65-148	05/06/24 15:16	

LABORATORY CONTROL SAMPLE: 3606571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	37.0	74	67-134	
1,1,2,2-Tetrachloroethane	ug/kg	50	42.7	85	67-122	
1,1-Dichloroethene	ug/kg	50	42.4	85	57-140	
1,2,4-Trimethylbenzene	ug/kg	50	39.6	79	60-122	
1,2-Dibromoethane (EDB)	ug/kg	50	42.5	85	71-126	
1,2-Dichloroethane	ug/kg	50	38.5	77	67-129	
1,2-Dichloropropane	ug/kg	50	44.7	89	71-123	
1,3,5-Trimethylbenzene	ug/kg	50	38.9	78	62-118	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure
Pace Project No.: 50371663

LABORATORY CONTROL SAMPLE: 3606571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	50	43.6	87	69-125	
Chlorobenzene	ug/kg	50	41.3	83	68-122	
Chloroform	ug/kg	50	40.2	80	71-124	
cis-1,2-Dichloroethene	ug/kg	50	43.6	87	70-123	
Ethylbenzene	ug/kg	50	42.9	86	65-124	
Isopropylbenzene (Cumene)	ug/kg	50	40.5	81	65-126	
Methyl-tert-butyl ether	ug/kg	50	41.0	82	69-128	
n-Hexane	ug/kg	50	34.8	70	55-123	
Tetrachloroethene	ug/kg	50	39.9	80	62-128	
Toluene	ug/kg	50	42.0	84	60-122	
trans-1,2-Dichloroethene	ug/kg	50	43.7	87	67-124	
Trichloroethene	ug/kg	50	40.9	82	68-128	
Vinyl chloride	ug/kg	50	51.2	102	52-142	
Xylene (Total)	ug/kg	100	82.0	82	62-122	
4-Bromofluorobenzene (S)	%			99	63-132	
Dibromofluoromethane (S)	%			97	75-135	
Toluene-d8 (S)	%			101	65-148	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3607074 3607075

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		50371897017 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1-Trichloroethane	ug/kg	ND	48.6	47.9	46.0	47.6	95	100	52-148	3	20	
1,1,2,2-Tetrachloroethane	ug/kg	ND	48.6	47.9	53.5	49.5	110	103	24-166	8	20	
1,1-Dichloroethene	ug/kg	ND	48.6	47.9	44.4	47.0	91	98	39-162	6	20	
1,2,4-Trimethylbenzene	ug/kg	ND	48.6	47.9	46.0	46.3	95	97	12-157	1	20	
1,2-Dibromoethane (EDB)	ug/kg	ND	48.6	47.9	49.1	46.1	101	96	36-141	6	20	
1,2-Dichloroethane	ug/kg	ND	48.6	47.9	50.6	50.6	104	106	48-138	0	20	
1,2-Dichloropropane	ug/kg	ND	48.6	47.9	47.9	47.2	98	99	45-140	1	20	
Benzene	ug/kg	ND	48.6	47.9	44.9	45.5	92	95	48-137	1	20	
Chlorobenzene	ug/kg	ND	48.6	47.9	40.3	38.7	83	81	28-136	4	20	
Chloroform	ug/kg	ND	48.6	47.9	47.8	48.0	98	100	54-136	0	20	
cis-1,2-Dichloroethene	ug/kg	ND	48.6	47.9	44.4	42.8	91	89	52-132	4	20	
Ethylbenzene	ug/kg	ND	48.6	47.9	45.0	45.5	93	95	24-150	1	20	
Isopropylbenzene (Cumene)	ug/kg	ND	48.6	47.9	44.0	43.4	90	91	30-144	1	20	
Methyl-tert-butyl ether	ug/kg	ND	48.6	47.9	55.3	54.2	114	113	57-141	2	20	
n-Hexane	ug/kg	ND	48.6	47.9	36.8	41.7	76	87	22-150	13	20	
Tetrachloroethene	ug/kg	ND	48.6	47.9	44.7	45.0	92	94	26-159	1	20	
Toluene	ug/kg	ND	48.6	47.9	45.0	45.2	93	94	28-150	0	20	
trans-1,2-Dichloroethene	ug/kg	ND	48.6	47.9	38.8	41.0	80	86	50-134	5	20	
Trichloroethene	ug/kg	ND	48.6	47.9	40.4	41.4	83	86	33-155	2	20	
Vinyl chloride	ug/kg	ND	48.6	47.9	44.0	46.7	91	97	37-161	6	20	
Xylene (Total)	ug/kg	ND	97.2	95.8	85.1	84.5	88	88	25-142	1	20	
4-Bromofluorobenzene (S)	%						95	92	63-132			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3607074 3607075											
Parameter	Units	50371897017		3607074		3607075		% Rec	% Rec	% Rec	Max
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec				
Dibromofluoromethane (S)	%.							104	104	75-135	
Toluene-d8 (S)	%.							108	104	65-148	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

QC Batch: 787704

Analysis Method: EPA 8270 by SIM

QC Batch Method: EPA 3546

Analysis Description: 8270 Soil PAH by SIM

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371663002, 50371663003

METHOD BLANK: 3603196

Matrix: Solid

Associated Lab Samples: 50371663002, 50371663003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	ND	0.0050	05/02/24 23:42	
2-Methylnaphthalene	mg/kg	ND	0.0050	05/02/24 23:42	
Acenaphthene	mg/kg	ND	0.0050	05/02/24 23:42	
Acenaphthylene	mg/kg	ND	0.0050	05/02/24 23:42	
Anthracene	mg/kg	ND	0.0050	05/02/24 23:42	
Benzo(a)anthracene	mg/kg	ND	0.0050	05/02/24 23:42	
Benzo(a)pyrene	mg/kg	ND	0.0050	05/02/24 23:42	
Benzo(b)fluoranthene	mg/kg	ND	0.0050	05/02/24 23:42	
Benzo(g,h,i)perylene	mg/kg	ND	0.0050	05/02/24 23:42	
Benzo(k)fluoranthene	mg/kg	ND	0.0050	05/02/24 23:42	
Chrysene	mg/kg	ND	0.0050	05/02/24 23:42	
Dibenz(a,h)anthracene	mg/kg	ND	0.0050	05/02/24 23:42	
Fluoranthene	mg/kg	ND	0.0050	05/02/24 23:42	
Fluorene	mg/kg	ND	0.0050	05/02/24 23:42	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.0050	05/02/24 23:42	
Naphthalene	mg/kg	ND	0.0050	05/02/24 23:42	
Phenanthrene	mg/kg	ND	0.0050	05/02/24 23:42	
Pyrene	mg/kg	ND	0.0050	05/02/24 23:42	
2-Fluorobiphenyl (S)	%	75	16-93	05/02/24 23:42	
p-Terphenyl-d14 (S)	%	95	19-115	05/02/24 23:42	

LABORATORY CONTROL SAMPLE: 3603197

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	0.67	0.55	83	49-116	
2-Methylnaphthalene	mg/kg	0.67	0.53	79	48-116	
Acenaphthene	mg/kg	0.67	0.51	76	48-118	
Acenaphthylene	mg/kg	0.67	0.56	85	50-123	
Anthracene	mg/kg	0.67	0.49	74	45-123	
Benzo(a)anthracene	mg/kg	0.67	0.57	86	52-131	
Benzo(a)pyrene	mg/kg	0.67	0.62	94	56-135	
Benzo(b)fluoranthene	mg/kg	0.67	0.60	91	52-139	
Benzo(g,h,i)perylene	mg/kg	0.67	0.54	81	49-132	
Benzo(k)fluoranthene	mg/kg	0.67	0.59	89	55-134	
Chrysene	mg/kg	0.67	0.54	80	52-127	
Dibenz(a,h)anthracene	mg/kg	0.67	0.58	87	51-137	
Fluoranthene	mg/kg	0.67	0.57	85	53-136	
Fluorene	mg/kg	0.67	0.55	82	52-124	
Indeno(1,2,3-cd)pyrene	mg/kg	0.67	0.57	86	49-139	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

LABORATORY CONTROL SAMPLE: 3603197

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	mg/kg	0.67	0.51	77	45-110	
Phenanthrene	mg/kg	0.67	0.54	81	52-124	
Pyrene	mg/kg	0.67	0.62	93	53-129	
2-Fluorobiphenyl (S)	%			75	16-93	
p-Terphenyl-d14 (S)	%			100	19-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3603198 3603199

Parameter	Units	3603198		3603199		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		50371722001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
1-Methylnaphthalene	mg/kg	ND	0.76	0.74	0.57	0.59	75	79	20-133	3	20	
2-Methylnaphthalene	mg/kg	ND	0.76	0.74	0.55	0.56	73	76	16-136	2	20	
Acenaphthene	mg/kg	ND	0.76	0.74	0.52	0.54	68	73	30-119	5	20	
Acenaphthylene	mg/kg	ND	0.76	0.74	0.58	0.61	76	81	34-117	5	20	
Anthracene	mg/kg	ND	0.76	0.74	0.47	0.50	61	67	16-129	8	20	
Benzo(a)anthracene	mg/kg	ND	0.76	0.74	0.51	0.56	67	75	20-136	9	20	
Benzo(a)pyrene	mg/kg	ND	0.76	0.74	0.54	0.59	71	79	20-142	9	20	
Benzo(b)fluoranthene	mg/kg	ND	0.76	0.74	0.52	0.58	69	77	17-141	10	20	
Benzo(g,h,i)perylene	mg/kg	ND	0.76	0.74	0.45	0.50	60	68	14-130	11	20	
Benzo(k)fluoranthene	mg/kg	ND	0.76	0.74	0.50	0.55	66	74	19-142	10	20	
Chrysene	mg/kg	ND	0.76	0.74	0.49	0.53	64	71	22-131	9	20	
Dibenz(a,h)anthracene	mg/kg	ND	0.76	0.74	0.50	0.55	66	74	27-124	9	20	
Fluoranthene	mg/kg	ND	0.76	0.74	0.52	0.57	68	76	12-155	9	20	
Fluorene	mg/kg	ND	0.76	0.74	0.55	0.58	72	78	25-135	5	20	
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.76	0.74	0.48	0.53	63	71	18-133	10	20	
Naphthalene	mg/kg	ND	0.76	0.74	0.53	0.55	70	73	11-130	3	20	
Phenanthrene	mg/kg	ND	0.76	0.74	0.52	0.56	68	75	11-147	8	20	
Pyrene	mg/kg	ND	0.76	0.74	0.56	0.60	73	80	11-154	7	20	
2-Fluorobiphenyl (S)	%						66	67	16-93			
p-Terphenyl-d14 (S)	%						76	77	19-115			

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

QC Batch: 788951

Analysis Method: SM 2540G

QC Batch Method: SM 2540G

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371663002, 50371663003

SAMPLE DUPLICATE: 3609263

Parameter	Units	50371888001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.6	21.0	12	10	N2,R1

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QUALIFIERS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1d Neither matrix spike nor matrix precision data could be provided for this analytical batch due to insufficient sample volume.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

R1 RPD value was outside control limits.

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METHOD CROSS REFERENCE TABLE

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

Parameter	Matrix	Analytical Method	Preparation Method
6010 MET ICP	Solid	SW-846 6010B	SW-846 3050B
8260 MSV 5035A VOA	Solid	SW-846 8260C	SW-846 5035A
8270 PAH Soil by SIM	Solid	SW-846 8270C	SW-846 3546

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371663

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50371663002	B-1 (3-4)	EPA 3050	787735	EPA 6010	789238
50371663003	B-1 (12.5-15)	EPA 3050	787735	EPA 6010	789238
50371663002	B-1 (3-4)	EPA 3546	787704	EPA 8270 by SIM	788126
50371663003	B-1 (12.5-15)	EPA 3546	787704	EPA 8270 by SIM	788126
50371663001	Trip Blank	EPA 8260	788108		
50371663002	B-1 (3-4)	EPA 8260	788108		
50371663003	B-1 (12.5-15)	EPA 8260	788391		
50371663002	B-1 (3-4)	SM 2540G	788951		
50371663003	B-1 (12.5-15)	SM 2540G	788951		

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Pace® Location Requested (City/State):
Pace Analytical Indianapolis
7726 Moller Road, Indianapolis, IN 46268

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - Affix Workorder/Login Label Here

WO#: 50371663



50371663

Company Name: Arcadis U.S., Inc. - IN
Street Address: 55 Monument Circle, Indianapolis, IN 46204
Customer Project #: 30217526, 0100
Project Name: UPS Terre Haute UST Closure
Site Collection Info/Facility ID (as applicable):
5596 E. Margaret Dr.
Terre Haute, IN. ~~IL~~

Contact/Report To: Griggs, Bryant
Phone #: 317-557-9115
E-Mail: bryant.griggs@arcadis.com
Cc E-Mail:
Invoice To: Stephen Vasco
Invoice E-Mail:
Purchase Order # (if applicable):
Quote #:

Time Zone Collected: [] AK [] PT [] MT [] CT [] ET
Data Deliverables:
 Level II [] Level III [] Level IV
[] EQUIS
[] Other

County / State origin of sample(s): Indiana
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [] No
I O E M U S T
Rush (Pre-approval required):
[] Same Day [] 1 Day [] 2 Day [] 3 Day [] Other
Date Results Requested: ~~3-day RUSH~~ Standard IAS
Field Filtered (if applicable): [] Yes [] No
Analysis:

Specify Container Size **
8 8 10 10
Identify Container Preservative Type***
14 14 14 14
Analysis Requested

(2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other
*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (L), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix*	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine		VOC by 8260/5035	Percent Moisture	PAH by 8270	Lead by 8010
			Date	Time	Date	Time		Results	Units				
Trip Blank (Terre Core kit)	DTB	L6			L6	L6	3			X			
B-1 (3'-4')	SS	G			4/26/2024	1115	5			X	X	X	X
B-1 (12.5'-15')	SS	G			4/26/2024	1130	5			X	X	X	X

Proj. Mgr: Will Statz
AcctNum / Client ID:
Table #:
Profile / Template: 6293-1
Prelog / Bottle Ord. ID: 1173843
Sample Comment

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
VOC by 8260/5035 has a short hold time of 48 Hours

Collected By: Bryant Griggs
Signature:

Customer Remarks / Special Conditions / Possible Hazards:
Coolers: 1
Thermometer ID: F#
Correction Factor (°C): -0.2
Obs. Temp. (°C): 0.4
Corrected Temp. (°C): 0.2
On Ice: Y

Relinquished by/Company: (Signature) BJB / Arcadis
Date/Time: 4/26/2024 / 1435

Received by/Company: (Signature)
Date/Time: 4-26-24 14:35

Tracking Number:
Delivered by: In-Person [] Courier
[] FedEx [] UPS [] Other
Page: of



SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: PC 426-24 16:15

1. Courier: FED EX UPS CLIENT PACE NOW/JETT OTHER _____

2. Custody Seal on Cooler/Box Present: Yes No
 (If yes)Seals Intact: Yes No (leave blank if no seals were present)

3. Thermometer: 1 2 3 4 5 6 7 8 A B C D E F G H

4. Cooler Temperature(s): 0.4/0.2
 (Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. Packing Material: Bubble Wrap Bubble Bags
 None Other _____

6. Ice Type: Wet Blue None

7. Was the PM notified of out of temp cooler?: Yes No
 Cooler temp should be above freezing to 5°C

8. EZ Bottle Order? Yes No

EZ Bottle Order Number:

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		<input checked="" type="checkbox"/>	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.			
Short Hold Time Analysis (48 hours or less)? Analysis: <u>DI TC</u>	<input checked="" type="checkbox"/>		Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form			<input checked="" type="checkbox"/>
Time 5035A TC placed in Freezer or Short Holds To Lab Time: <u>16:22</u>			Residual Chlorine Check (SVOC 625 Pest/PCB 608)	<u>Present</u>	<u>Absent</u>	<u>N/A</u>
Rush TAT Requested (4 days or less):		<input checked="" type="checkbox"/>	Residual Chlorine Check (Total/Amenable/Free Cyanide)			<input checked="" type="checkbox"/>
Custody Signatures Present?	<input checked="" type="checkbox"/>		Headspace Wisconsin Sulfide?			<input checked="" type="checkbox"/>
Containers Intact?:	<input checked="" type="checkbox"/>		Headspace in VOA Vials (>6mm): See Containter Count form for details	<u>Present</u>	<u>Absent</u>	<u>No VOA Vials Sent</u>
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	<input checked="" type="checkbox"/>		Trip Blank Present?	<input checked="" type="checkbox"/>		
Extra labels on Terracore Vials? (soils only)		<input checked="" type="checkbox"/>	Trip Blank Custody Seals?:	<input checked="" type="checkbox"/>		

COMMENTS: 1/3 Terracore vials for both sample points recd without soil PC 4-26-24

April 24, 2024

Mr. Stephen Vasas
Arcadis
55 Monument Circle
Suite 300B
Indianapolis, IN 46204

RE: Project: UPS Terre Haute UST Closure
Pace Project No.: 50371017

Dear Mr. Vasas:

Enclosed are the analytical results for sample(s) received by the laboratory on April 18, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Will Statz
will.statz@pacelabs.com
(317)228-3105
Project Manager

Enclosures

cc: Mr. Bryant Griggs, Arcadis U.S., Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371017

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Washington Dept of Ecology #: C1081

Wisconsin Laboratory #: 999788130

USDA Foreign Soil Permit #: 525-23-13-23119

USDA Compliance Agreement #: IN-SL-22-001

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SAMPLE SUMMARY

Project: UPS Terre Haute UST Closure
Pace Project No.: 50371017

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50371017001	WC-Tank Pit (041724)	Water	04/17/24 08:45	04/18/24 14:27

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SAMPLE ANALYTE COUNT

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371017

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50371017001	WC-Tank Pit (041724)	EPA 8011	BJW	3	PASI-I
		EPA 6010	ELK	1	PASI-I
		EPA 8270 by SIM 40E	GRM	20	PASI-I
		EPA 5030/8260	TMW	72	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

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SUMMARY OF DETECTION

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371017

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50371017001	WC-Tank Pit (041724)					
EPA 6010	Lead	14.2	ug/L	10.0	04/22/24 14:38	
EPA 8270 by SIM 40E	1-Methylnaphthalene	2.3	ug/L	1.0	04/22/24 22:15	
EPA 5030/8260	Benzene	82.2	ug/L	5.0	04/24/24 11:20	
EPA 5030/8260	Ethylbenzene	7.1	ug/L	5.0	04/24/24 11:20	
EPA 5030/8260	Toluene	79.7	ug/L	5.0	04/24/24 11:20	
EPA 5030/8260	1,2,4-Trimethylbenzene	9.2	ug/L	5.0	04/24/24 11:20	
EPA 5030/8260	Xylene (Total)	37.1	ug/L	10.0	04/24/24 11:20	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371017

Sample: WC-Tank Pit (041724)	Lab ID: 50371017001	Collected: 04/17/24 08:45	Received: 04/18/24 14:27	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP								
Analytical Method: EPA 8011 Preparation Method: EPA 8011								
Pace Analytical Services - Indianapolis								
1,2-Dibromo-3-chloropropane	ND	ug/L	0.034	1	04/19/24 13:47	04/22/24 14:19	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	0.034	1	04/19/24 13:47	04/22/24 14:19	106-93-4	
Surrogates								
4-Bromofluorobenzene (S)	115	%.	50-150	1	04/19/24 13:47	04/22/24 14:19	460-00-4	
6010 MET ICP								
Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Pace Analytical Services - Indianapolis								
Lead	14.2	ug/L	10.0	1	04/20/24 07:20	04/22/24 14:38	7439-92-1	
8270 PAH by 3511								
Analytical Method: EPA 8270 by SIM 40E Preparation Method: EPA 3511								
Pace Analytical Services - Indianapolis								
Acenaphthene	ND	ug/L	1.0	1	04/22/24 12:28	04/22/24 22:15	83-32-9	
Acenaphthylene	ND	ug/L	1.0	1	04/22/24 12:28	04/22/24 22:15	208-96-8	
Anthracene	ND	ug/L	0.10	1	04/22/24 12:28	04/22/24 22:15	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.10	1	04/22/24 12:28	04/22/24 22:15	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	04/22/24 12:28	04/22/24 22:15	50-32-8	L1
Benzo(b)fluoranthene	ND	ug/L	0.10	1	04/22/24 12:28	04/22/24 22:15	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.10	1	04/22/24 12:28	04/22/24 22:15	191-24-2	L1
Benzo(k)fluoranthene	ND	ug/L	0.10	1	04/22/24 12:28	04/22/24 22:15	207-08-9	
Chrysene	ND	ug/L	0.50	1	04/22/24 12:28	04/22/24 22:15	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	04/22/24 12:28	04/22/24 22:15	53-70-3	
Fluoranthene	ND	ug/L	1.0	1	04/22/24 12:28	04/22/24 22:15	206-44-0	
Fluorene	ND	ug/L	1.0	1	04/22/24 12:28	04/22/24 22:15	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	04/22/24 12:28	04/22/24 22:15	193-39-5	L1
1-Methylnaphthalene	2.3	ug/L	1.0	1	04/22/24 12:28	04/22/24 22:15	90-12-0	
2-Methylnaphthalene	ND	ug/L	1.0	1	04/22/24 12:28	04/22/24 22:15	91-57-6	
Naphthalene	ND	ug/L	1.0	1	04/22/24 12:28	04/22/24 22:15	91-20-3	
Phenanthrene	ND	ug/L	1.0	1	04/22/24 12:28	04/22/24 22:15	85-01-8	L1
Pyrene	ND	ug/L	1.0	1	04/22/24 12:28	04/22/24 22:15	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	58	%.	43-129	1	04/22/24 12:28	04/22/24 22:15	321-60-8	
p-Terphenyl-d14 (S)	110	%.	64-162	1	04/22/24 12:28	04/22/24 22:15	1718-51-0	
8260 MSV Indiana								
Analytical Method: EPA 5030/8260								
Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	100	1		04/24/24 11:20	67-64-1	
Acrolein	ND	ug/L	50.0	1		04/24/24 11:20	107-02-8	
Acrylonitrile	ND	ug/L	100	1		04/24/24 11:20	107-13-1	
Benzene	82.2	ug/L	5.0	1		04/24/24 11:20	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		04/24/24 11:20	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		04/24/24 11:20	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		04/24/24 11:20	75-27-4	
Bromoform	ND	ug/L	5.0	1		04/24/24 11:20	75-25-2	
Bromomethane	ND	ug/L	5.0	1		04/24/24 11:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		04/24/24 11:20	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		04/24/24 11:20	104-51-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371017

Sample: WC-Tank Pit (041724)	Lab ID: 50371017001	Collected: 04/17/24 08:45	Received: 04/18/24 14:27	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260						
		Pace Analytical Services - Indianapolis						
sec-Butylbenzene	ND	ug/L	5.0	1		04/24/24 11:20	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		04/24/24 11:20	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		04/24/24 11:20	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		04/24/24 11:20	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		04/24/24 11:20	108-90-7	
Chloroethane	ND	ug/L	5.0	1		04/24/24 11:20	75-00-3	
Chloroform	ND	ug/L	5.0	1		04/24/24 11:20	67-66-3	
Chloromethane	ND	ug/L	5.0	1		04/24/24 11:20	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		04/24/24 11:20	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		04/24/24 11:20	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		04/24/24 11:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		04/24/24 11:20	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		04/24/24 11:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		04/24/24 11:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		04/24/24 11:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		04/24/24 11:20	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		04/24/24 11:20	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		04/24/24 11:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		04/24/24 11:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		04/24/24 11:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		04/24/24 11:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		04/24/24 11:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		04/24/24 11:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		04/24/24 11:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/24/24 11:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/24/24 11:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/24/24 11:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/24/24 11:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/24/24 11:20	10061-02-6	
Ethylbenzene	7.1	ug/L	5.0	1		04/24/24 11:20	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/24/24 11:20	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/24/24 11:20	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/24/24 11:20	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		04/24/24 11:20	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/24/24 11:20	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/24/24 11:20	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/24/24 11:20	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/24/24 11:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/24/24 11:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/24/24 11:20	1634-04-4	
n-Propylbenzene	ND	ug/L	5.0	1		04/24/24 11:20	103-65-1	
Styrene	ND	ug/L	5.0	1		04/24/24 11:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/24/24 11:20	630-20-6	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/24/24 11:20	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/24/24 11:20	127-18-4	
Toluene	79.7	ug/L	5.0	1		04/24/24 11:20	108-88-3	

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ANALYTICAL RESULTS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371017

Sample: WC-Tank Pit (041724)		Lab ID: 50371017001	Collected: 04/17/24 08:45	Received: 04/18/24 14:27	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/24/24 11:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/24/24 11:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/24/24 11:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/24/24 11:20	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/24/24 11:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/24/24 11:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/24/24 11:20	96-18-4	
1,2,4-Trimethylbenzene	9.2	ug/L	5.0	1		04/24/24 11:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/24/24 11:20	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/24/24 11:20	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/24/24 11:20	75-01-4	
Xylene (Total)	37.1	ug/L	10.0	1		04/24/24 11:20	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	82-128	1		04/24/24 11:20	1868-53-7	
4-Bromofluorobenzene (S)	103	%.	79-124	1		04/24/24 11:20	460-00-4	
Toluene-d8 (S)	102	%.	73-122	1		04/24/24 11:20	2037-26-5	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371017

QC Batch:	785819	Analysis Method:	EPA 8011
QC Batch Method:	EPA 8011	Analysis Description:	GCS 8011 EDB DBCP
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371017001

METHOD BLANK: 3594923 Matrix: Water

Associated Lab Samples: 50371017001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	ND	0.035	04/22/24 13:16	
1,2-Dibromoethane (EDB)	ug/L	ND	0.035	04/22/24 13:16	
4-Bromofluorobenzene (S)	%.	160	50-150	04/22/24 13:16	S3

LABORATORY CONTROL SAMPLE: 3594924

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.25	0.26	103	60-140	
1,2-Dibromoethane (EDB)	ug/L	0.25	0.26	104	60-140	
4-Bromofluorobenzene (S)	%.			120	50-150	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3594925 3594926

Parameter	Units	50371008001		3594926		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MSD Result								
1,2-Dibromo-3-chloropropane	ug/L	ND	0.24	0.24	0.23	0.27	94	110	60-140	16	20		
1,2-Dibromoethane (EDB)	ug/L	ND	0.24	0.24	0.26	0.32	109	133	60-140	20	20		
4-Bromofluorobenzene (S)	%.						108	125	50-150				

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371017

QC Batch: 785779

Analysis Method: EPA 6010

QC Batch Method: EPA 3010

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371017001

METHOD BLANK: 3594751

Matrix: Water

Associated Lab Samples: 50371017001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	10.0	04/22/24 14:31	

LABORATORY CONTROL SAMPLE: 3594752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1000	980	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3594753 3594754

Parameter	Units	50370990001		3594754		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Lead	ug/L	ND	1000	1000	906	926	91	93	75-125	2	20

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371017

QC Batch: 786328

Analysis Method: EPA 5030/8260

QC Batch Method: EPA 5030/8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371017001

METHOD BLANK: 3597114

Matrix: Water

Associated Lab Samples: 50371017001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	04/24/24 01:43	
1,1,1-Trichloroethane	ug/L	ND	5.0	04/24/24 01:43	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	04/24/24 01:43	
1,1,2-Trichloroethane	ug/L	ND	5.0	04/24/24 01:43	
1,1-Dichloroethane	ug/L	ND	5.0	04/24/24 01:43	
1,1-Dichloroethene	ug/L	ND	5.0	04/24/24 01:43	
1,1-Dichloropropene	ug/L	ND	5.0	04/24/24 01:43	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	04/24/24 01:43	
1,2,3-Trichloropropane	ug/L	ND	5.0	04/24/24 01:43	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	04/24/24 01:43	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	04/24/24 01:43	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	04/24/24 01:43	
1,2-Dichlorobenzene	ug/L	ND	5.0	04/24/24 01:43	
1,2-Dichloroethane	ug/L	ND	5.0	04/24/24 01:43	
1,2-Dichloropropane	ug/L	ND	5.0	04/24/24 01:43	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	04/24/24 01:43	
1,3-Dichlorobenzene	ug/L	ND	5.0	04/24/24 01:43	
1,3-Dichloropropane	ug/L	ND	5.0	04/24/24 01:43	
1,4-Dichlorobenzene	ug/L	ND	5.0	04/24/24 01:43	
2,2-Dichloropropane	ug/L	ND	5.0	04/24/24 01:43	
2-Butanone (MEK)	ug/L	ND	25.0	04/24/24 01:43	
2-Chlorotoluene	ug/L	ND	5.0	04/24/24 01:43	
2-Hexanone	ug/L	ND	25.0	04/24/24 01:43	
4-Chlorotoluene	ug/L	ND	5.0	04/24/24 01:43	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	04/24/24 01:43	
Acetone	ug/L	ND	100	04/24/24 01:43	
Acrolein	ug/L	ND	50.0	04/24/24 01:43	
Acrylonitrile	ug/L	ND	100	04/24/24 01:43	
Benzene	ug/L	ND	5.0	04/24/24 01:43	
Bromobenzene	ug/L	ND	5.0	04/24/24 01:43	
Bromochloromethane	ug/L	ND	5.0	04/24/24 01:43	
Bromodichloromethane	ug/L	ND	5.0	04/24/24 01:43	
Bromoform	ug/L	ND	5.0	04/24/24 01:43	
Bromomethane	ug/L	ND	5.0	04/24/24 01:43	
Carbon disulfide	ug/L	ND	10.0	04/24/24 01:43	
Carbon tetrachloride	ug/L	ND	5.0	04/24/24 01:43	
Chlorobenzene	ug/L	ND	5.0	04/24/24 01:43	
Chloroethane	ug/L	ND	5.0	04/24/24 01:43	
Chloroform	ug/L	ND	5.0	04/24/24 01:43	
Chloromethane	ug/L	ND	5.0	04/24/24 01:43	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371017

METHOD BLANK: 3597114

Matrix: Water

Associated Lab Samples: 50371017001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	5.0	04/24/24 01:43	
cis-1,3-Dichloropropene	ug/L	ND	5.0	04/24/24 01:43	
Dibromochloromethane	ug/L	ND	5.0	04/24/24 01:43	
Dibromomethane	ug/L	ND	5.0	04/24/24 01:43	
Dichlorodifluoromethane	ug/L	ND	5.0	04/24/24 01:43	
Ethyl methacrylate	ug/L	ND	100	04/24/24 01:43	
Ethylbenzene	ug/L	ND	5.0	04/24/24 01:43	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	04/24/24 01:43	
Iodomethane	ug/L	ND	10.0	04/24/24 01:43	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	04/24/24 01:43	
Methyl-tert-butyl ether	ug/L	ND	4.0	04/24/24 01:43	
Methylene Chloride	ug/L	ND	5.0	04/24/24 01:43	
n-Butylbenzene	ug/L	ND	5.0	04/24/24 01:43	
n-Hexane	ug/L	ND	5.0	04/24/24 01:43	
n-Propylbenzene	ug/L	ND	5.0	04/24/24 01:43	
p-Isopropyltoluene	ug/L	ND	5.0	04/24/24 01:43	
sec-Butylbenzene	ug/L	ND	5.0	04/24/24 01:43	
Styrene	ug/L	ND	5.0	04/24/24 01:43	
tert-Butylbenzene	ug/L	ND	5.0	04/24/24 01:43	
Tetrachloroethene	ug/L	ND	5.0	04/24/24 01:43	
Toluene	ug/L	ND	5.0	04/24/24 01:43	
trans-1,2-Dichloroethene	ug/L	ND	5.0	04/24/24 01:43	
trans-1,3-Dichloropropene	ug/L	ND	5.0	04/24/24 01:43	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	04/24/24 01:43	
Trichloroethene	ug/L	ND	5.0	04/24/24 01:43	
Trichlorofluoromethane	ug/L	ND	5.0	04/24/24 01:43	
Vinyl acetate	ug/L	ND	50.0	04/24/24 01:43	
Vinyl chloride	ug/L	ND	2.0	04/24/24 01:43	
Xylene (Total)	ug/L	ND	10.0	04/24/24 01:43	
4-Bromofluorobenzene (S)	%	103	79-124	04/24/24 01:43	
Dibromofluoromethane (S)	%	101	82-128	04/24/24 01:43	1d
Toluene-d8 (S)	%	101	73-122	04/24/24 01:43	

LABORATORY CONTROL SAMPLE: 3597115

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	39.1	78	71-126	
1,1,2,2-Tetrachloroethane	ug/L	50	42.3	85	70-126	
1,1-Dichloroethene	ug/L	50	39.5	79	71-130	
1,2,4-Trimethylbenzene	ug/L	50	38.9	78	69-120	
1,2-Dibromoethane (EDB)	ug/L	50	42.4	85	80-120	
1,2-Dichloroethane	ug/L	50	41.1	82	72-123	
1,2-Dichloropropane	ug/L	50	44.0	88	76-125	
1,3,5-Trimethylbenzene	ug/L	50	38.5	77	71-120	

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371017

LABORATORY CONTROL SAMPLE: 3597115

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	41.7	83	76-122	
Chlorobenzene	ug/L	50	41.4	83	76-118	
Chloroform	ug/L	50	41.8	84	78-121	
cis-1,2-Dichloroethene	ug/L	50	42.5	85	77-123	
Ethylbenzene	ug/L	50	41.3	83	76-120	
Isopropylbenzene (Cumene)	ug/L	50	40.5	81	71-124	
Methyl-tert-butyl ether	ug/L	50	40.1	80	71-121	
n-Hexane	ug/L	50	36.4	73	51-126	
Tetrachloroethene	ug/L	50	39.0	78	71-122	
Toluene	ug/L	50	41.3	83	74-118	
trans-1,2-Dichloroethene	ug/L	50	41.7	83	75-122	
Trichloroethene	ug/L	50	40.3	81	74-125	
Vinyl chloride	ug/L	50	49.4	99	55-139	
Xylene (Total)	ug/L	150	119	79	73-119	
4-Bromofluorobenzene (S)	%			102	79-124	
Dibromofluoromethane (S)	%			101	82-128	
Toluene-d8 (S)	%			102	73-122	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371017

QC Batch:	786007	Analysis Method:	EPA 8270 by SIM 40E
QC Batch Method:	EPA 3511	Analysis Description:	8270 Water PAH 40 by SIM MSSV
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 50371017001

METHOD BLANK: 3595941 Matrix: Water

Associated Lab Samples: 50371017001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	1.0	04/22/24 21:42	
2-Methylnaphthalene	ug/L	ND	1.0	04/22/24 21:42	
Acenaphthene	ug/L	ND	1.0	04/22/24 21:42	
Acenaphthylene	ug/L	ND	1.0	04/22/24 21:42	
Anthracene	ug/L	ND	0.10	04/22/24 21:42	
Benzo(a)anthracene	ug/L	ND	0.10	04/22/24 21:42	
Benzo(a)pyrene	ug/L	ND	0.10	04/22/24 21:42	
Benzo(b)fluoranthene	ug/L	ND	0.10	04/22/24 21:42	
Benzo(g,h,i)perylene	ug/L	ND	0.10	04/22/24 21:42	
Benzo(k)fluoranthene	ug/L	ND	0.10	04/22/24 21:42	
Chrysene	ug/L	ND	0.50	04/22/24 21:42	
Dibenz(a,h)anthracene	ug/L	ND	0.10	04/22/24 21:42	
Fluoranthene	ug/L	ND	1.0	04/22/24 21:42	
Fluorene	ug/L	ND	1.0	04/22/24 21:42	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	04/22/24 21:42	
Naphthalene	ug/L	ND	1.0	04/22/24 21:42	
Phenanthrene	ug/L	ND	1.0	04/22/24 21:42	
Pyrene	ug/L	ND	1.0	04/22/24 21:42	
2-Fluorobiphenyl (S)	%	75	43-129	04/22/24 21:42	1d
p-Terphenyl-d14 (S)	%	108	64-162	04/22/24 21:42	

LABORATORY CONTROL SAMPLE: 3595942

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	25	26.3	105	55-123	
2-Methylnaphthalene	ug/L	25	23.8	95	49-116	
Acenaphthene	ug/L	25	27.1	108	65-121	
Acenaphthylene	ug/L	25	28.4	114	57-131	
Anthracene	ug/L	25	22.2	89	45-133	
Benzo(a)anthracene	ug/L	25	29.1	116	74-147	
Benzo(a)pyrene	ug/L	25	33.9	136	79-132	L1
Benzo(b)fluoranthene	ug/L	25	33.0	132	80-157	
Benzo(g,h,i)perylene	ug/L	25	35.1	140	70-131	L1
Benzo(k)fluoranthene	ug/L	25	34.8	139	71-158	
Chrysene	ug/L	25	31.9	128	65-135	
Dibenz(a,h)anthracene	ug/L	25	33.7	135	75-141	
Fluoranthene	ug/L	25	33.6	134	85-139	
Fluorene	ug/L	25	29.8	119	74-129	
Indeno(1,2,3-cd)pyrene	ug/L	25	33.7	135	65-133	L1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371017

LABORATORY CONTROL SAMPLE: 3595942

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	25	24.3	97	60-114	
Phenanthrene	ug/L	25	32.5	130	82-128	L1
Pyrene	ug/L	25	29.1	116	70-145	
2-Fluorobiphenyl (S)	%			72	43-129	
p-Terphenyl-d14 (S)	%			102	64-162	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371017

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- | | |
|----|---|
| 1d | Neither matrix spike nor matrix precision data could be provided for this analytical batch due to insufficient sample volume. |
| L1 | Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high. |
| S3 | Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample. |

REPORT OF LABORATORY ANALYSIS

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METHOD CROSS REFERENCE TABLE

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371017

Parameter	Matrix	Analytical Method	Preparation Method
6010 MET ICP	Water	SW-846 6010B	SW-846 3010A
8011 GCS EDB and DBCP	Water	SW-846 8011	SW-846 8011
8270 PAH by 3511	Water	SW-846 8270C	SW-846 3511

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: UPS Terre Haute UST Closure

Pace Project No.: 50371017

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50371017001	WC-Tank Pit (041724)	EPA 8011	785819	EPA 8011	786127
50371017001	WC-Tank Pit (041724)	EPA 3010	785779	EPA 6010	786047
50371017001	WC-Tank Pit (041724)	EPA 3511	786007	EPA 8270 by SIM 40E	786112
50371017001	WC-Tank Pit (041724)	EPA 5030/8260	786328		

REPORT OF LABORATORY ANALYSIS

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SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 4/18/24 18:37 TH

- 1. Courier: FED EX UPS CLIENT PACE NOW/JETT OTHER _____
- 2. Custody Seal on Cooler/Box Present: Yes No
(If yes)Seals Intact: Yes No (leave blank if no seals were present)
- 3. Thermometer: 1 2 3 4 5 6 7 8 A B C D E F G H
- 4. Cooler Temperature(s): 18/1.7
(Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

- 5. Packing Material: Bubble Wrap Bubble Bags
 None Other _____
- 6. Ice Type: Wet Blue None
- 7. If temp. is over 6°C or under 0°C, was the PM notified?: Yes No
Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		<input checked="" type="checkbox"/>	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.	<input checked="" type="checkbox"/>		
Short Hold Time Analysis (48 hours or less)? Analysis:		<input checked="" type="checkbox"/>	Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form			
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:			<u>Present</u>	<u>Absent</u>	<u>N/A</u>
Rush TAT Requested (4 days or less):	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Residual Chlorine Check (SVOC 625 Pest/PCB 608)			<input checked="" type="checkbox"/>
Custody Signatures Present?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Residual Chlorine Check (Total/Amenable/Free Cyanide)			<input checked="" type="checkbox"/>
Containers Intact?:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Headspace Wisconsin Sulfide?			<input checked="" type="checkbox"/>
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Headspace in VOA Vials (>6mm): See Container Count form for details	<u>Present</u>	<u>Absent</u>	<u>No VOA Vials Sent</u>
Extra labels on Terracore Vials? (soils only)			Trip Blank Present?		<input checked="" type="checkbox"/>	
			Trip Blank Custody Seals?:		<input checked="" type="checkbox"/>	

COMMENTS:

Attachment 3

Soil Boring Log

SOIL BORING LOG

BORING NO.: B-1
TOTAL DEPTH: 20 feet bgs



PROJECT INFORMATION

CLIENT: UPS
SITE LOCATION: 5596 E. Margaret Drive
CITY, STATE: Terre Haute, Indiana
PROJECT NUMBER: 30217526.0100
LOGGED BY: Bryant Griggs

DRILLING INFORMATION

DRILLING CO.: Enviro-Dynamics
DRILLER: Nick Latulip (Lic #4244)
DRILLING METHOD: Hand Auger/Direct Push
DATE STARTED: 04/26/2024
DATE COMPLETED: 04/26/2024

DEPTH (feet)	Recovery (percent)	PID (ppm)	Soil Symbol	USCS Classification	SOIL DESCRIPTION
0				Cement	(0.0-0.8) Cement 6 inches with approximately 4 inches of gravel (Concrete previously removed during UST closure).
2	HA	0.0		CL	(0.8-7.5) Silty CLAY, plastic, sticky, very moist, brown with gray green mottling. Sample submitted for laboratory analysis from 3 to 4 feet. Note: From 4.5 to 7.5 feet only change is color to brown with gray mottling.
4	HA	0.0			
4	HA	0.6			
6	80	0.0			
8	80	0.0		CL	(7.5-10.0) Sandy CLAY, soft, sticky, very moist, brown with gray mottling. Note: From 9.5 to 10 feet, sand and moisture content increasing.
10	90	0.0		SC	(10.0-13.5) Sandy CLAY - Clayey SAND, soft, sticky, very moist. Sample submitted for laboratory analysis from 12.5 to 15 feet.
12					
14	90	0.0		SC	(13.5-15.0) Sandy CLAY, slightly firmer, slightly sticky, very moist.
16	100	0.0		SP	(15.0-20.0) SAND, fine to medium grained with trace silt, brown. Note: Saturated at 15 to 17 feet. Temporary well: Screened from 10 to 20 feet, bgs.
18	100	0.0			
20					End of boring at 20 feet.
22					

Notes:

bgs: below ground surface

USCS: Unified Soil Classification System

NA: Not Available

NM: Not Measured

HA: Hand Auger

ppm: parts per million

PID: Photo-ionization Detector

Date: 5/30/2024

Page: 1 of 1

Attachment 4

**Tank Cleaning Certificate
and Disposal Documentation**

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
5. Generator's Name and Mailing Address RPS 5556 E. Margaret Drive Terre Haute, IN 47303 (859) 621-9217			Generator's Site Address (if different than mailing address)		
6. Transporter 1 Company Name PECCO, INC			U.S. EPA ID Number NY0000957653		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Value Environmental Services 2640 Jefferson Road Middletown, OH 45044 (937) 746-7944			U.S. EPA ID Number		
9. Waste Shipping Name and Description			10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
1. Off Spec Water (RPP)			1	11	4500 5
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information Approval # 10182 JEF RPP 021193 1 + 1 2012					
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.					
Generator's/Offoror's Printed/Typed Name			Signature		Month Day Year
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.			Port of entry/exit:		
Transporter Signature (for exports only):			Date leaving U.S.:		
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name			Signature		Month Day Year
Transporter 2 Printed/Typed Name			Signature		Month Day Year
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
17b. Alternate Facility (or Generator)			Manifest Reference Number:		U.S. EPA ID Number
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)					Month Day Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name			Signature		Month Day Year

GENERATOR

TRANSPORTER INTL

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
 2. Page 1 of
 3. Emergency Response Phone
 4. Waste Tracking Number

5. Generator's Name and Mailing Address
 UPS
 5596 S. Margaret Drive
 Generator's Site Address (if different than mailing address)
 Generator's Phone: (508) 621-8217

6. Transporter 1 Company Name
 PECCO, INC
 U.S. EPA ID Number
 K.Y.0000987551

7. Transporter 2 Company Name
 U.S. EPA ID Number

8. Designated Facility Name and Site Address
 Valour Environmental Services
 2640 Jefferson Road
 Middletown, OH 45044 (513) 746-7944
 U.S. EPA ID Number
 Facility's Phone:

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type		
1. Oil Spill Water (RPP)	1	"	4,667	0
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
 Approval / Profile # 6EY RPP 0719
 11 11 11

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name
 Signature
 Month Day Year

15. International Shipments
 Import to U.S.
 Export from U.S.
 Port of entry/exit:
 Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
 Transporter 1 Printed/Typed Name
 Signature
 Month Day Year

Transporter 2 Printed/Typed Name
 Signature
 Month Day Year

17. Discrepancy
 17a. Discrepancy Indication Space
 Quantity
 Type
 Residue
 Partial Rejection
 Full Rejection

17b. Alternate Facility (or Generator)
 Manifest Reference Number:
 U.S. EPA ID Number

Facility's Phone:
 17c. Signature of Alternate Facility (or Generator)
 Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name
 Signature
 Month Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
5. Generator's Name and Mailing Address UPS 5596 E Margaret Drive Terre Haute, IN 47803 (839) 621-9217			Generator's Site Address (if different than mailing address)		
Generator's Phone:					
6. Transporter 1 Company Name PECO INC			U.S. EPA ID Number KY000967653		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Valour Environmental Services 2640 Jefferson Road Middletown, OH 45044 (513) 746-7944			U.S. EPA ID Number		
Facility's Phone:					
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. OR Spec Water (RSP)		1	11	4,541	g
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information Approval Number: EFR-119-021193 10/1/2011					
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.					
Generator's/Offoror's Printed/Typed Name William G...			Signature <i>[Signature]</i>		Month Day Year 5 21 11
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Tyler Blackmer			Signature <i>[Signature]</i>		Month Day Year 5 21 11
Transporter 2 Printed/Typed Name			Signature		Month Day Year
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
17b. Alternate Facility (or Generator)			Manifest Reference Number:		U.S. EPA ID Number
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)			Signature		Month Day Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Frank...			Signature <i>[Signature]</i>		Month Day Year 5 21 11

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
 2. Page 1 of
 3. Emergency Response Phone
 4. Waste Tracking Number

5. Generator's Name and Mailing Address: **RPPS**
1596 E Margaret Drive
Ellettsville, IN 47303 (859) 621 9217
 Generator's Site Address (if different than mailing address):

Generator's Phone:
 6. Transporter 1 Company Name: **PERCO INC** U.S. EPA ID Number: **KY000096/603**

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address: **Calson Environmental Services**
2640 Jefferson Road
Middletown, OH 45044 (937) 746 7944
 Facility's Phone: U.S. EPA ID Number:

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type		
1. Off Spec Water (RPPS)	1	11	4.621	G
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information:
Approval / Profile # 1EF-RPP 021193

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

15. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

16. Transporter Acknowledgment of Receipt of Materials
 Transporter Signature (for exports only): _____

Transporter 1 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

17. Discrepancy

17a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

Manifest Reference Number: _____

17b. Alternate Facility (or Generator): _____ U.S. EPA ID Number: _____

Facility's Phone: _____

17c. Signature of Alternate Facility (or Generator): _____ Month: _____ Day: _____ Year: _____

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
5. Generator's Name and Mailing Address OPN 5596 E. Margaret Drive Lafayette, IN 47900 (859) 611-5211			Generator's Site Address (if different than mailing address)		
Generator's Phone:			U.S. EPA ID Number		
6. Transporter 1 Company Name PFC, INC			KY 0000967653		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Value Environmental Services 7641 Jefferson Road Middletown, OH 45044 (937) 746-3944			U.S. EPA ID Number		
Facility's Phone:					
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. Oil Spill Water (OPN)		1	44	4,582	g
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information Approval Profile # (EPA HPP 02193) 1 () 1 () 1 ()					
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.					
Generator's/Offeree's Printed/Typed Name			Signature		Month Day Year
					5 22 21
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name			Signature		Month Day Year
Tyler Blackmon					5 22 21
Transporter 2 Printed/Typed Name			Signature		Month Day Year
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
17b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____					
Facility's Phone: _____					
17c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name			Signature		Month Day Year
					5 22 21

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number
5. Generator's Name and Mailing Address UPS 3596 E. Margaret Drive Generator's Phone: Terre Haute, IN 47803 (859) 621-9217			Generator's Site Address (if different than mailing address)		
6. Transporter 1 Company Name PECCO, INC			U.S. EPA ID Number ILY000096/653		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Zalcor Environmental Services 2641 Jefferson Road Facility's Phone: Middletown, OH 45044 (937) 746-7944			U.S. EPA ID Number		
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. Off Spec Water (RPP)		1	11	9.472	G
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information Approval Profile # LST RPP 021190 11/11/20					
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.					
Generator's/Offeror's Printed/Typed Name			Signature	Month	Day
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.			Port of entry/exit:		
Transporter Signature (for exports only):			Date leaving U.S.:		
16. Transporter Acknowledgment of Receipt of Materials		Signature		Month	Day
Transporter 1 Printed/Typed Name		Signature		Month	Day
Transporter 2 Printed/Typed Name		Signature		Month	Day
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
17b. Alternate Facility (or Generator)			Manifest Reference Number:		
Facility's Phone:			U.S. EPA ID Number		
17c. Signature of Alternate Facility (or Generator)			Month	Day	Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name			Signature	Month	Day
Frank Hayes				5	22

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
5. Generator's Name and Mailing Address EHS 3536 E. Margaret Drive Terra Haute, IN 47787 (859) 621-9217			Generator's Site Address (if different than mailing address)		
Generator's Phone:		6. Transporter 1 Company Name PACCO, INC		U.S. EPA ID Number KY0000967653	
7. Transporter 2 Company Name				U.S. EPA ID Number	
8. Designated Facility Name and Site Address National Environmental Services 7600 Lathrop Road Amherst, OH 45954 (507) 745-7948				U.S. EPA ID Number	
Facility's Phone:					
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. Off Spec Water (RW-1)		1	12	480.8	0
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information Approval / Profile # (E) RPP 061193 1 #1 - test					
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.					
Generator's/Offoror's Printed/Typed Name		Signature		Month	Day Year
				5	12 01
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:					
Transporter Signature (for exports only):					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name		Signature		Month	Day Year
Transporter 2 Printed/Typed Name		Signature		Month	Day Year
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
17b. Alternate Facility (or Generator)				Manifest Reference Number:	
Facility's Phone:				U.S. EPA ID Number	
17c. Signature of Alternate Facility (or Generator)				Month	Day Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name		Signature		Month	Day Year
				5	27 01

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
5. Generator's Name and Mailing Address UPS 5596 E. Margaret Drive Terre Haute, IN 47803 (759) 821-9217			Generator's Site Address (if different than mailing address)		
Generator's Phone:			U.S. EPA ID Number KY000967653		
6. Transporter 1 Company Name P&C CO, INC			U.S. EPA ID Number		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Valcor Environmental Services 2640 Jefferson Road Middletown, OH 45044 (937) 746-7944			U.S. EPA ID Number		
Facility's Phone:					
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt/Vol.
		No.	Type		
1. Off Spec Water (RPP)		1	TI	4,931	G
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information Approval Profile # LEP RPP 021193					
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.					
Generator's/Offeror's Printed/Typed Name			Signature		Month Day Year 5 2008
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Tyler Black			Signature		Month Day Year 5 2008
Transporter 2 Printed/Typed Name			Signature		Month Day Year
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
17b. Alternate Facility (or Generator)			Manifest Reference Number:		U.S. EPA ID Number
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)			Signature		Month Day Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Black			Signature		Month Day Year 5 2008

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

5506 E. Margaret Drive

Generator's Phone:

1-908-746-1200 (908) 621-0277

6. Transporter 1 Company Name

PERKINS, INC.

U.S. EPA ID Number

PC0000967652

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Rabon Environmental Services
2641 Jefferson Road

U.S. EPA ID Number

Facility's Phone:

Middletown, NJ 07940 (907) 246-7344

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt./Vol.

No. Type

1. Oil Spill Water (250)

11

5,24.3

2.

3.

4.

13. Special Handling Instructions and Additional Information

Approval Profile # CEI HPS 021193

1/0 # 333031

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offoror's Printed/Typed Name

Signature

Month Day Year

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature:

Month Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-s)

a. Generator's US EPA ID Number NA

b. Manifest Document Number NA

c. Page 1 of 1

d. Generator's Information:

UPS
5596 E. Margaret Dr.
Terre Haute, IN 41803
Michael Sullivan 859-621-9217
County: Vigo
Generator site location (if different):

e. Billing Information:

PECCO Inc
250 Etter Dr.
Nicholasville, KY 40356
William Grimes 859-621-4320
TRUX Account #1

i. Site Location:

j. Phone No:

k. Waste Profile #

l. Exp. Date

m. Waste Shipping Name and Description

n. Containers
No. Type

o. Total
Quantity

p. Unit
Wt/Vol

3267 24 7222

5/6/2025

Diesel Impacted Oil Dry

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

X **William Grimes**
q. Generator Authorized Agent Name (Print)

X
r. Signature

X **5-14-24**
s. Date

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

Transporter's Name and Address:

X **PECCO INC**
250 ETTER DR
NICHOLASVILLE KY 40356

Phone: **X**

X
c. Driver Name (Print) **Caleb Taylor**

d. Signature

e. Date **5-29-2024**

III. DESTINATION (Generator complete IIIa-c and Destination Site completes III d-g)

a. Disposal Facility and Site Address:

c. US EPA
Number

d. Discrepancy Indication Space:

Sycamore Ridge Landfill
5621 E. Cottom DR
Pimento, IN 47866

IDEM #84-06

b. Phone: **812-299-9227**

I hereby certify that the above-named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)

f. Signature

g. Date **5-29-24**

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations

a. Operator's Name and Address:
Not Applicable

c. Responsible Agency Name and Address:
Not Applicable

b. Special Handling Instructions and Additional Information
I Friable Non-Friable Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations

d. Operator's Name and Title (Print)

f. Signature

g. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

SICAMORE RIDGE LANDFILL --
5621 E Cottom Rd -Pimento, IN 47866

01

698550

Crystal D.


000001
CASH CUSTOMER
5621 E COTTOM DRIVE
PIMENTO, IN 47866

5/29/24 7:38 am 5/29/24 7:38 am
PU1

Contract:3267247222
Generator:UPS

MANUAL IN GROSS WEIGHT	32,540	NET TONS	0.06	
SCALE OUT TARE WEIGHT	32,420	NET WEIGHT	120	INBOUND CASH

20.00	YD	Tracking QTY					
0.06	tn	SW-ABSORBENT MATERIAL	Origin:VIGO IN 100%	\$75.00	\$375.00	\$0.10	\$375.10
1.00		ENVIRONMENTAL FEE 5		9.00%	\$33.75	\$0.00	\$33.75
1.00		FUEL RECOVERY FEE		9.44%	\$35.40	\$0.00	\$35.40

Signature  _____
Driver Signature _____

	Tax Total
HOST FEE LOAD	\$0.00
HOST FEE TONS	\$0.10

	<u>Payment(s)</u>	
CREDIT CARD-SCALE	\$444.25	\$444.25
		\$444.25
		\$0.00

TANK CLEANING CERTIFICATION

Facility: UPS Terre Haute, IN,
5596 E. Margaret Drive
Terre Haute, IN.

IDEM Facility ID# 1697

Parcel ID# 84-07-32-300-013.000-009

County: Vigo

UST Owner: United Parcel Services, Inc.

Business ID# 194276-103

Contact: Isauro Ramirez

Title: Facilities Engineer II

Telephone No.: (562) 202-2756

The following listed tanks(s) have been purged and sufficiently cleaned of any residue and purged of vapors to remove any potential hazard to meet Hazardous Materials (HMR) of PHMSA/USDOT/EPA and/or Federal Railroad Association standards.

Tank ID	Volume	Type	Previous Contents	Disposal (Y/N)	Date Cleaned
FID #1697-5	12,000 gallons	FRP	Gasoline	Y	04/17/2024
FID #1697-6	12,000 gallons	FRP	Diesel	Y	04/17/2024

I certify that the above tanks were cleaned in accordance with all professional standards including all State, and Federal regulations as they apply.

Date: _____

Name: William Grimes Indiana UST License#: UC13081

Title: Emergency Response D.V.M.M.A.M.

Company Name/Address:

RECCOIVE
850 ETTENDR
N. Ona Sullivan Ln 40356



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-s)

a. Generator's US EPA ID Number NA
 b. Manifest Document Number NA
 c. Page 1 of 1
 d. Generator's Information:
UPS
5596 E Margaret Dr
Terre Haute, IN 47803
Michael Sullivan 859-621-9217
County: Vigo
 Generator site location (if different):

e. Billing Information:
PECCO Inc.
250 Etter Dr
Nicholasville, KY 40356
William Grimes 859-621-4320
TRUX Account #1

i. Site Location:
 k. Waste Profile # **3267 24 3638** l. Exp. Date **3/7/2025**
 m. Waste Shipping Name and Description
12,000 Gallon Empty & Cleaned Reinforced Plastic Tanks
 n. Containers No. Type o. Total Quantity p. Unit Wt/Vol

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

X
 q. Generator Authorized Agent Name (Print) r. Signature X
 s. Date **4-17-24**

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

Transporter's Name and Address:
 X.

Phone: X

X.
 c. Driver Name (Print) **Caleb Taylor** d. Signature **Caleb Taylor** e. Date **4-17-24**

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sycamore Ridge Landfill
5621 E. Cottom DR
Pimento, IN 47866
 b. Phone: **812-299-9227**
 c. US EPA Number
IDEM #84-06
 d. Discrepancy Indication Space:

I hereby certify that the above-named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print) f. Signature **[Signature]** g. Date **4-17-24**

Operator's Name and Address: Not Applicable
 Responsible Agency Name and Address: Not Applicable

Special Handling Instructions and Additional Information:
 Friable Non-Friable Both % Friable % Non-Friable
 OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) h. Signature i. Date
 *Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

pu

SYCAMORE RIDGE LANDFILL --
5621 E Cottom Rd -Pimento, IN 47866

01

693456

Jessica K.

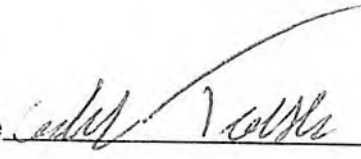
000001
CASH CUSTOMER
5621 E COTTOM DRIVE
PIMENTO, IN 47866

4/17/24 4:27 pm 4/17/24 4:27 pm
PUI

Contract:3267243638
Generator:UPS

MANUAL IN	GROSS WEIGHT	63,800	NET TONS	8.98	
SCALE OUT	TARE WEIGHT	45,840	NET WEIGHT	17,960	INBOUND CASH

20.00	YD	Tracking QTY					
8.98	tn	SW-EMPTY CONT/TANK/VES	Origin:VIGO IN 100%	\$75.00	\$673.50	\$15.36	\$688.86
1.00		ENVIRONMENTAL FEE 5		9.00%	\$60.62	\$0.00	\$60.62
1.00		FUEL RECOVERY FEE		9.64%	\$64.93	\$0.00	\$64.93

Signature 

Driver Signature _____

	Tax Total
HOST FEE LOAD	\$0.00
HOST FEE TONS	\$15.36

	<u>Payment(s)</u>	
CREDIT CARD-SCALE	\$814.41	\$814.41
		\$814.41
		\$0.00

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WPC1312042P01		2. Page 1 of 1		3. Emergency Response Phone 412.342.0241		4. Manifest Tracking Number 023485220 JJK				
		5. Generator's Name and Mailing Address UPS 5096 E. Margaret Dr. Towaco, NJ 07080-4701 201.671.4911						Generator's Site Address (if different than mailing address)				
6. Transporter 1 Company Name PCCO INC		U.S. EPA ID Number NY000000000						7. Transporter 2 Company Name PCCO Inc		U.S. EPA ID Number NY000000000		
8. Designated Facility Name and Site Address Class Facility of Calvert City 1888 State-Cat Road Calvert City, KY 42029 (270) 608 2405		Facility's Phone:						U.S. EPA ID Number KY000000000				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
						No.	Type					
	X	1. UNCL25, WASTE-FLAMMABLE SOLIDS, ORGANIC, N.O.S. (BENZENE), 4.1, PG4.1, 110 QTY				1	DRM	85	49	DMF	U040	
		2.										
		3.										
	4.											
14. Special Handling Instructions and Additional Information (SPECIALS: 280019002 - GASOLINE USE TANK BOTTOMS MIXED WITH OIL, DRY AND DEBRIS - EPI PROVIDED) CLEAN EARTH ORDLINE 282589 - NOTE												
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offeror's Printed/Typed Name						Signature			Month	Day	Year	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____												
17. Transporter Acknowledgment of Receipt of Materials												
Transporter 1 Printed/Typed Name						Signature			Month	Day	Year	
Transporter 2 Printed/Typed Name						Signature			Month	Day	Year	
18. Discrepancy												
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection												
Manifest Reference Number: _____												
18b. Alternate Facility (or Generator)								U.S. EPA ID Number				
Facility's Phone: _____												
18c. Signature of Alternate Facility (or Generator)									Month	Day	Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
1. _____			2. _____			3. _____			4. _____			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a												
Printed/Typed Name						Signature			Month	Day	Year	

Attachment 5

UST Closure Photo Log

Project Photographs

UPS Terre Haute, IN. Facility.
FID #1697



Photo: 1

Date:
April 17, 2024

Description:
Removal of Diesel UST

Location:
East side of Property

Direction:
Looking North



Photo: 2

Date:
April 17, 2024

Description:
UST Pit following removal of
gasoline UST, prior to
evacuation of tank pit water

Location:
East side of Property

Direction:
Looking North

Project Photographs

UPS Terre Haute, IN. Facility.
FID #1697



Photo: 3

Date:
April 17, 2024

Description:
Diesel & Gasoline USTs
staged for cleaning prior to
destruction.

Location:
East side of Property

Direction:
Looking North



Photo: 4

Date:
April 17, 2024

Description:
USTs being
crushed/destroyed for offsite
disposal, following cleaning.

Location:
East side of Property

Direction:
Looking North

Project Photographs

UPS Terre Haute, IN. Facility.
FID #1697



Photo: 5

Date:
April 17, 2024

Description:
USTs Tank Pit after dewatering stopped

Location:
East side of Property

Direction:
Looking North-Northeast



Photo: 6

Date:
April 18, 2024

Description:
Product Dispenser & Product
Dispenser/Lines sampling

Location:
East Side of Property

Direction:
Looking North

Project Photographs

UPS Terre Haute, IN. Facility.
FID #1697



Photo: 7

Date:

April 18, 2024

Description:

Previously removed pea gravel stockpile, was screened with a Photoionization Detector (PID) prior to reuse as backfill

Location:

East side of Property

Direction:

Looking South



Photo: 8

Date:

April 18, 2024

Description:

Backfilling former UST pit with reuse pea gravel

Location:

East side of Property

Direction:

Looking South

Project Photographs

UPS Terre Haute, IN. Facility.
FID #1697



Photo: 9

Date:

April 26, 2024

Description:

Soil Boring being advanced near east sidewall of former UST pit, south of former dispenser/product line area

Location:

East side of Property

Direction:

Looking Northwest



Photo: 10

Date:

April 26, 2024

Description:

Former UST pit area secured until final backfill and concrete surface installed

Location:

East side of Property

Direction:

Looking South

Attachment 6

**IDNR Well Records for Select
Wells Identified On Figure 4**

Record of Water Well

Indiana Department of Natural Resources

Reference Number	Driving Direction to Well	Date Completed
199859	WELL LOG FROM STATE BULLETIN #17 (1963) GROUND WATER RESOURCES OF WEST CENTRAL INDIANA VIGO COUNTY	10/1/1955

Owner-Contractor	Name	Address	Telephone
Owner	K. SHULTS	Not available	Not available
Driller	Not available	Not available	Not available
Operator	Not available	License Not available	

Construction Details

Well	Use: Not available	Drilling Method: Not available	Pump Type: Not available
	Depth: 53.0	Pump Setting Depth: Not available	Water Quality: Not available
Casing	Length: Not available	Material: Not available	Diameter: 6.0
Screen	Length: Not available	Material: Not available	Diameter: Not available
	Slot Size: Not available		

Well Capacity Test

Type of Test: Not available	Test Rate: 25.0 gpm	Bail Test Rate: Not available
Drawdown: 15.0 ft.	Static Water Level: 13.0 ft.	Bailer Drawdown: Not available

Grouting Information

Material: Not available	Depth: From (not available) To (not available)
Installation Method: Not available	Number of Bags Used: Not available

Well Abandonment

Sealing Material: Not available	Depth: From (not available) To (not available)
Installation Method: Not available	Number of Bags Used: Not available

Administrative

County: VIGO Range: 8W Topo Map: SEELYVILLE Field Located By: Not available Courthouse Location By: Not available Location Accepted w/o Verification By: Not available Subdivision Name: Not available Ft W of EL: Not available Ft E of WL: Not available Ground Elevation: 560.0 Bedrock Elevation: Not available UTM Easting: Not available	Township: 12N Section: SE of the SW of the SW of Section 32 Grant: Not available Field Located On: Not available Courthouse Location On: Not available Location Accepted w/o Verification On: Not available Lot Number: Not available Ft N of SL: Not available Ft S of NL: Not available Depth of Bedrock: Not available Aquifer Elevation: Not available UTM Northing: Not available
---	---

Well Log

Top	Bottom	Formation
0.0	17.0	SURFACE
17.0	41.0	HARDPAN, GRAY
41.0	53.0	WATER S&G

Comments

None

Record of Water Well

Indiana Department of Natural Resources

Reference Number	Driving Direction to Well	Date Completed
200921	WELL LOG FROM STATE BULLETIN #17, (1963) GROUND WATER RESOURCES OF WEST CENTRAL INDIANA VIGO COUNTY	10/1/1958

Owner-Contractor	Name	Address	Telephone
Owner	FRODERMAN	Not available	Not available
Driller	Not available	Not available	Not available
Operator	Not available	License Not available	

Construction Details

Well	Use: Not available	Drilling Method: Not available	Pump Type: Not available
	Depth: 43.0	Pump Setting Depth: Not available	Water Quality: Not available
Casing	Length: Not available	Material: Not available	Diameter: 4.0
Screen	Length: Not available	Material: Not available	Diameter: Not available
	Slot Size: Not available		

Well Capacity Test

Type of Test: Not available	Test Rate: Not available	Bail Test Rate: 10.0 gpm
Drawdown: Not available	Static Water Level: 9.0 ft.	Bailer Drawdown: Not available

Grouting Information

Material: Not available	Depth: From (not available) To (not available)
Installation Method: Not available	Number of Bags Used: Not available

Well Abandonment

Sealing Material: Not available	Depth: From (not available) To (not available)
Installation Method: Not available	Number of Bags Used: Not available

Administrative

County: VIGO Range: 8W Topo Map: SEELYVILLE Field Located By: Not available Courthouse Location By: Not available Location Accepted w/o Verification By: Not available Subdivision Name: Not available Ft W of EL: Not available Ft E of WL: Not available Ground Elevation: 560.0 Bedrock Elevation: Not available UTM Easting: Not available	Township: 12N Section: SE of the SE of the SE of Section 31 Grant: Not available Field Located On: Not available Courthouse Location On: Not available Location Accepted w/o Verification On: Not available Lot Number: Not available Ft N of SL: Not available Ft S of NL: Not available Depth of Bedrock: Not available Aquifer Elevation: Not available UTM Northing: Not available
---	---

Well Log

Top	Bottom	Formation
0.0	24.0	SURFACE
24.0	34.0	HARDPAN, GRAY
34.0	40.0	WATER SOFTPAN YEL & STRK S&G
40.0	43.0	HARDPAN GREY

Comments

None

Record of Water Well

Indiana Department of Natural Resources

Reference Number	Driving Direction to Well	Date Completed
210322	INDIANA STATE HIGHWAY DEPARTMENT - TERRE HAUTE UNIT - EAST OF TERRE HAUTE AT JCT OF I-70 & SR46 ; TEST HOLE #1; TEST HOLE LOCATED E OF SR46 S OF I-74	6/1/1976

Owner-Contractor	Name	Address	Telephone
Owner	STATE HIGHWAY COMM.	100 N. SENATE AVE INDIANAPOLIS, IN	Not available
Driller	FINDLAY DRILLING, INC	3025 S. 50 E LAFAYETTE, IN	Not available
Operator	ROBERT FINDLAY	License Not available	

Construction Details

Well	Use: Not available	Drilling Method: Rotary	Pump Type: Not available
	Depth: 129.0	Pump Setting Depth: Not available	Water Quality: Not available
Casing	Length: Not available	Material: Not available	Diameter: Not available
Screen	Length: Not available	Material: Not available	Diameter: Not available
	Slot Size: Not available		

Well Capacity Test

Type of Test: Not available	Test Rate: Not available	Bail Test Rate: Not available
Drawdown: Not available	Static Water Level: Not available	Bailer Drawdown: Not available

Grouting Information

Material: Not available	Depth: From (not available) To (not available)
Installation Method: Not available	Number of Bags Used: Not available

Well Abandonment

Sealing Material: Not available	Depth: From (not available) To (not available)
Installation Method: Not available	Number of Bags Used: Not available

Administrative

County: VIGO	Township: 11N
Range: 8W	Section: SW of the SW of the NW of Section 5
Topo Map: SEELYVILLE	Grant: Not available
Field Located By: Not available	Field Located On: Not available
Courthouse Location By: Not available	Courthouse Location On: Not available
Location Accepted w/o Verification By: L. WILLE	Location Accepted w/o Verification On: 9/1/1984
Subdivision Name: Not available	Lot Number: Not available
Ft W of EL: Not available	Ft N of SL: Not available
Ft E of WL: 700.0	Ft S of NL: 2,650.0
Ground Elevation: 540.0	Depth of Bedrock: 112.0
Bedrock Elevation: 428.0	Aquifer Elevation: Not available
UTM Easting: 471487	UTM Northing: 4363946

Well Log

Top	Bottom	Formation
0.0	1.0	DRIVEWAY
1.0	25.0	BROWN CLAY
25.0	31.0	GREY CLAY
31.0	33.0	BROWN SAND
33.0	56.0	COAL & CLAY
56.0	68.0	COAL
68.0	72.0	SOFT CLAY
72.0	81.0	STRIPS COAL
81.0	90.0	CLAY
90.0	103.0	STRIPS COAL

103.0	112.0	STICKY COAL
112.0	125.0	SOFT SHALE
125.0	129.0	LIMESTONE

Comments

MC 428;
LOCATION INFO
FROM
INVESTIGATION
FOLDER;
ASSOCIATED
LOGS; TEST
HOLE #1; DRY
HOLE

Record of Water Well

Indiana Department of Natural Resources

Reference Number	Driving Direction to Well	Date Completed
210324	HWY 46 & I70, 1ST HOUSE N OF I70 ON W SIDE ON HWY 46	10/9/1982
Owner-Contractor	Name	Address
Owner	LONG	RR31 TERRE HAUTE, IN
Driller	VAN GILDER WELL DRILLING	RR24 BOX 511,
Operator	DAVE MCCLAIN	License Not available
		Telephone
		Not available
		Not available
Construction Details		
Well	Use: Home	Drilling Method: Rotary
	Depth: 60.0	Pump Setting Depth: Not available
		Pump Type: Not available
Casing	Length: 61.0	Water Quality: Not available
Screen	Length: 3.0	Diameter: 5.0
	Slot Size: .012	Diameter: 5.0
Well Capacity Test	Type of Test: Not available	Test Rate: Not available
	Drawdown: Not available	Static Water Level: 14.0 ft.
		Bail Test Rate: 10.0 gpm for 1.0 hrs.
		Bailer Drawdown: Not available
Grouting Information	Material: Not available	Depth: From (not available) To (not available)
	Installation Method: Not available	Number of Bags Used: Not available
Well Abandonment	Sealing Material: Not available	Depth: From (not available) To (not available)
	Installation Method: Not available	Number of Bags Used: Not available
Administrative	County: VIGO	Township: 11N
	Range: 8W	Section: NE of the NE of the NE of Section 6
	Topo Map: SEELYVILLE	Grant: Not available
	Field Located By: GJC	Field Located On: 7/2/1984
	Courthouse Location By: Not available	Courthouse Location On: Not available
	Location Accepted w/o Verification By: Not available	Location Accepted w/o Verification On: Not available
	Subdivision Name: Not available	Lot Number: Not available
	Ft W of EL: 100.0	Ft N of SL: Not available
	Ft E of WL: Not available	Ft S of NL: 450.0
	Ground Elevation: 557.0	Depth of Bedrock: Not available
	Bedrock Elevation: Not available	Aquifer Elevation: 497.0
	UTM Easting: 471280	UTM Northing: 4364630

Well Log

Top	Bottom	Formation
0.0	14.0	YEL CLAY
14.0	22.0	RED SAND
22.0	22.5	RED HARDPAN
22.5	25.0	S & G
25.0	37.0	GRAY HARDPAN
37.0	48.0	RED SAND
48.0	60.0	GRAY HARDPAN

Comments

MC497;
NEIGHBOR
VERIFIED 15' W
OF HOUSE;
RUBBER
PACKER
INSTALLED AT
26'; WELL
SCREEN
INSTALLED AT
43' - 48' ;

Record of Water Well

Indiana Department of Natural Resources

Reference Number	Driving Direction to Well	Date Completed
210329	WELL LOG FROM STATE BULLETIN #17 (1963) GROUND WATER RESOURCES OF W. CENTRAL INDIANA VIGO CO. 11/8W-6A1	9/13/1950
Owner-Contractor	Name	Address
Owner	C KLUESNER	Not available
Driller	H ELLIS	Not available
Operator	Not available	License Not available
Telephone		Not available
		Not available
Construction Details		
Well	Use: Not available	Drilling Method: Not available
	Depth: 50.0	Pump Setting Depth: Not available
		Pump Type: Not available
		Water Quality: Not available
Casing	Length: Not available	Material: Not available
Screen	Length: Not available	Material: Not available
	Slot Size: Not available	Diameter: 8.0
		Diameter: Not available
Well Capacity Test	Type of Test: Not available	Test Rate: Not available
	Drawdown: Not available	Static Water Level: 10.0 ft.
		Bail Test Rate: 20.0 gpm
		Bailer Drawdown: Not available
Grouting Information	Material: Not available	Depth: From (not available) To (not available)
	Installation Method: Not available	Number of Bags Used: Not available
Well Abandonment	Sealing Material: Not available	Depth: From (not available) To (not available)
	Installation Method: Not available	Number of Bags Used: Not available
Administrative	County: VIGO	Township: 11N
	Range: 8W	Section: NE of the NE of the NE of Section 6
	Topo Map: SEELYVILLE	Grant: Not available
	Field Located By: Not available	Field Located On: Not available
	Courthouse Location By: Not available	Courthouse Location On: Not available
	Location Accepted w/o Verification By: Not available	Location Accepted w/o Verification On: Not available
	Subdivision Name: Not available	Lot Number: Not available
	Ft W of EL: Not available	Ft N of SL: Not available
	Ft E of WL: Not available	Ft S of NL: Not available
	Ground Elevation: 555.0	Depth of Bedrock: Not available
	Bedrock Elevation: Not available	Aquifer Elevation: Not available
	UTM Easting: Not available	UTM Northing: Not available

Well Log

Top	Bottom	Formation
0.0	17.0	SURFACE
17.0	22.0	SAND, GRAY
22.0	34.0	SH, SANDY
34.0	49.5	S&G (WATER) CRS

Comments

None

Attachment 7

2012 Environmental Restrictive Covenant



Environmental Restrictive Covenant

THIS ENVIRONMENTAL RESTRICTIVE COVENANT ("Covenant") is made this 25th day of October, 2012, by BT-OH, LLC, ATTN: Real Estate Department, 55 Glenlake Parkway NE, Atlanta, Georgia 30328.

WHEREAS: Owner is the fee owner of certain real estate in the County of Vigo, Indiana, which is located at 5596 E Margaret Drive/2530 State Road 46, Terre Haute, Indiana and more particularly described in the attached Exhibit "A" ("Real Estate"), which is hereby incorporated and made a part hereof. This Real Estate was acquired by deed on March 13, 2002, and recorded on March 14, 2002, as Deed Record 200206584, in the Office of the Recorder of Vigo County, Indiana. The Real Estate consists of approximately 4.63 acres and has also been identified by the county as parcel identification number 84-07-32-300-013.000-009. The Real Estate to which this Covenant applies is depicted on a map attached hereto as Exhibit "B".

WHEREAS: Corrective action was implemented in accordance with IC 13-23 and other applicable Indiana law as a result of a release of petroleum relating to the UPS-Terra Haute Site. The incident number assigned by the Indiana Department of Environmental Management ("Department" or "IDEM") for the release is 199006552, and the relevant facility identification number is 001697.

WHEREAS: Certain contaminants of concern ("COCs") remain in the groundwater and soil of the Real Estate following completion of corrective action. The Department has determined that the COCs will not pose an unacceptable risk to human health at the remaining concentrations, provided that the land use restrictions contained herein are implemented and engineering controls maintained to protect human health and the environment. These COCs are arsenic in subsurface soil and arsenic and lead in groundwater. The levels of COCs exceeding IDEM Risk Integrated System of Closure (RISC) Technical Resource Guidance Document (January 31, 2006, Revised May 1, 2009) Residential Default Closure Levels (RDCLs) are summarized on Table 1 and Table 2 in Exhibit "C", which is attached hereto and incorporated herein. The location of soil and groundwater samples exceeding the applicable RISC-RDCLs is depicted on the Site Map attached hereto as Exhibit "B".

WHEREAS: Environmental investigation reports and other related documents are hereby incorporated by reference and may be examined at the offices of the Department, which is located in the Indiana Government Center North building at 100 N. Senate Avenue, Indianapolis,

RECEIVED

NOV 21 2012

DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT
OFFICE OF LAND QUALITY

Indiana. The documents may also be viewed electronically in the Department's Virtual File Cabinet by accessing the Department's Web Site (currently www.in.gov/idem/).

NOW THEREFORE, BT-OH, LLC subjects the Real Estate to the following restrictions and provisions, which shall be binding on the current Owner and all future Owners:

I. RESTRICTIONS

1. Restrictions. The Owner:

- (a) Shall not use or allow the use of the Real Estate for residential purposes, including, but not limited to, daily child care facilities or educational facilities for children (e.g., daycare centers or K-12 schools).
- (b) Shall not use or allow the use or extraction of groundwater at the Real Estate for any purpose, including, but not limited to: human or animal consumption, gardening, industrial processes, or agriculture, except that groundwater may be extracted in conjunction with environmental investigation and/or remediation activities.
- (c) Shall not use the Real Estate for any agricultural use.
- (d) Shall restore soil disturbed as a result of excavation and construction activities in such a manner that the remaining contaminant concentrations do not present a threat to human health or the environment. This determination shall be made using the Department's Risk Integrated System of Closure ("RISC") Technical Guidance Document. Upon the Department's request, the Owner shall provide the Department written evidence (including sampling data) showing the excavated and restored area, and any other area affected by the excavation, does not represent such a threat. Contaminated soils that are excavated must be managed in accordance with all applicable federal and state laws; and disposal of such soils must also be done in accordance with all applicable federal and state laws.

II. GENERAL PROVISIONS

2. Restrictions to Run with the Land. The restrictions and other requirements described in this Covenant shall run with the land and be binding upon, and inure to the benefit of the Owner of the Real Estate and the Owner's successors, assignees, heirs and lessees and their authorized agents, employees, contractors, representatives, agents, lessees, licensees, invitees, guests, or persons acting under their direction or control (hereinafter "Related Parties") and shall continue as a servitude running in perpetuity with the Real Estate. No transfer, mortgage, lease, license, easement, or other conveyance of any interest in or right to occupancy in all or any part of the Real Estate by any person shall affect the restrictions set forth herein. This Covenant is imposed upon the entire Real Estate unless expressly stated as applicable only to a specific portion thereof.
3. Binding upon Future Owners. By taking title to an interest in or occupancy of the Real Estate, any subsequent Owner or Related Party agrees to comply with all of the restrictions set forth in paragraph 1 above and with all other terms of this Covenant.
4. Access for Department. The Owner shall grant to the Department and its designated representatives the right to enter upon the Real Estate at reasonable times for the purpose of monitoring compliance with this Covenant and ensuring its protectiveness; this right includes the right to take samples and inspect records
5. Written Notice of the Presence of Contamination. Owner agrees to include in any instrument conveying any interest in any portion of the Real Estate, including but not limited to deeds, leases and subleases (excluding mortgages, liens, similar financing interests, and other non-possessory encumbrances), the following notice provision (with blanks to be filled in):

NOTICE: THE INTEREST CONVEYED HEREBY IS SUBJECT TO AN ENVIRONMENTAL RESTRICTIVE COVENANT, DATED OCTOBER 25 2012, RECORDED IN THE OFFICE OF THE RECORDER OF VIGO COUNTY ON _____, 2012, INSTRUMENT NUMBER (or other identifying reference) _____ IN FAVOR OF AND ENFORCEABLE BY THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT.

6. Notice to Department of the Conveyance of Property. Owner agrees to provide notice to the Department of any conveyance (voluntary or involuntary) of any ownership interest in the Real Estate (excluding mortgages, liens, similar financing interests, and other non-possessory encumbrances). Owner must provide the Department with the notice within thirty (30) days of the conveyance and: (a) include a certified copy of the instrument conveying any interest in any portion of the Real Estate, and (b) if it has been recorded, its recording reference, and (c) the name and business address of the transferee.
7. Indiana Law. This Covenant shall be governed by, and shall be construed and enforced according to, the laws of the State of Indiana.

III. ENFORCEMENT

8. Enforcement. Pursuant to IC 13-14-2-6 and other applicable law, the Department may proceed in court by appropriate action to enforce this Covenant. Damages alone are insufficient to compensate IDEM if any owner of the Real Estate or its Related Parties breach this Covenant or otherwise default hereunder. As a result, if any owner of the Real Estate, or any owner's Related Parties, breach this Covenant or otherwise default hereunder, IDEM shall have the right to request specific performance and/or immediate injunctive relief to enforce this Covenant in addition to any other remedies it may have at law or at equity. Owner agrees that the provisions of this Covenant are enforceable and agrees not to challenge the provisions or the appropriate court's jurisdiction.

IV. TERM, MODIFICATION AND TERMINATION

9. Term. The restrictions shall apply until the Department determines that the contaminants of concern no longer present an unacceptable risk to the public health, safety, or welfare, or to the environment.
10. Modification and Termination. This Covenant shall not be amended, modified, or terminated without the Department's prior written approval. Within thirty (30) days of executing an amendment, modification, or termination of the Covenant, Owner shall

record such amendment, modification, or termination with the Office of the Recorder of Vigo County and within thirty (30) days after recording, provide a true copy of the recorded amendment, modification, or termination to the Department.

V. MISCELLANEOUS

11. Waiver. No failure on the part of the Department at any time to require performance by any person of any term of this Covenant shall be taken or held to be a waiver of such term or in any way affect the Department's right to enforce such term, and no waiver on the part of the Department of any term hereof shall be taken or held to be a waiver of any other term hereof or the breach thereof.
12. Conflict of and Compliance with Laws. If any provision of this Covenant is also the subject of any law or regulation established by any federal, state, or local government, the strictest standard or requirement shall apply. Compliance with this Covenant does not relieve the Owner of its obligation to comply with any other applicable laws.
13. Change in Law, Policy or Regulation. In no event shall this Covenant be rendered unenforceable if Indiana's laws, regulations, RISC guidelines, or remediation policies (including those concerning environmental restrictive covenants, or institutional or engineering controls) change as to form or content. All statutory references include any successor provisions.
14. Notices. Any notice, demand, request, consent, approval or communication that either party desires or is required to give to the other pursuant to this Covenant shall be in writing and shall either be served personally or sent by first class mail, postage prepaid, addressed as follows:

To Owner:
BT-OH, LLC
Attn: Real Estate
55 Glenlake Parkway NE
Atlanta, Georgia 30328

To Department:

IDEM, Office of Land Quality
100 N. Senate Avenue
IGCN 1101
Indianapolis, IN 46204-2251
Attn: Section Chief, Leaking Underground Storage Tank Program

An Owner may change its address or the individual to whose attention a notice is to be sent by giving written notice via certified mail.

15. Severability. If any portion of this Covenant or other term set forth herein is determined by a court of competent jurisdiction to be invalid for any reason, the surviving portions or terms of this Covenant shall remain in full force and effect as if such portion found invalid had not been included herein.
16. Authority to Execute and Record. The undersigned person executing this Covenant represents that he or she is the current fee Owner of the Real Estate or is the authorized representative of the Owner, and further represents and certifies that he or she is duly authorized and fully empowered to execute and record, or have recorded, this Covenant.

Owner hereby attests to the accuracy of the statements in this document and all attachments.

IN WITNESS WHEREOF, BT-OH, LLC, the said Owner of the Real Estate described above has caused this Environmental Restrictive Covenant to be executed on this 25th day of October, 2012.

I affirm, under the penalties for perjury, that I have taken reasonable care to redact each Social Security number in this document, as required by law.

BT-OH, LLC, a Delaware limited liability company

By: 

Name: Paul Harper

Title: Corporate Environmental Program Manager

STATE OF GEORGIA)
) SS:
COUNTY OF FULTON)

Before me, the undersigned, a Notary Public in and for said County and State, personally appeared PAUL HARPER, the AGENT of the Owner, BT-OH, LLC, who acknowledged the execution of the foregoing instrument for and on behalf of said entity.

Witness my hand and Notarial Seal this 26 day of OCTOBER, 2012.

Heather P Grindle

Heather P Grindle, Notary Public

Residing in C. CHEROKEE County, GA

My Commission Expires:

This instrument prepared by:
Debbie Strawhand
Client Manager
Sierra Piedmont® Inc.
12045 Highway 92
Woodstock, Georgia 30188

HEATHER P GRINDLE
NOTARY PUBLIC
CHEROKEE COUNTY
STATE OF GEORGIA
My Commission Expires April 26, 2014

I affirm, under the penalties for perjury, that I have taken reasonable care to redact each Social Security number in this document, unless required by law:

Debbie Strawhand
Client Manager
Sierra Piedmont® Inc.
12045 Highway 92
Woodstock, Georgia 30188

EXHIBIT A

LEGAL DESCRIPTION OF REAL ESTATE

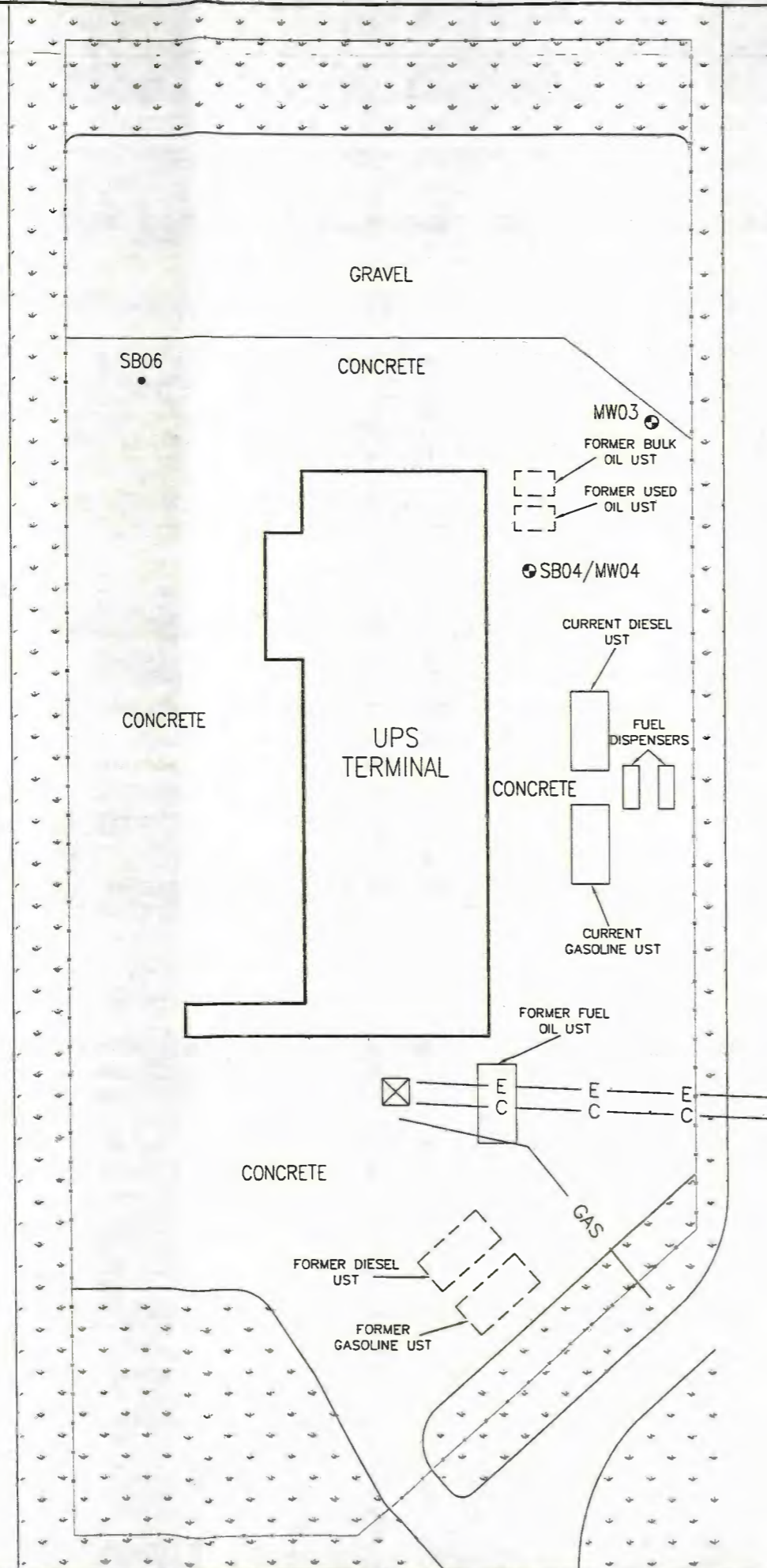
Commencing at the Southwest Corner of Section 32, Township 12 North, Range 8 West, Lost Creek Township, Vigo County, Indiana; thence North 00 degrees 02 minutes East 429.90 feet to the place of beginning; thence North 00 degrees 02 minutes East 600 feet; thence North 89 degrees 37 minutes East 350 feet; thence South 00 degrees 02 minutes West 475.31 feet; thence South 46 degrees 58 minutes West 184.39 feet; thence South 89 degrees 37 minutes West 215.65 feet to the place of beginning and containing 4.629 acres, more or less, 3.377 acres more or less of which are lying East of the Indiana State Road 46 Right-of-Way. Also, a non-exclusive easement for ingress and egress, and for utilities to serve said tract over the following described real estate; Commencing at the Southwest Corner of Section 32, Township 12 North, Range 8 West; thence North 89 degrees 37 minutes East 494 feet to the start of this non-exclusive easement; thence North 00 degrees 02 minutes East 104.80 feet; thence North 43 degrees 02 minutes West 442 feet; thence north 89 degrees 37 minutes East 23.47 feet; thence North 46 degrees 48 minutes East 184.39 feet; thence North 00 degrees 02 minutes East 475.31 feet; thence North 89 degrees 37 minutes East 60 feet; thence South 00 degrees 07 minutes West 501.79 feet; thence South 46 degrees 38 minutes West 144.71 feet; thence South 43 degrees 02 minutes East 400 feet; thence South 00 degrees 02 minutes West 135.82 feet; thence South 89 degrees 37 minutes West 83.42 feet to the place of beginning.

EXHIBIT B

- FIGURE 1 – SOIL BORING AND MONITORING WELL LOCATION MAP**
FIGURE 2 – SUBSURFACE SOIL EXCEEDING IDEM RISC-RDCLS
FIGURE 3 – GROUNDWATER EXCEEDING IDEM RISC-RDCLS

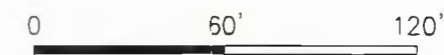


STATE ROAD 46



LEGEND:

- FENCE LINE
- CONCRETE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND GAS LINE
- UNDERGROUND TELEPHONE LINE
- VEGETATIVE GROUND COVER
- UST UNDERGROUND STORAGE TANK
- TRANSFORMER
- SB04/MW04 SOIL BORING/GROUNDWATER MONITORING WELL
- MW03 GROUNDWATER MONITORING WELL
- SB06 SOIL BORING



SCALE: 1"=60'

DRAWING IS APPROXIMATE (NOT SUITABLE FOR UTILITY LOCATES OR AS BUILT DRAWINGS)



sierrapiedmont

12045 Highway 92
Woodstock, GA 30188
www.sierrapiedmont.com

Office: 770-792-6200
Fax: 770-792-6005

UNITED PARCEL SERVICE
2530 STATE ROAD 46
TERRE HAUTE, INDIANA 47803

SOIL BORING AND MONITORING WELL LOCATION MAP

SCALE: AS SHOWN	DRAWN BY: JRG	DRAWING NO. UPSS10123.00	REV. NO.
DATE: 5/09/2012	CHECKED BY: SLB	FIGURE 1	1
REVISION DATE:	APPROVED BY: DKS		

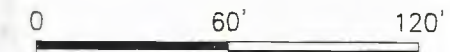
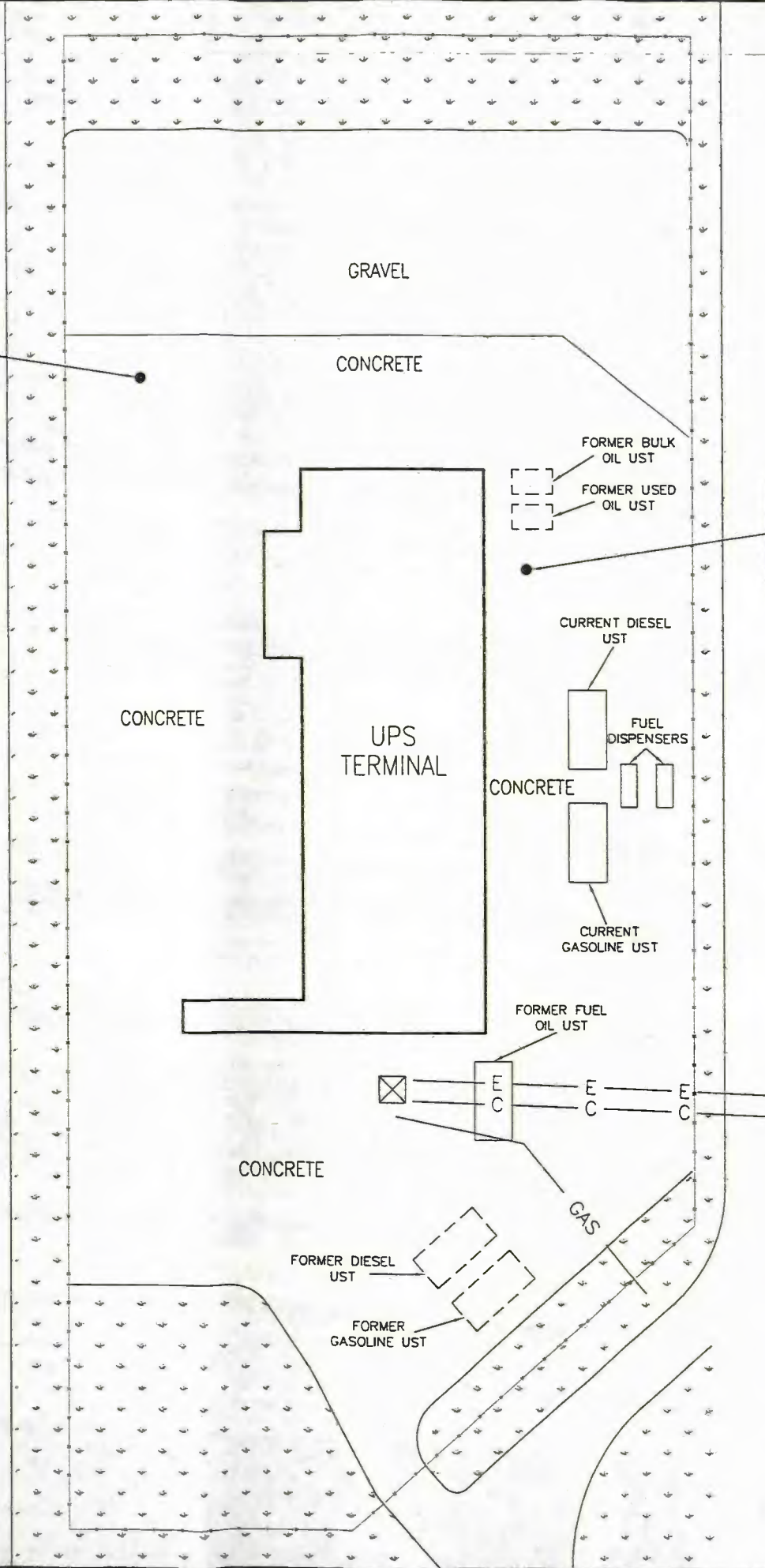


SB06 (09/01/2010)	
	ARSENIC (mg/kg)
12-16FT	4.20
IDEM RISC-RDCLS (mg/kg)	3.9

SB04 (08/31/2010)	
	ARSENIC (mg/kg)
12-16FT	8.95
IDEM RISC-RDCLS (mg/kg)	3.9

- LEGEND:**
- FENCE LINE
 - CONCRETE
 - UNDERGROUND ELECTRIC LINE
 - UNDERGROUND GAS LINE
 - UNDERGROUND TELEPHONE LINE
 - VEGETATIVE GROUND COVER
 - UST UNDERGROUND STORAGE TANK
 - TRANSFORMER
 - AREA OF SOIL EXCEEDANCE
 - IDEM INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 - RISC-RDCLS RISK INTEGRATED SYSTEM OF CLOSURE-RESIDENTIAL DEFAULT CLOSURE LEVELS
 - mg/kg MILLIGRAMS PER KILOGRAM

STATE ROAD 46



SCALE: 1"=60'

DRAWING IS APPROXIMATE (NOT SUITABLE FOR UTILITY LOCATES OR AS BUILT DRAWINGS)



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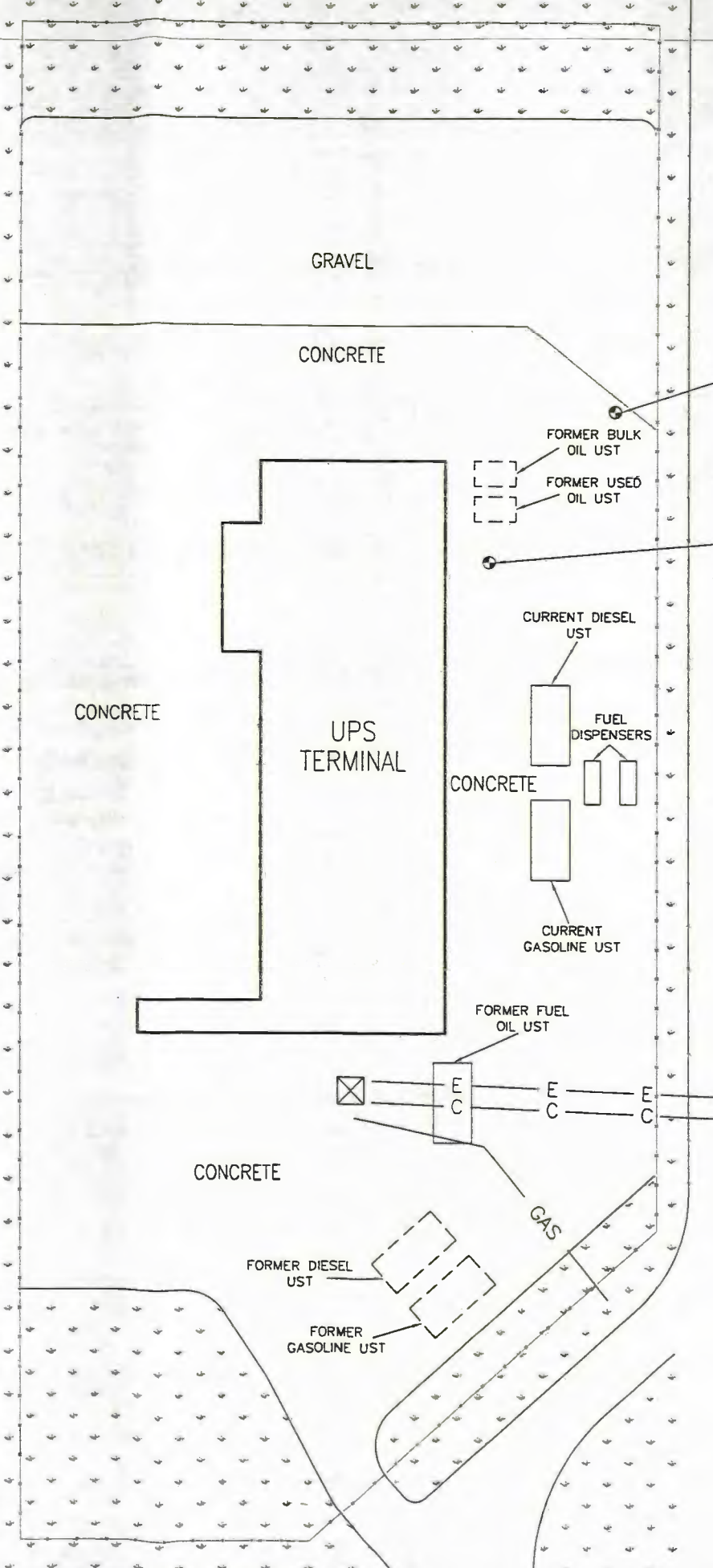
UNITED PARCEL SERVICE
2530 STATE ROAD 46
TERRE HAUTE, INDIANA 47803

SUBSURFACE SOIL EXCEEDING
IDEM RISC-RDCLS

SCALE: AS SHOWN	DRAWN BY: JRG	DRAWING NO. UPSS10123.00	REV. NO.
DATE: 5/09/2012	CHECKED BY: SLB	FIGURE 2	1
REVISION DATE:	APPROVED BY: DKS		



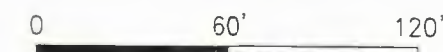
STATE ROAD 46



MW03 (09/01/2010)		
	ARSENIC (ug/L)	LEAD (ug/L)
	0.0108	0.0205
IDEM RISC-RDCLS (ug/L)	0.01	0.015

MW04 (09/01/2010)		
	ARSENIC (ug/L)	LEAD (ug/L)
	0.0124	0.0182
IDEM RISC-RDCLS (ug/L)	0.01	0.015

- LEGEND:**
- FENCE LINE
 - CONCRETE
 - UNDERGROUND ELECTRIC LINE
 - UNDERGROUND GAS LINE
 - UNDERGROUND TELEPHONE LINE
 - VEGETATIVE GROUND COVER
 - UST UNDERGROUND STORAGE TANK
 - TRANSFORMER
 - GROUNDWATER MONITORING WELL
 - IDEM INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 - RISC-RDCLS RISK INTEGRATED SYSTEM OF CLOSURE-RESIDENTIAL DEFAULT CLOSURE LEVELS
 - ug/L MICROGRAMS PER LITER



SCALE: 1"=60'

DRAWING IS APPROXIMATE (NOT SUITABLE FOR UTILITY LOCATES OR AS BUILT DRAWINGS)



12045 Highway 92
 Woodstock, GA 30188
 www.sierrapiedmont.com

Office: 770-792-6200
 Fax: 770-792-6005

UNITED PARCEL SERVICE
 2530 STATE ROAD 46
 TERRE HAUTE, INDIANA 47803

GROUNDWATER EXCEEDING
 IDEM RISC-RDCLS

SCALE: AS SHOWN	DRAWN BY: JRG	DRAWING NO. UPSS10123.00	REV. NO.
DATE: 5/09/2012	CHECKED BY: SLB	FIGURE 3	1
REVISION DATE:	APPROVED BY: DKS		

EXHIBIT C

TABLE 1 – SUMMARY OF SOIL CONCENTRATIONS ABOVE IDEM RISC-RDCLs

**TABLE 2 – SUMMARY OF GROUNDWATER CONCENTRATIONS ABOVE IDEM
RISC-RDCLs**

TABLE 1
SUMMARY OF SOIL CONCENTRATIONS EXCEEDING IDEM RISC-RDCLs
 All results in mg/kg

UPS-TERRE HAUTE
2530 STATE ROAD 46
TERRE HAUTE, VIGO COUNTY, INDIANA
FACILITY ID #001697

Boring ID	Date Sampled	Depth (ft)	Arsenic
SB04	08/31/10	12-16	8.95
SB06	09/01/10	12-16	4.20
IDEM RISC Technical Guide, Table A, Residential Closure Levels			3.9

Notes:
 IDEM = Indiana Department of Environmental Management
 RISC =Risk Integrated System of Closure
 RDCLs =Residential Default Closure Levels
 (mg/kg) = milligrams per kilogram
 SB = Soil Boring

TABLE 2
SUMMARY OF GROUNDWATER CONCENTRATIONS EXCEEDING IDEM RISC-RDCLs
 (All results are in µg/L)

UPS-TERRE HAUTE
2530 STATE ROAD 46
TERRE HAUTE, VIGO COUNTY, INDIANA
FACILITY ID #001697

Boring ID	Date Sampled	Arsenic	Lead
MW03	9/1/10	0.0108	0.0205
MW04	9/1/10	0.0124	0.0182
IDEM RISC Technical Guide, Table A, Residential Closure Levels		0.01	0.015

Notes:
 IDEM = Indiana Department of Environmental Management
 RISC = Risk Integrated System of Closure
 RDCLs = Residential Default Closure Levels
 (µg/L) = Micrograms per liter
 MW = Monitoring Well

Attachment 3- ISC Report

Waste Disposal Documents for Water Recovery During Resurfacing Activities

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

WPS
5576 E MARGARODRIVE

Generator's Phone:

702-749-1147

6. Transporter 1 Company Name

PECCO, INC

U.S. EPA ID Number

R40000967653

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Vulcor Environmental Services
2660 LEFFERSON ROAD
MIDDLETOWN, OH 45044

U.S. EPA ID Number

Facility's Phone:

9. Waste Shipping Name and Description

10. Containers

No.

Type

11. Total Quantity

12. Unit Wt./Vol.

1. OFFSPEC WATER CRPD

1

TT

5,000 G

2.

3.

4.

13. Special Handling Instructions and Additional Information

WO # 341014

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name

Signature

Month Day Year

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

UPS
5596 E. Margaret Drive

Generator's Phone: Terre Haute, IN 47807 (829) 821-9217

6. Transporter 1 Company Name

FEUCO, INC.

U.S. EPA ID Number

NY 000067653

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Valtech Environmental Services
2640 Jefferson Road

U.S. EPA ID Number

Facility's Phone:

Middletown, OH 45044 (937) 746-7944

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt./Vol.

1. Off Spec Water (RPP)

No.

Type

3776

G

2.

3.

4.

13. Special Handling Instructions and Additional Information

Approved for offsite use per RCRA 23100

ICC # 311015

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offor's Printed/Typed Name

Signature

Month Day Year

15. International Shipments Import to U.S. Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
 2. Page 1 of
 3. Emergency Response Phone: 937-485-8000
 4. Waste Tracking Number: 06032024WBL

5. Generator's Name and Mailing Address: UPS
 5500 E. Margaret Drive
 Generator's Site Address (if different than mailing address): Terra Haute, IN 47962 (937) 821 6717

6. Transporter 1 Company Name: PECCO INC
 U.S. EPA ID Number: KY 0000987653

7. Transporter 2 Company Name
 U.S. EPA ID Number

8. Designated Facility Name and Site Address: Water Environmental Services
 2640 Lefferson Road
 Middletown, OH 45044 (937) 746 7944
 Facility's Phone:
 U.S. EPA ID Number

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type		
1. Off Spec Water (RPP)	1	TT	4900	G
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
 Approval Profile # LEF RPP 021100
 NO # 341011

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
 Generator's/Offeror's Printed/Typed Name: Signature: Month: Day: Year:

15. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
 Transporter 1 Printed/Typed Name: Signature: Month: Day: Year: 10/3/29
 Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

17. Discrepancy
 17a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection
 Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number
 Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
 Printed/Typed Name: Signature: Month: Day: Year:

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

UPS
5596 E. Margaret Drive

Generator's Phone:

Terrace Hill, IN 47403 (317) 621-9217

6. Transporter 1 Company Name

U.S. EPA ID Number

PEP CO, INC

8110000067533

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

U.S. EPA ID Number

Value Environmental Services
2547 Jefferson Road

Facility's Phone:

Middletown, OH 45044 (513) 746-7544

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt./Vol.

No. Type

1.

Off Spec Water (HPP)

1

TI

4119

0

2.

3.

4.

13. Special Handling Instructions and Additional Information

Approved / Profile # 1 ET RPP 021193

WC # 2411017

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offoror's Printed/Typed Name

Signature

Month Day Year

William G. ...

[Signature]

6/4/07

15. International Shipments Import to U.S. Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Tyler Blackmon

[Signature]

6/3/07

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator. Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

Clare K... [Signature]

6/7/07

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY