



PHASE ENGINEERING

Phase II Environmental Site Assessment

October 23, 2025

PE Project No.: 202510014

301 Cypress Street
Abilene, Texas 79601
Taylor County

Prepared for:

Overland Property Group
5341 West 151st Terrace
Leawood, Kansas 66224

Prepared by:

Phase Engineering, LLC
5524 Cornish Street
Houston, Texas 77007



October 23, 2025

Overland Property Group
5341 West 151st Terrace
Leawood, Kansas 66224

Re: Phase II Environmental Site Assessment
301 Cypress Street
Abilene, Taylor County, Texas 79601
Phase Engineering, LLC Project No. 202510014

To Whom It May Concern,

Phase Engineering, LLC (Phase) has completed a Phase II Environmental Site Assessment of the above-referenced property. The scope of work was conducted in accordance with the executed letter of engagement based on generally accepted industry standards. This report has been released under the authority of Ross Doctoroff (TBPGE License #2767) and Phase Engineering, LLC (TBPGE Licensed Geoscience Firm #50283) on October 23, 2025.

Thank you for using the professional environmental services of Phase Engineering, LLC. Please contact either of the undersigned if you have any questions regarding this project.

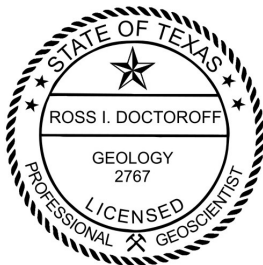
Sincerely,

Ross Doctoroff, Texas P.G. #2767

Karly E. Allen, MSPH

Vice President

Remediation Projects Director





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1.0 Executive Summary

1.1 Subject Property Description

The subject property is located at 301 Cypress Street, Abilene, Taylor County, Texas 79601 and currently consists of an unoccupied multi-story office building and an unoccupied retail storefront and associated parking.

1.2 Purpose of Assignment

The purpose of this Phase II Environmental Site Assessment (ESA) was to investigate the potential for impact to soil and/or groundwater from undocumented releases of hazardous substances and petroleum products in association with historical automotive repair, service, and fueling operations and associated gas tanks as well as historical cleaning and pressing activities conducted at the subject property.

Assessment activities at the subject property also included a Vapor Encroachment Screening (VES) assessment to determine if the potential for vapor intrusion and/or ongoing vapor intrusion exists in association with the historical operations of environmental concern at the subject property. This assessment has been reported under separate cover.

2.0 Background

2.1 Prior Environmental Site Assessments

The following is a summary of findings, opinion, and recommendation associated with the recognized environmental condition (REC) identified in connection with the subject property as reported under the prior ESA related evaluation prepared for the subject property:

Phase Engineering, LLC - Phase I Environmental Site Assessment dated February 5, 2025

FINDINGS AND OPINION

"Historical street directories and fire insurance maps indicate that businesses conducting automotive service related activities operated at the subject property, including the following:

- Gasoline filling and service stations were listed at 1037 and 1051 North 4th Street from the mid-1920s to the mid-1930s under the names Cadillac-LaSalle Service and Hollinshead Service Station. The 1925 and 1929 fire insurance maps show gasoline tanks "GTs" at this facility.*
- A battery service shop was listed at 1031, 1051 & 1053 North 4th Street from the late-1920s to the early-1950s under the name Exide Battery Service.*
- An automotive service shop was listed at 1051 & 1053 North 4th Street from the early-1940s to the early-1950s under the name Sears Roebuck service department.*
- An automotive paint and repair shop was listed at 333 Cypress Street during the early-1920s under the name Western Auto Top & Paint Shop.*
- Automotive sales and rental facilities and taxi and bus services were listed at 357 Cypress Street from the late-1920s to the early-1940s under the names Capital Motor Company, Rent-A-Car Company, City Service Taxi & Bus and Fielder O B & Sons. The 1925 and 1929 fire insurance maps show gasoline tanks "GTs" at this facility.*
- A gasoline service station was listed at 389 Cypress Street from the mid-1930s to the early-1940s under the names Connally's Service Station and T&P Service Station.*
- A bus depot was listed at 389 Cypress Street from the mid-1940s to the mid-1950s under the names American Bus Depot, American Bus Lines, Inc. and Continental Trailways. The 1950 fire insurance map shows an oil storage room at this facility.*

USTs operated at the onsite gasoline filling and service stations prior to the promulgation of UST registration and decommissioning requirements. No records were available which could be used to determine the final status or condition of USTs historically active at this property or the results of any release determination investigations possibly conducted in connection with UST decommissioning. This is a significant data gap. Automotive repair shops are known to store, use and dispose of hazardous substances and petroleum products possibly including degreaser solvents, paints, paint thinners, coolants, oil, hydraulic oil, lubricants, gasoline and diesel.

The subject property has likely been impacted as a result of automotive service and fueling operations conducted onsite based on the duration of operations and lack of information regarding any UST decommissioning investigation activities or the final status and condition of historical USTs, which prevents the environmental professional from verifying that investigation of the former UST systems was adequate to discover any releases. This represents a recognized environmental condition."

RECOMMENDATION

"The following recommendation is made with respect to the environmental aspects of the subject property:

- A Phase II Environmental Site Assessment is recommended to investigate the potential environmental impact due to the identified recognized environmental condition."*

3.0 Scope of Investigation

The investigation consisted of installation of five (5) soil borings utilizing direct push technology (DPT), conversion of three (3) of the soil borings into temporary groundwater monitoring wells (TMWs) (the remaining two (2) soil borings were limited to 15 feet in depth for evaluation of surface and near-surface releases), and collection of selected soil and groundwater samples for laboratory analysis on October 9, 2025.

A groundwater bearing unit (GWBU) was encountered during soil boring installation activities at depths ranging from 10 to 13 feet bgs. The soil borings selected for evaluation of groundwater (SB-1, SB-3, and SB-5) were each converted into a temporary groundwater monitoring well.

All samples selected for laboratory analysis during this assessment were submitted to Eurofins Environmental Testing and verification of delivery and transfer of the samples is documented on the enclosed laboratory chain of custody.

3.1 Soil Investigation Details

3.1.1 Soil Sample Handling and Preservation Details

Soil grab samples were collected directly from Shelby tubes with disposable plastic liners and handled with nitrile gloves. Soil samples were collected into containers provided by Eurofins Environmental Testing and preserved utilizing the following methods:

- EPA Method 5035
- Methanol
- Placed on ice at temperatures less than 4° C.

3.1.2 Laboratory Analysis Performed

The following laboratory methods were performed by Eurofins Environmental Testing for soil samples selected during this assessment:

Selected Soil Sample Information	
Type of Analysis	Analysis Method
Volatile Organic Compounds (VOCs)	EPA Method 8260
Total Petroleum Hydrocarbons (TPH)	Texas Method 1005
RCRA 8 Metals	EPA Method 6020 and 7471
pH	EPA Method 9045

3.1.3 Locations of Areas Assessed

Soil boring locations / rationale are summarized in the following table:

Soil Boring Locations and Rationale		
Sample Location #	Location Description	Rationale
SB-1	Northeast corner of subject property	Location of historical gasoline filling and service station and proximate to battery service shop with oil room and former gasoline tank
SB-2	Northeast portion of subject property	Location of former battery service shop with oil room
SB-3	East-central portion of subject property, near center of east property boundary	Proximate to historical automotive sales and service building and proximate to former gasoline tank
SB-4	North-central portion of subject property	Proximate to historical cleaning and pressing operations and historical automotive paint and repair shop as well as former gasoline tanks
SB-5	West-central portion of subject property, along west property boundary	Proximate to historical cleaning and pressing operations and automotive sales and service building as well as former offsite gasoline tank

3.1.4 Field Screening Summary

Soil field screening activities were conducted at minimum intervals of two to four feet bgs during advancement of each soil boring. The soil samples were collected into disposable plastic bags and allowed to equilibrate (allowing concentrations between the soil and headspace of the bag to equalize) prior to Organic Vapor Meter (OVM) screening. The field technician additionally noted visual or olfactory observations during the sample event. The following table summarizes screening results noted during investigation activities:

Field Screening Summary			
Sample Location #	Visual Observation	Olfactory Observation	OVM Summary
SB-1	None	None	All $\leq$ 0.2 ppm
SB-2	None	None	All $\leq$ 0.3 ppm
SB-3	None	None	All $\leq$ 0.2 ppm
SB-4	None	None	All $\leq$ 0.3 ppm
SB-5	None	None	All $\leq$ 0.7 ppm

3.1.5 Summary of Soil Samples Selected for Laboratory Analysis

The following table summarizes the sample interval depths and the rationale utilized for selection of soil samples for laboratory analysis:

Soil Sample Selection Rationale Summary		
Sample Location #	Sample Depth (feet bgs)	Rationale Description
SB-1	5-8	Evaluation of potential near-surface releases Lack of elevated OVM readings Depth of source evaluated (former UST tankhold)
SB-2	1-5	Evaluation of potential surface releases Lack of elevated OVM readings Depth of source evaluated (battery service and oil room/storage)
	13-15	Evaluation of potential subsurface releases Termination depth of soil boring
SB-3	5-8	Evaluation of potential near-surface releases Lack of elevated OVM readings Depth of source evaluated (former UST tankhold)
SB-4	3-5	Evaluation of potential near-surface releases Depth of source evaluated (potential drains at repair and cleaning facilities) Lack of elevated OVM readings
	10-12	Evaluation of potential subsurface releases Termination depth of soil boring / boring refusal
SB-5	1-5	Evaluation of potential surface releases Lack of elevated OVM readings

3.2 Groundwater Investigation Details

3.2.1 Groundwater Handling and Preservation Details

Groundwater samples were collected into containers provided by Eurofins Environmental Testing and preserved utilizing the following methods:

- Nitric acid
- Hydrochloric acid
- Placed on ice at temperatures less than 4° C.

3.2.2 Laboratory Analysis Performed

The following laboratory methods were performed by Eurofins Environmental Testing for groundwater samples collected during this assessment:

Groundwater Laboratory Analysis Performed	
Type of Analysis	Analysis Method
RCRA 8 Metals	EPA Method 6020 and 7470
Volatile Organic Compounds (VOCs)	EPA Method 8260
Total Petroleum Hydrocarbons (TPH)	Texas Method 1005

3.2.3 Methodology Utilized During Groundwater Sample Collection

Groundwater samples were collected using low-flow techniques with a peristaltic pump and dedicated tubing. Depth to groundwater measurements were collected prior to purging and prior to sample collection. A minimum of three well volumes was attempted to have been purged from each

temporary groundwater monitoring well. Groundwater was allowed to recharge to at least 90% of the initial static water level prior to sample collection. The groundwater samples collected for metals analysis were field-filtered using an inline 10-micron filter prior to filling the sample containers.

4.0 Findings

4.1 Soil Laboratory Results Summary

The following summarizes the results of each analytical suite for the soil samples selected for laboratory analyses during this assessment:

- Arsenic was detected in all soil samples selected for laboratory analysis at concentrations ranging from 2.52 mg/kg to 6.24 mg/kg. All detected arsenic concentrations are less than its Texas Commission on Environmental Quality (TCEQ) Texas Risk Reduction Program (TRRP) Tier 1 Protective Concentration Level (PCL) for direct exposure to soil in a residential setting of 24 mg/kg, but the concentration detected at SB-2 13-15' is greater than its Texas State Background Concentration (TSBC) of 5.9 mg/kg (applicable for the soil to groundwater pathway). The elevated arsenic concentration was further evaluated through calculation of a Tier 2 soil to groundwater PCL using the site-specific pH of the soil and observed site conditions/lithology for fate and transport modeling. The Tier 2 PCL was determined to be 6.22 mg/kg; the arsenic concentration of concern is nearly equivalent to the Tier 2 PCL, suggesting that the concentration is protective of groundwater. The site is subject to a use restriction for groundwater (see Section 5.0).

Barium, chromium, and lead were detected in all soil samples selected for laboratory analysis at concentrations that are less than their respective TCEQ TRRP Tier 1 PCLs for soil (or TSBC where applicable for the soil to groundwater pathway) for unrestricted site use.

Mercury was detected in the soil sample selected for laboratory analysis at SB-2 13-15' at a concentration that is less than its TCEQ TRRP Tier 1 PCLs for soil for unrestricted site use.

Cadmium, selenium, and silver were not detected in the soil samples selected for laboratory analysis at concentrations greater than their respective laboratory reporting limits (RLs).

- No VOC constituents were detected in the soil samples selected for laboratory analysis at concentrations greater than their respective laboratory RLs.
- TPH in the diesel range was detected in the soil samples selected for laboratory analysis at SB-2 13-15' and SB-4 3-5' at concentrations that are less than its TCEQ TRRP Tier 1 PCLs for soil for unrestricted site use.

No other TPH ranges were detected in any of the soil samples selected for laboratory analysis at concentrations greater than their respective laboratory RLs.

The soil analytical results are summarized in the attached table and are presented in the attached laboratory analytical report.

4.2 Groundwater Laboratory Results Summary

The following summarizes the results of each analytical suite for the groundwater samples collected for laboratory analyses during this assessment:

- Arsenic, barium, chromium, lead, and selenium were detected in one or more groundwater samples collected for laboratory analysis at concentrations that are less than their respective TCEQ TRRP Tier 1 PCLs for groundwater.

No other metals were detected in the groundwater samples collected for laboratory analysis at concentrations greater than their respective laboratory RLs.

- No VOC constituents were detected in the groundwater samples collected for laboratory analysis at concentrations greater than their respective laboratory RLs.
- No TPH ranges were detected in the groundwater samples collected for laboratory analysis at concentrations greater than their respective laboratory RLs.

The groundwater analytical results are summarized in the attached table and are presented in the attached laboratory analytical report.

5.0 Conclusions and Opinions

The following conclusions are based on laboratory analytical results and field screening observations associated with this assessment:

- No indication of a reportable release to soil or groundwater from petroleum products or hazardous substances was identified in the areas evaluated under this assessment. **All detected concentrations of the contaminants of concern in the soil and groundwater are less than the regulatory action levels for unrestricted / residential site use.** The soil to groundwater pathway is not relevant since the subject property is part of the Pine Street Corridor Municipal Setting Designation (MSD) site, which placed a use restriction on the groundwater at the property. Although all soil concentrations have been determined to be protective of groundwater, there is no potential for exposure to groundwater at the site based on the use restriction and there is no further concern associated with any soil impact.

Based on laboratory analytical results and field screening observations, the assessment does not demonstrate that a reportable release of hazardous substances or petroleum products has occurred at the subject property in connection with historical operations of environmental concern previously conducted at the subject property.

6.0 Recommendations

No further investigation appears to be warranted at this time based on results of soil and groundwater samples that were selected for laboratory analysis as well as from field screening observations noted at areas evaluated during this assessment.

7.0 Laboratory Report Review

A review of the laboratory analytical report for quality assurance/quality control indicators reveals that the soil and groundwater data are acceptable and usable for the purposes of this Phase II assessment. Some QC sample recoveries were outside of control limits due to matrix interference and some samples required dilution, but none of the reported results were affected. There were no contaminants detected in the blank samples. No anomalies were noted that would affect the outcome of the assessment.

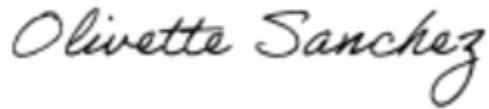
8.0 Summary of General Methodology

It is the opinion of Phase Engineering, LLC that the scope and character of the environmental report and services, and the investigation performed, were sufficient to justify the conclusions reached in light of the character of the property and the results of tests performed. Phase Engineering has used methodologies that conform to standards established by the EPA and appropriate state environmental protection agencies under similar budget and time constraints, good and customary practices, and laboratory standards for this kind of work. The soil and groundwater samples collected and analyzed as part of this limited assessment are indicative of only those areas sampled.

9.0 Signature(s)

The following individual(s) performed this assessment:

Prepared By:



Olivette Sanchez
Environmental Project Manager

Reviewed By:



Karly E. Allen, MSPH
Remediation Projects Director

10.0 Common Acronyms

AAI – All Appropriate Inquiry

ACBM – Asbestos Containing Building Material

AST – Aboveground Storage Tank

ASTM – American Society for Testing and Materials (2001)

AUL – Activity and Usage Limitation

BF – Brownfield

bgs – below ground surface

BTEX – Benzene, Toluene, Ethyl benzene and Xylenes

CDC – Certified Development Corporation

CERCLA – Comprehensive Environmental Response, Compensation and Liability Act

CERCLIS – Comprehensive Environmental Response, Compensation and Liability Information System

CERCLIS NFRAP – Comprehensive Environmental Response, Compensation and Liability Information System with No Further Remedial Action Planned

CLI – Closed Landfill Inventory

CORRACTS – Corrective Action (RCRA)

CREC – Controlled recognized environmental condition

EC – Engineering Control

EPA – Environmental Protection Agency

ERNS – Emergency Response Notification System

FOIA – Freedom of Information Act

GWBZ – Groundwater Bearing Zone

HH – Human Health

HREC – Historical recognized environmental condition

IC – Institutional Control

IHW – Industrial Hazardous Waste

IOP – Innocent Owner / Operator Program

LPST – Leaking Petroleum Storage Tank

MUD – Municipal Utility District

MSD – Municipal Settings Designation

MSL – Mean Sea Level

MTBE – Methyl tert butyl ether

NAPL – Non-aqueous Phase Liquids

NPL – National Priority List

NRCS – Natural Resource Conservation Service

OSHA – Occupational Safety and Health Administration

PAH – Polycyclic Aromatic Hydrocarbons

PCB – Polychlorinated Biphenyls

PCE – Perchloroethene (Tetrachloroethene)

PCL – Protective Concentration Level

PPM – Parts Per Million

PSH – Phase Separated Hydrocarbons

PUD – Public Utility District

RCRA – Resource Conservation and Recovery Act

REC – Recognized environmental condition

RRC – Texas Railroad Commission

SBA – Small Business Administration

SCL – State CERCLIS List

SPL – State Priority List

SVOC – Semi-Volatile Organic Compounds

SWLF – Solid Waste Landfill

TCEQ – Texas Commission on Environmental Quality

TDSHS – Texas Department of State Health Services

TNRCC – Texas Natural Resource Conservation Commission

TNRIS – Texas Natural Resource Information System

TPH – Total Petroleum Hydrocarbons

TRRP – Texas Risk Reduction Program

TSBC – Texas State Background Concentration

TSD – Treatment, Storage and Disposal (RCRA)

TWC – Texas Water Commission

TWDB – Texas Water Development Board

USACOE – United States Army Corps of Engineers

USDA – United States Department of Agriculture

UST – Underground Storage Tank

USGS – United States Geological Survey

VCP – Voluntary Cleanup Program

VEC – Vapor Encroachment Condition

VOC – Volatile Organic Compounds

WMU – Waste Management Unit

APPENDIX I

LABORATORY SUMMARY TABLE(S)

SOIL ANALYTICAL RESULTS SUMMARY
301 CYPRESS STREET ABILENE
PII ESA

ANALYTE	TRRP Tier 1 PCLs TO ₁₅ SOIL _{COMB} mg/kg	TRRP Tier 1 PCLs GW ₁₅ SOIL _{ING} mg/kg	TSBC GW ₁₅ SOIL _{ING} mg/kg	SB 1 5-8' 10/9/2025 mg/kg	SB 2 1-5' 10/9/2025 mg/kg	SB 2 13-15' 10/9/2025 mg/kg	SB 3 5-8' 10/9/2025 mg/kg	SB 4 3-5' 10/9/2025 mg/kg	SB 4 10-12' 10/9/2025 mg/kg	SB 5 1-5' 10/9/2025 mg/kg
RCRA Metals (EPA 6020, 7471)										
Arsenic	24	5	5.9	3.88	3.93	6.24	2.52	4.28	4.35	3.22
Barium	8100	440	300	33.1	119	233	27.6	129	155	318
Cadmium	52	1.5	N/A	<0.267	<0.310	<0.287	<0.263	<0.264	<0.275	<0.283
Chromium	33000	2400	30	17.3	11.3	23.1	25.2	10.9	8.55	6.47
Lead	500	3	15	5.34	6.07	10.3	7.77	7.96	5.79	4.73
Selenium	310	2.3	0.3	<0.472	<0.549	<0.507	<0.465	<0.468	<0.486	<0.500
Silver	97	0.48	N/A	<0.239	<0.278	<0.257	<0.235	<0.237	<0.246	<0.253
Mercury	3.6	2.1	0.04	<0.00966	0.0117	<0.0102	<0.00950	<0.00993	<0.00904	<0.00948
VOCs (EPA 8260)										
1,1,1 Trichloroethane	53000	1.6	N/A	<0.000803	<0.000929	<0.00108	<0.000923	<0.000978	<0.000754	<0.000899
1,1,2,2 Tetrachloroethane	30	0.023	N/A	<0.000283	<0.000328	<0.000379	<0.000326	<0.000345	<0.000266	<0.000317
1,1,2 Trichloro 1,2,2 trifluoroethane	74000	80000	N/A	<0.00134	<0.00155	<0.00179	<0.00154	<0.00163	<0.00126	<0.00150
1,1,2 Trichloroethane	18	0.02	N/A	<0.000803	<0.000929	<0.00108	<0.000923	<0.000978	<0.000754	<0.000899
1,1 Dichloroethane	11000	18	N/A	<0.000803	<0.000929	<0.00108	<0.000923	<0.000978	<0.000754	<0.000899
1,1 Dichloroethene	2300	0.05	N/A	<0.000460	<0.000533	<0.000617	<0.000529	<0.000561	<0.000433	<0.000515
1,2,4 Trichlorobenzene	120	4.8	N/A	<0.000808	<0.000935	<0.00108	<0.000929	<0.000984	<0.000759	<0.000904
1,2 Dibromo 3 chloropropane	0.15	0.0017	N/A	<0.00200	<0.00232	<0.00268	<0.00230	<0.00244	<0.00188	<0.00224
1,2 Dibromoethane	2.5	0.00021	N/A	<0.000803	<0.000929	<0.00108	<0.000923	<0.000978	<0.000754	<0.000899
1,2 Dichlorobenzene	720	18	N/A	<0.00117	<0.00135	<0.00156	<0.00134	<0.00142	<0.00110	<0.00131
1,2 Dichloroethane	41	0.014	N/A	<0.000803	<0.000929	<0.00108	<0.000923	<0.000978	<0.000754	<0.000899
1,2 Dichloropropane	61	0.023	N/A	<0.000803	<0.000929	<0.00108	<0.000923	<0.000978	<0.000754	<0.000899
1,3 Dichlorobenzene	120	6.7	N/A	<0.000803	<0.000929	<0.00108	<0.000923	<0.000978	<0.000754	<0.000899
1,4 Dichlorobenzene	250	2.1	N/A	<0.000803	<0.000929	<0.00108	<0.000923	<0.000978	<0.000754	<0.000899
2 Butanone	40000	29	N/A	<0.00415	<0.00481	<0.00556	<0.00478	<0.00506	<0.00390	<0.00465
2 Hexanone	270	0.32	N/A	<0.00609	<0.00705	<0.00816	<0.00701	<0.00742	<0.00572	<0.00682
4 Methyl 2 pentanone	5900	4.9	N/A	<0.00428	<0.00495	<0.00573	<0.00492	<0.00522	<0.00402	<0.00479
Acetone	66000	43	N/A	<0.00307	<0.0143	<0.0166	<0.0142	<0.0151	<0.0116	<0.0138
Benzene	120	0.026	N/A	<0.00307	<0.00355	<0.00411	<0.00353	<0.00374	<0.00289	<0.00344
Bromodichloromethane	98	0.36	N/A	<0.000803	<0.000929	<0.00108	<0.000923	<0.000978	<0.000754	<0.000899
Bromoform	400	0.44	N/A	<0.00178	<0.00205	<0.00238	<0.00204	<0.00216	<0.00167	<0.00199
Bromomethane	46	0.13	N/A	<0.000746	<0.000863	<0.000999	<0.000858	<0.000909	<0.000701	<0.000835
Carbon disulfide	4600	14	N/A	<0.000456	<0.000527	<0.000611	<0.000524	<0.000555	<0.000428	<0.000510
Carbon tetrachloride	35	0.062	N/A	<0.000803	<0.000929	<0.00108	<0.000923	<0.000978	<0.000754	<0.000899
Chlorobenzene	520	1.1	N/A	<0.000500	<0.000579	<0.000670	<0.000575	<0.000610	<0.000470	<0.000560
Chloroethane	27000	31	N/A	<0.00128	<0.00148	<0.00171	<0.00147	<0.00156	<0.00120	<0.00143
Chloroform	16	0.33	N/A	<0.000421	<0.000487	<0.000564	<0.000484	<0.000513	<0.000396	<0.000471
Chloromethane	140	0.41	N/A	<0.000753	<0.000871	<0.00101	<0.000866	<0.000917	<0.000708	<0.000843
cis 1,2 Dichloroethene	140	0.25	N/A	<0.000803	<0.000929	<0.00108	<0.000923	<0.000978	<0.000754	<0.000899
cis 1,3 Dichloropropene	8	0.0066	N/A	<0.000803	<0.000929	<0.00108	<0.000923	<0.000978	<0.000754	<0.000899
Cyclohexane	75000	5900	N/A	<0.00145	<0.00167	<0.00194	<0.00166	<0.00176	<0.00136	<0.00162
Dibromochloromethane	72	0.36	N/A	<0.00136	<0.00158	<0.00183	<0.00157	<0.00166	<0.00128	<0.00153
Dichlorodifluoromethane	1400	240	N/A	<0.00154	<0.00178	<0.00206	<0.00177	<0.00187	<0.00144	<0.00172
Ethylbenzene	6400	7.6	N/A	<0.000244	<0.000283	<0.000327	<0.000281	<0.000298	<0.000230	<0.000274
Isopropylbenzene	4300	350	N/A	<0.000803	<0.000929	<0.00108	<0.000923	<0.000978	<0.000754	<0.000899
m,p Xylene	8900	110	N/A	<0.000348	<0.000402	<0.000465	<0.000400	<0.000423	<0.000327	<0.000389
Methyl acetate	82000	49	N/A	<0.00260	<0.00301	<0.00348	<0.00299	<0.00317	<0.00244	<0.00291
Methyl tert butyl ether	800	0.62	N/A	<0.000803	<0.000929	<0.00108	<0.000923	<0.000978	<0.000754	<0.000899
Methylcyclohexane	41000	16000	N/A	<0.00120	<0.00139	<0.00160	<0.00138	<0.00146	<0.00113	<0.00134
Methylene chloride	1600	0.013	N/A	<0.00676	<0.00782	<0.00905	<0.00777	<0.00824	<0.00635	<0.00757
o Xylene	48000	71	N/A	<0.000254	<0.000294	<0.000340	<0.000292	<0.000309	<0.000238	<0.000284
Styrene	6700	3.3	N/A	<0.000803	<0.000929	<0.00108	<0.000923	<0.000978	<0.000754	<0.000899
Tetrachloroethene	710	0.05	N/A	<0.000803	<0.000929	<0.00108	<0.000923	<0.000978	<0.000754	<0.000899
Toluene	5900	8.2	N/A	<0.000803	<0.00113	<0.00130	<0.00112	<0.00118	<0.000914	<0.00109
trans 1,2 Dichloroethene	590	0.49	N/A	<0.000803	<0.000929	<0.00108	<0.000923	<0.000978	<0.000754	<0.000899
trans 1,3 Dichloropropene	36	0.036	N/A	<0.00134	<0.00155	<0.00179	<0.00154	<0.00163	<0.00126	<0.00150
Trichloroethene	18	0.034	N/A	<0.000803	<0.000929	<0.00108	<0.000923	<0.000978	<0.000754	<0.000899
Trichlorofluoromethane	25000	130	N/A	<0.00143	<0.00166	<0.00192	<0.00165	<0.00174	<0.00135	<0.00160
Vinyl chloride	3.7	0.022	N/A	<0.000501	<0.000579	<0.000670	<0.000576	<0.000610	<0.000470	<0.000560
Xylenes, Total	6000	120	N/A	<0.000348	<0.000402	<0.000465	<0.000400	<0.000423	<0.000327	<0.000389
TPH (TX 1005)										
>nC12 to nC28	2300	200	N/A	<23.9	<23.3	66.3	<27.2	45.5	<26.3	<27.5
>nC28 to nC35	2300	200	N/A	<23.9	<23.3	<27.0	<27.2	<28.9	<26.3	<27.5
nC6 to nC12	1600	65	N/A	<23.9	<23.3	<27.0	<27.2	<28.9	<26.3	<27.5
pH (EPA 9045)										
pH	N/A	N/A	N/A	8.9	8.7	7.9	8.4	8.9	8.8	8.8
Exceeds TSBC										
Less than TRRP Tier 1 PCL and/or TSBC (where applicable)										

GROUNDWATER ANALYTICAL RESULTS SUMMARY
301 CYPRESS STREET ABILENE
PII ESA

ANALYTE	TRRP Tier 1 PCLs GW _{ING} mg/L	TMW-1 10/9/2025 mg/L	TMW-3 10/9/2025 mg/L	TMW-5 10/9/2025 mg/L
RCRA 8 Metals (EPA 6020, 7470)				
Arsenic	0.01	0.00177	0.00152	0.00264
Barium	2	0.0441	0.0698	0.0344
Cadmium	0.005	<0.000240	<0.000240	<0.000240
Chromium	0.1	0.00321	0.00460	<0.000560
Lead	0.015	<0.000367	<0.000367	0.000422
Selenium	0.05	0.00181	0.00672	<0.000590
Silver	0.12	<0.000390	<0.000390	<0.000390
Mercury	0.002	<0.0000706	<0.0000706	<0.0000706
VOCs (EPA 8260)				
1,1,1 Trichloroethane	0.2	<0.000585	<0.000585	<0.000585
1,1,2,2 Tetrachloroethane	0.0046	<0.000470	<0.000470	<0.000470
1,1,2 Trichloro 1,2,2 trifluoroethane	730	<0.00111	<0.00111	<0.00111
1,1,2 Trichloroethane	0.005	<0.000411	<0.000411	<0.000411
1,1 Dichloroethane	4.9	<0.000635	<0.000635	<0.000635
1,1 Dichloroethene	0.007	<0.000738	<0.000738	<0.000738
1,2,4 Trichlorobenzene	0.07	<0.00175	<0.00175	<0.00175
1,2 Dibromo 3 chloropropane	0.0002	<0.000671	<0.000671	<0.000671
1,2 Dibromoethane	0.00005	<0.000999	<0.000999	<0.000999
1,2 Dichlorobenzene	0.6	<0.000429	<0.000429	<0.000429
1,2 Dichloroethane	0.005	<0.000372	<0.000372	<0.000372
1,2 Dichloropropane	0.005	<0.000556	<0.000556	<0.000556
1,3 Dichlorobenzene	0.73	<0.000413	<0.000413	<0.000413
1,4 Dichlorobenzene	0.075	<0.000449	<0.000449	<0.000449
2 Butanone	15	<0.00828	<0.00828	<0.00828
2 Hexanone	1.2	<0.00500	<0.00500	<0.00500
4 Methyl 2 pentanone	2	<0.00500	<0.00500	<0.00500
Acetone	22	<0.00307	<0.00307	<0.00307
Benzene	0.005	<0.000460	<0.000460	<0.000460
Bromodichloromethane	0.08	<0.000552	<0.000552	<0.000552
Bromoform	0.08	<0.000633	<0.000633	<0.000633
Bromomethane	0.034	<0.00142	<0.00142	<0.00142
Carbon disulfide	2.4	<0.00165	<0.00165	<0.00165
Carbon tetrachloride	0.005	<0.000896	<0.000896	<0.000896
Chlorobenzene	0.1	<0.000455	<0.000455	<0.000455
Chloroethane	9.8	<0.00198	<0.00198	<0.00198
Chloroform	0.08	<0.000464	<0.000464	<0.000464
Chloromethane	0.07	<0.00204	<0.00204	<0.00204
cis 1,2 Dichloroethene	0.07	<0.000457	<0.000457	<0.000457
cis 1,3 Dichloropropene	0.0017	<0.00107	<0.00107	<0.00107
Cyclohexane	120	<0.00129	<0.00129	<0.00129
Dibromochloromethane	0.08	<0.000547	<0.000547	<0.000547
Dichlorodifluoromethane	4.9	<0.000785	<0.000785	<0.000785
Ethylbenzene	0.7	<0.000385	<0.000385	<0.000385
Isopropylbenzene	2.4	<0.000592	<0.000592	<0.000592
m,p Xylene	10	<0.00124	<0.00124	<0.00124
Methyl acetate	24	<0.00401	<0.00401	<0.00401
Methyl tert butyl ether	0.24	<0.00139	<0.00139	<0.00139
Methylcyclohexane	120	<0.000608	<0.000608	<0.000608
Methylene chloride	0.005	<0.00173	<0.00173	<0.00173
o Xylene	10	<0.000502	<0.000502	<0.000502
Styrene	0.1	<0.000619	<0.000619	<0.000619
Tetrachloroethene	0.005	<0.000655	<0.000655	<0.000655
Toluene	1	<0.000475	<0.000475	<0.000475
trans 1,2 Dichloroethene	0.1	<0.000368	<0.000368	<0.000368
trans 1,3 Dichloropropene	0.0091	<0.00127	<0.00127	<0.00127
Trichloroethene	0.005	<0.00150	<0.00150	<0.00150
Trichlorofluoromethane	7.3	<0.000560	<0.000560	<0.000560
Vinyl chloride	0.002	<0.000428	<0.000428	<0.000428
Xylenes, Total	10	<0.00124	<0.00124	<0.00124
TPH (TX 1005)				
>nC12 to nC28	0.98	<0.817	<0.830	<0.825
>nC28 to nC35	0.98	<0.817	<0.830	<0.825
nC6 to nC12	0.98	<0.838	<0.851	<0.846

Less than TRRP Tier 1 PCL

APPENDIX II

MAP(S)



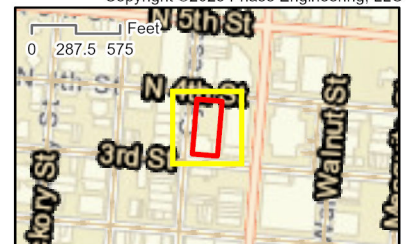
Sources: Esri, HERE, Garmin, (c) OpenStreetMap contributors

0 15 30 60 90 120 Feet
1:700

Sample Location Map - October 9, 2025

- Subject Property
- Area of Interest
- ◆ Soil Boring / Temporary Monitoring Well
- Soil Boring
- Gasoline Tank

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Phase Project No: 202510014

APPENDIX III

SOIL BORING LOGS

CLIENT Overland Property Group

PROJECT NAME

PROJECT NUMBER 202510014

PROJECT LOCATION 301 Cypress Street

DATE STARTED 10/9/25

COMPLETED 10/9/25

GROUND ELEVATION

HOLE SIZE 2 inches

DRILLING CONTRACTOR Pacific West

GROUND WATER LEVELS:

DRILLING METHOD Push Core

 AT TIME OF DRILLING 13.00 ft

LOGGED BY Jaymi Reser

CHECKED BY Ross Doctoroff

AT END OF DRILLING ---

NOTES

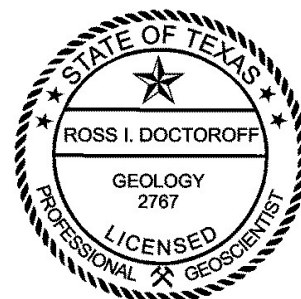
▼ AFTER DRILLING 12.10 ft

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0						
					Concrete	
			PID = 0		(CL-ML) Brown silty clay; hard; dry; no odor	
5	ST					1" solid PVC riser
			PID = 0.1		(SC) Red clayey sand with gravel; loose; dry; no odor	
			PID = 0.1			
10			PID = 0.2			
					13.0	
			PID = 0.2		(SC) Red clayey sand with gravel; medium dense; moist; no odor	
15					15.0	1" 0.010 gauge slotted PVC
			PID = 0		(CL-ML) Tan and grey silty clay; hard; dry; no odor	
			PID = 0.1			
20					20.0	

Refusal at 20.0 feet.
Bottom of borehole at 20.0 feet.

Los Doctores

10/14/2025



ENVIRONMENTAL BH - GINT STD US LAB.GDT - 10/14/25 10:54 - S:\REMEDIATION_PROJECTS\SOIL BORINGS\BORING LOGS\TEMPORARY WELLS\301 CYPRESS STREET.GPJ



Phase Engineering
5524 Cornish Street
Houston TX 77007
Telephone: 7134769844

BORING NUMBER SB-2

PAGE 1 OF 1

CLIENT Overland Property Group

PROJECT NAME _____

PROJECT NUMBER 202510014

PROJECT LOCATION 301 Cypress Street

DATE STARTED 10/9/25

COMPLETED 10/9/25

GROUND ELEVATION _____

HOLE SIZE 2 inches

DRILLING CONTRACTOR Pacific West

GROUND WATER LEVELS:

DRILLING METHOD Push Core

AT TIME OF DRILLING ---

LOGGED BY Jaymi Reser

CHECKED BY Ross Doctoroff

AT END OF DRILLING ---

NOTES _____

AFTER DRILLING ---

ENVIRONMENTAL BH - GINT STD US LAB.GDT - 10/14/25 10:54 - S:\REMEDIATION_PROJECTS\SOIL BORINGS\BORING LOGS\TEMPORARY WELLS\301 CYPRESS STREET.GPJ

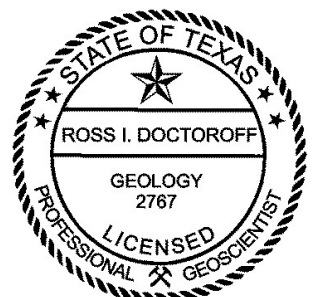
DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0						
0.5					Concrete	
	ST		PID = 0		(CL-ML) Red-brown silty clay with gravel; hard; dry; no odor	
5			PID = 0		(CL) Red and tan sandy clay with gravel; very stiff; dry; no odor	
			PID = 0.1			
10			PID = 0.1		(CL) Red and brown sandy clay; medium stiff; moist; dry; no odor	
	ST		PID = 0.3		(CL-ML) Tan and grey silty clay; hard; dry; no odor	
15						

← No well installed

Bottom of borehole at 15.0 feet.

Ross Doctoroff

10/14/2025





Phase Engineering
5524 Cornish Street
Houston TX 77007
Telephone: 7134769844

BORING NUMBER SB-3 / TMW-3

PAGE 1 OF 1

CLIENT Overland Property Group

PROJECT NAME _____

PROJECT NUMBER 202510014

PROJECT LOCATION 301 Cypress Street

DATE STARTED 10/9/25

COMPLETED 10/9/25

GROUND ELEVATION _____

HOLE SIZE 2 inches

DRILLING CONTRACTOR Pacific West

GROUND WATER LEVELS:

DRILLING METHOD Push Core

▽ AT TIME OF DRILLING 13.00 ft

LOGGED BY Jaymi Reser

CHECKED BY Ross Doctoroff

AT END OF DRILLING ---

NOTES _____

▽ AFTER DRILLING 12.30 ft

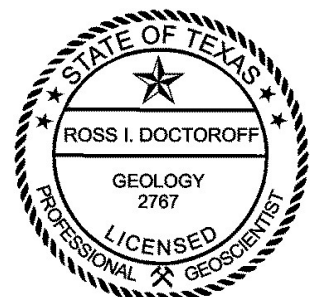
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DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0						
					0.5 Concrete	
			PID = 0.2		(CL-ML) Brown silty clay; hard; dry; no odor	
					3.5	
			PID = 0		(CL) Red and tan sandy clay with gravel; stiff; dry; no odor	
5	ST		PID = 0			1" solid PVC riser
			PID = 0.1			
10			PID = 0.1			
					▽ 13.0 ▽	
					(SC) Red clayey sand with gravel; dense; wet; no odor	
15					15.0	
			PID = 0.2		(CL-ML) Tan and grey silty clay; hard; dry; no odor	1" 0.010 gauge slotted PVC
20			PID = 0.2		20.0	

Refusal at 20.0 feet.
Bottom of borehole at 20.0 feet.

Ross Doctoroff

10/14/2025



CLIENT Overland Property Group

PROJECT NAME

PROJECT NUMBER 202510014

PROJECT LOCATION 301 Cypress Street

DATE STARTED 10/9/25

COMPLETED 10/9/25

GROUND ELEVATION

HOLE SIZE 2 inches

DRILLING CONTRACTOR Pacific West

GROUND WATER LEVELS:

DRILLING METHOD Push Core

AT TIME OF DRILLING ---

LOGGED BY Jaymi Reser

CHECKED BY Ross Doctoroff

AT END OF DRILLING ---

NOTES

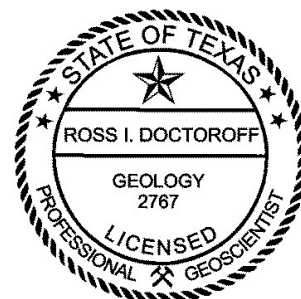
AFTER DRILLING ---

[illegible]

Refusal at 12.0 feet.
Bottom of borehole at 12.0 feet.

Los Doctores

10/14/2025



ENVIRONMENTAL BH - GINT STD US LAB.GDT - 10/14/25 10:54 - S:\REMEDIATION PROJECTS\SOIL BORINGS\BORING LOGS\TEMPORARY WELLS\301 CYPRESS STREET.GPJ



Phase Engineering
5524 Cornish Street
Houston TX 77007
Telephone: 7134769844

BORING NUMBER SB-5 / TMW-5

PAGE 1 OF 1

CLIENT Overland Property Group

PROJECT NAME _____

PROJECT NUMBER 202510014

PROJECT LOCATION 301 Cypress Street

DATE STARTED 10/9/25

COMPLETED 10/9/25

GROUND ELEVATION _____

HOLE SIZE 2 inches

DRILLING CONTRACTOR Pacific West

GROUND WATER LEVELS:

DRILLING METHOD Push Core

▽ AT TIME OF DRILLING 5.00 ft

LOGGED BY Jaymi Reser

CHECKED BY Ross Doctoroff

AT END OF DRILLING ---

NOTES _____

▽ AFTER DRILLING 8.20 ft

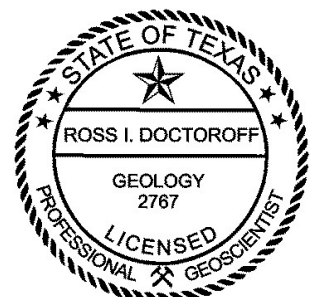
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DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0						
5	ST		PID = 0.7		0.5 Concrete (CL-ML) Red-brown silty clay; medium stiff; dry; no odor 5.0 (SC) Red clayey sand; medium dense; moist; no odor 10.0 (GP) Grey, tan, and red sandy gravel; dense; wet; slight hydrocarbon odor 12.0	1" solid PVC riser 1" 0.010 gauge slotted PVC

Refusal at 12.0 feet.
Bottom of borehole at 12.0 feet.

Ross Doctoroff

10/14/2025



APPENDIX IV

LABORATORY REPORT(S)

ANALYTICAL REPORT

PREPARED FOR

Attn: Jaymi Reser
Phase Engineering Inc.
300 East Sonterra Boulevard, Suite 1140
San Antonio, Texas 78258

Generated 10/23/2025 9:19:02 AM Revision 1

JOB DESCRIPTION

PE # 202510014, Abilene, TX

JOB NUMBER

860-113841-1

Eurofins Houston

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Authorized for release by
Sylvia Garza, Project Manager
Sylvia.Garza@et.eurofinsus.com
(832)544-2004

Generated
10/23/2025 9:19:02 AM
Revision 1

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Definitions/Glossary

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points

Eurofins Houston

Definitions/Glossary

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Glossary (Continued)

Abbreviation **These commonly used abbreviations may or may not be present in this report.**

TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Case Narrative

Client: Phase Engineering Inc.
Project: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Job ID: 860-113841-1

Eurofins Houston

Job Narrative 860-113841-1

REVISION

The report being provided is a revision of the original report sent on 10/17/2025. The report (revision 1) is being revised due to including additional volatile cmpds per client request.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 10/10/2025 9:19 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.1°C.

GC/MS VOA

Method 8260D: The following samples were diluted due to it being a thread: (860-113834-A-3-B) and (860-113834-A-3-B MS). Elevated reporting limits (RL) are provided. Sample prepped with methanol from a bulk jar.

Method 8260D: The matrix spike (MS) recoveries for preparation batch 860-268469 and analytical batch 860-268311 were outside control limits. Sample matrix interference is suspected.

Method 8260D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 860-268311 recovered outside control limits for the following analytes: Bromomethane.

Method 8260D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 860-268311 recovered outside control limits for the following analytes: Acetone.

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-268311 recovered outside acceptance criteria, low biased, for Carbon disulfide (-31%). A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Hydrocarbons

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

Method 6020B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-268360 and analytical batch 860-268778 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Houston

Detection Summary

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-1 5-8'

Lab Sample ID: 860-113841-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.88		2.00	0.515	mg/Kg	5	✱	6020B	Total/NA
Barium	33.1		2.00	0.685	mg/Kg	5	✱	6020B	Total/NA
Chromium	17.3		2.00	0.270	mg/Kg	5	✱	6020B	Total/NA
Lead	5.34		0.999	0.317	mg/Kg	5	✱	6020B	Total/NA
pH	8.9	HF			SU	1		9045D	Soluble
Temperature	21.1	HF			Deg. C	1		9045D	Soluble
Corrosivity	8.9	HF			SU	1		9045D	Soluble

Client Sample ID: SB-2 1-5'

Lab Sample ID: 860-113841-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.93		2.32	0.598	mg/Kg	5	✱	6020B	Total/NA
Barium	119		2.32	0.795	mg/Kg	5	✱	6020B	Total/NA
Chromium	11.3		2.32	0.314	mg/Kg	5	✱	6020B	Total/NA
Lead	6.07		1.16	0.368	mg/Kg	5	✱	6020B	Total/NA
Mercury	0.0117	J	0.0242	0.0108	mg/Kg	1	✱	7471A	Total/NA
pH	8.7	HF			SU	1		9045D	Soluble
Temperature	21.2	HF			Deg. C	1		9045D	Soluble
Corrosivity	8.7	HF			SU	1		9045D	Soluble

Client Sample ID: SB-2 13-15'

Lab Sample ID: 860-113841-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Over C12-C28	66.3		54.0	27.0	mg/Kg	1	✱	TX 1005	Total/NA
Total Petroleum Hydrocarbons (C6-C35)	66.3		54.0	27.0	mg/Kg	1		TX 1005	Total/NA
Arsenic	6.24		2.15	0.553	mg/Kg	5	✱	6020B	Total/NA
Barium	233		2.15	0.735	mg/Kg	5	✱	6020B	Total/NA
Chromium	23.1		2.15	0.290	mg/Kg	5	✱	6020B	Total/NA
Lead	10.3		1.07	0.340	mg/Kg	5	✱	6020B	Total/NA
pH	7.9	HF			SU	1		9045D	Soluble
Temperature	21.2	HF			Deg. C	1		9045D	Soluble
Corrosivity	7.9	HF			SU	1		9045D	Soluble

Client Sample ID: SB-3 5-8'

Lab Sample ID: 860-113841-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.52		1.97	0.506	mg/Kg	5	✱	6020B	Total/NA
Barium	27.6		1.97	0.674	mg/Kg	5	✱	6020B	Total/NA
Chromium	25.2		1.97	0.265	mg/Kg	5	✱	6020B	Total/NA
Lead	7.77		0.983	0.312	mg/Kg	5	✱	6020B	Total/NA
pH	8.4	HF			SU	1		9045D	Soluble
Temperature	21.3	HF			Deg. C	1		9045D	Soluble
Corrosivity	8.4	HF			SU	1		9045D	Soluble

Client Sample ID: SB-4 3-5'

Lab Sample ID: 860-113841-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Over C12-C28	45.5	J	57.7	28.9	mg/Kg	1	✱	TX 1005	Total/NA
Total Petroleum Hydrocarbons (C6-C35)	45.5	J	57.7	28.9	mg/Kg	1		TX 1005	Total/NA
Arsenic	4.28		1.98	0.510	mg/Kg	5	✱	6020B	Total/NA
Barium	129		1.98	0.678	mg/Kg	5	✱	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-4 3-5' (Continued)

Lab Sample ID: 860-113841-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	10.9		1.98	0.267	mg/Kg	5	✱	6020B	Total/NA
Lead	7.96		0.990	0.314	mg/Kg	5	✱	6020B	Total/NA
pH	8.9	HF			SU	1		9045D	Soluble
Temperature	21.2	HF			Deg. C	1		9045D	Soluble
Corrosivity	8.9	HF			SU	1		9045D	Soluble

Client Sample ID: SB-4 10-12'

Lab Sample ID: 860-113841-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.35		2.06	0.530	mg/Kg	5	✱	6020B	Total/NA
Barium	155		2.06	0.704	mg/Kg	5	✱	6020B	Total/NA
Chromium	8.55		2.06	0.278	mg/Kg	5	✱	6020B	Total/NA
Lead	5.79		1.03	0.326	mg/Kg	5	✱	6020B	Total/NA
pH	8.8	HF			SU	1		9045D	Soluble
Temperature	21.2	HF			Deg. C	1		9045D	Soluble
Corrosivity	8.8	HF			SU	1		9045D	Soluble

Client Sample ID: SB-5 1-5'

Lab Sample ID: 860-113841-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.22		2.12	0.545	mg/Kg	5	✱	6020B	Total/NA
Barium	318		2.12	0.726	mg/Kg	5	✱	6020B	Total/NA
Chromium	6.47		2.12	0.286	mg/Kg	5	✱	6020B	Total/NA
Lead	4.73		1.06	0.336	mg/Kg	5	✱	6020B	Total/NA
pH	8.8	HF			SU	1		9045D	Soluble
Temperature	21.3	HF			Deg. C	1		9045D	Soluble
Corrosivity	8.8	HF			SU	1		9045D	Soluble

Client Sample ID: TMW-1

Lab Sample ID: 860-113841-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00177	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0441		0.00400	0.00134	mg/L	1		6020B	Total/NA
Chromium	0.00321	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Selenium	0.00181	J	0.00200	0.000590	mg/L	1		6020B	Total/NA

Client Sample ID: TMW-3

Lab Sample ID: 860-113841-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00152	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0698		0.00400	0.00134	mg/L	1		6020B	Total/NA
Chromium	0.00460		0.00400	0.000560	mg/L	1		6020B	Total/NA
Selenium	0.00672		0.00200	0.000590	mg/L	1		6020B	Total/NA

Client Sample ID: TMW-5

Lab Sample ID: 860-113841-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00264	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0344		0.00400	0.00134	mg/L	1		6020B	Total/NA
Lead	0.000422	J	0.00200	0.000367	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-1 5-8'

Lab Sample ID: 860-113841-1

Date Collected: 10/09/25 08:00

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 92.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000307	U	0.000803	0.000307	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Bromobenzene	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Bromochloromethane	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Bromodichloromethane	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Bromoform	<0.00178	U	0.00401	0.00178	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Bromomethane	<0.000746	U *1	0.00401	0.000746	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
2-Butanone	<0.00415	U	0.0401	0.00415	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Carbon tetrachloride	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Chlorobenzene	<0.000500	U	0.00401	0.000500	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Chloroethane	<0.00128	U	0.00803	0.00128	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Chloroform	<0.000421	U	0.00401	0.000421	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Chloromethane	<0.000753	U	0.00401	0.000753	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
4-Chlorotoluene	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
cis-1,2-Dichloroethene	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
cis-1,3-Dichloropropene	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Dibromochloromethane	<0.00136	U	0.00401	0.00136	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
1,2-Dibromo-3-Chloropropane	<0.00200	U	0.00401	0.00200	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
1,2-Dibromoethane	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
1,2-Dichlorobenzene	<0.00117	U	0.00401	0.00117	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
1,3-Dichlorobenzene	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
1,4-Dichlorobenzene	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Dichlorodifluoromethane	<0.00154	U	0.00401	0.00154	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
1,1-Dichloroethane	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
1,2-Dichloroethane	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
1,1-Dichloroethene	<0.000460	U	0.00401	0.000460	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
1,2-Dichloropropane	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
1,3-Dichloropropane	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
2,2-Dichloropropane	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
1,1-Dichloropropene	<0.000413	U	0.00401	0.000413	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Ethylbenzene	<0.000244	U	0.000803	0.000244	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Hexachlorobutadiene	<0.000558	U	0.00401	0.000558	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Isopropylbenzene	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Methylene Chloride	<0.00676	U	0.0161	0.00676	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
m,p-Xylenes	<0.000348	U	0.00161	0.000348	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
MTBE	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Naphthalene	<0.00161	U	0.00803	0.00161	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
n-Butylbenzene	<0.000441	U	0.00401	0.000441	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
N-Propylbenzene	<0.000796	U	0.00401	0.000796	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
o-Xylene	<0.000254	U	0.000803	0.000254	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
p-Cymene (p-Isopropyltoluene)	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
sec-Butylbenzene	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Styrene	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
tert-Butylbenzene	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
1,1,1,2-Tetrachloroethane	<0.000471	U	0.00401	0.000471	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
1,1,2,2-Tetrachloroethane	<0.000283	U	0.00401	0.000283	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Tetrachloroethene	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Toluene	<0.000972	U	0.00401	0.000972	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
trans-1,2-Dichloroethene	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
trans-1,3-Dichloropropene	<0.00134	U	0.00401	0.00134	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1

Eurofins Houston

Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-1 5-8'

Lab Sample ID: 860-113841-1

Date Collected: 10/09/25 08:00

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 92.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.00109	U	0.00401	0.00109	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
1,2,4-Trichlorobenzene	<0.000808	U	0.00401	0.000808	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
1,1,1-Trichloroethane	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
1,1,2-Trichloroethane	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Trichloroethene	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Trichlorofluoromethane	<0.00143	U	0.00401	0.00143	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
1,2,3-Trichloropropane	<0.000467	U	0.00401	0.000467	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
1,2,4-Trimethylbenzene	<0.00126	U	0.00401	0.00126	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
1,3,5-Trimethylbenzene	<0.000803	U	0.00401	0.000803	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Vinyl chloride	<0.000501	U	0.00401	0.000501	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Xylenes, Total	<0.000348	U	0.00161	0.000348	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Carbon disulfide	<0.000456	U	0.00401	0.000456	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Acetone	<0.0124	U *1	0.0803	0.0124	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Methyl acetate	<0.00260	U	0.0401	0.00260	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
4-Methyl-2-pentanone	<0.00428	U	0.0401	0.00428	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00134	U	0.00803	0.00134	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
2-Hexanone	<0.00609	U	0.0401	0.00609	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Methylcyclohexane	<0.00120	U	0.00803	0.00120	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1
Cyclohexane	<0.00145	U	0.00401	0.00145	mg/Kg	✱	10/10/25 11:33	10/14/25 12:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		56 - 150	10/10/25 11:33	10/14/25 12:54	1
4-Bromofluorobenzene (Surr)	91		68 - 152	10/10/25 11:33	10/14/25 12:54	1
Dibromofluoromethane (Surr)	105		53 - 142	10/10/25 11:33	10/14/25 12:54	1
Toluene-d8 (Surr)	98		70 - 130	10/10/25 11:33	10/14/25 12:54	1

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	<23.9	U	47.9	23.9	mg/Kg	✱	10/15/25 11:47	10/16/25 13:15	1
Over C12-C28	<23.9	U	47.9	23.9	mg/Kg	✱	10/15/25 11:47	10/16/25 13:15	1
Over C28-C35	<23.9	U	47.9	23.9	mg/Kg	✱	10/15/25 11:47	10/16/25 13:15	1
Total Petroleum Hydrocarbons (C6-C35)	<23.9	U	47.9	23.9	mg/Kg			10/16/25 13:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130	10/15/25 11:47	10/16/25 13:15	1
o-Terphenyl (Surr)	79		70 - 130	10/15/25 11:47	10/16/25 13:15	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.88		2.00	0.515	mg/Kg	✱	10/14/25 10:30	10/15/25 14:19	5
Barium	33.1		2.00	0.685	mg/Kg	✱	10/14/25 10:30	10/15/25 14:19	5
Cadmium	<0.267	U	0.999	0.267	mg/Kg	✱	10/14/25 10:30	10/15/25 14:19	5
Chromium	17.3		2.00	0.270	mg/Kg	✱	10/14/25 10:30	10/15/25 14:19	5
Lead	5.34		0.999	0.317	mg/Kg	✱	10/14/25 10:30	10/15/25 14:19	5
Selenium	<0.472	U	0.999	0.472	mg/Kg	✱	10/14/25 10:30	10/15/25 14:19	5
Silver	<0.239	U	0.999	0.239	mg/Kg	✱	10/14/25 10:30	10/15/25 14:19	5

Method: SW846 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00966	U	0.0216	0.00966	mg/Kg	✱	10/15/25 10:55	10/15/25 13:44	1

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Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-1 5-8'

Lab Sample ID: 860-113841-1

Date Collected: 10/09/25 08:00

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 92.7

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.9	HF			SU			10/14/25 13:10	1
Temperature (SW846 9045D)	21.1	HF			Deg. C			10/14/25 13:10	1
Corrosivity (SW846 9045D)	8.9	HF			SU			10/14/25 13:10	1

Client Sample ID: SB-2 1-5'

Lab Sample ID: 860-113841-2

Date Collected: 10/09/25 09:16

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 82.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000355	U	0.000929	0.000355	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Bromobenzene	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Bromochloromethane	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Bromodichloromethane	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Bromoform	<0.00205	U	0.00465	0.00205	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Bromomethane	<0.000863	U *1	0.00465	0.000863	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
2-Butanone	<0.00481	U	0.0465	0.00481	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Carbon tetrachloride	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Chlorobenzene	<0.000579	U	0.00465	0.000579	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Chloroethane	<0.00148	U	0.00929	0.00148	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Chloroform	<0.000487	U	0.00465	0.000487	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Chloromethane	<0.000871	U	0.00465	0.000871	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
4-Chlorotoluene	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
cis-1,2-Dichloroethene	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
cis-1,3-Dichloropropene	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Dibromochloromethane	<0.00158	U	0.00465	0.00158	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
1,2-Dibromo-3-Chloropropane	<0.00232	U	0.00465	0.00232	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
1,2-Dibromoethane	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
1,2-Dichlorobenzene	<0.00135	U	0.00465	0.00135	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
1,3-Dichlorobenzene	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
1,4-Dichlorobenzene	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Dichlorodifluoromethane	<0.00178	U	0.00465	0.00178	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
1,1-Dichloroethane	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
1,2-Dichloroethane	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
1,1-Dichloroethene	<0.000533	U	0.00465	0.000533	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
1,2-Dichloropropane	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
1,3-Dichloropropane	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
2,2-Dichloropropane	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
1,1-Dichloropropene	<0.000478	U	0.00465	0.000478	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Ethylbenzene	<0.000283	U	0.000929	0.000283	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Hexachlorobutadiene	<0.000646	U	0.00465	0.000646	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Isopropylbenzene	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Methylene Chloride	<0.00782	U	0.0186	0.00782	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
m,p-Xylenes	<0.000402	U	0.00186	0.000402	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
MTBE	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Naphthalene	<0.00186	U	0.00929	0.00186	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
n-Butylbenzene	<0.000511	U	0.00465	0.000511	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
N-Propylbenzene	<0.000921	U	0.00465	0.000921	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
o-Xylene	<0.000294	U	0.000929	0.000294	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
p-Cymene (p-Isopropyltoluene)	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1

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Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-2 1-5'

Lab Sample ID: 860-113841-2

Date Collected: 10/09/25 09:16

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 82.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Styrene	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
tert-Butylbenzene	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
1,1,1,2-Tetrachloroethane	<0.000544	U	0.00465	0.000544	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
1,1,2,2-Tetrachloroethane	<0.000328	U	0.00465	0.000328	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Tetrachloroethene	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Toluene	<0.00113	U	0.00465	0.00113	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
trans-1,2-Dichloroethene	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
trans-1,3-Dichloropropene	<0.00155	U	0.00465	0.00155	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
1,2,3-Trichlorobenzene	<0.00126	U	0.00465	0.00126	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
1,2,4-Trichlorobenzene	<0.000935	U	0.00465	0.000935	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
1,1,1-Trichloroethane	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
1,1,2-Trichloroethane	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Trichloroethene	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Trichlorofluoromethane	<0.00166	U	0.00465	0.00166	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
1,2,3-Trichloropropane	<0.000540	U	0.00465	0.000540	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
1,2,4-Trimethylbenzene	<0.00146	U	0.00465	0.00146	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
1,3,5-Trimethylbenzene	<0.000929	U	0.00465	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Vinyl chloride	<0.000579	U	0.00465	0.000579	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Xylenes, Total	<0.000402	U	0.00186	0.000402	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Carbon disulfide	<0.000527	U	0.00465	0.000527	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Acetone	<0.0143	U *1	0.0929	0.0143	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Methyl acetate	<0.00301	U	0.0465	0.00301	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
4-Methyl-2-pentanone	<0.00495	U	0.0465	0.00495	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00155	U	0.00929	0.00155	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
2-Hexanone	<0.00705	U	0.0465	0.00705	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Methylcyclohexane	<0.00139	U	0.00929	0.00139	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1
Cyclohexane	<0.00167	U	0.00465	0.00167	mg/Kg	☆	10/10/25 11:33	10/14/25 13:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		56 - 150	10/10/25 11:33	10/14/25 13:18	1
4-Bromofluorobenzene (Surr)	92		68 - 152	10/10/25 11:33	10/14/25 13:18	1
Dibromofluoromethane (Surr)	109		53 - 142	10/10/25 11:33	10/14/25 13:18	1
Toluene-d8 (Surr)	96		70 - 130	10/10/25 11:33	10/14/25 13:18	1

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	<23.3	U	46.6	23.3	mg/Kg	☆	10/15/25 11:47	10/15/25 16:12	1
Over C12-C28	<23.3	U	46.6	23.3	mg/Kg	☆	10/15/25 11:47	10/15/25 16:12	1
Over C28-C35	<23.3	U	46.6	23.3	mg/Kg	☆	10/15/25 11:47	10/15/25 16:12	1
Total Petroleum Hydrocarbons (C6-C35)	<23.3	U	46.6	23.3	mg/Kg			10/15/25 16:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130	10/15/25 11:47	10/15/25 16:12	1
o-Terphenyl (Surr)	98		70 - 130	10/15/25 11:47	10/15/25 16:12	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.93		2.32	0.598	mg/Kg	☆	10/14/25 10:30	10/15/25 14:22	5
Barium	119		2.32	0.795	mg/Kg	☆	10/14/25 10:30	10/15/25 14:22	5

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Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-2 1-5'

Lab Sample ID: 860-113841-2

Date Collected: 10/09/25 09:16

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 82.8

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.310	U	1.16	0.310	mg/Kg	☆	10/14/25 10:30	10/15/25 14:22	5
Chromium	11.3		2.32	0.314	mg/Kg	☆	10/14/25 10:30	10/15/25 14:22	5
Lead	6.07		1.16	0.368	mg/Kg	☆	10/14/25 10:30	10/15/25 14:22	5
Selenium	<0.549	U	1.16	0.549	mg/Kg	☆	10/14/25 10:30	10/15/25 14:22	5
Silver	<0.278	U	1.16	0.278	mg/Kg	☆	10/14/25 10:30	10/15/25 14:22	5

Method: SW846 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0117	J	0.0242	0.0108	mg/Kg	☆	10/15/25 10:55	10/15/25 13:46	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.7	HF			SU			10/14/25 13:09	1
Temperature (SW846 9045D)	21.2	HF			Deg. C			10/14/25 13:09	1
Corrosivity (SW846 9045D)	8.7	HF			SU			10/14/25 13:09	1

Client Sample ID: SB-2 13-15'

Lab Sample ID: 860-113841-3

Date Collected: 10/09/25 09:28

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 84.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000411	U	0.00108	0.000411	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
Bromobenzene	<0.00108	U	0.00538	0.00108	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
Bromochloromethane	<0.00108	U	0.00538	0.00108	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
Bromodichloromethane	<0.00108	U	0.00538	0.00108	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
Bromoform	<0.00238	U	0.00538	0.00238	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
Bromomethane	<0.000999	U *1	0.00538	0.000999	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
2-Butanone	<0.00556	U	0.0538	0.00556	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
Carbon tetrachloride	<0.00108	U	0.00538	0.00108	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
Chlorobenzene	<0.000670	U	0.00538	0.000670	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
Chloroethane	<0.00171	U	0.0108	0.00171	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
Chloroform	<0.000564	U	0.00538	0.000564	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
Chloromethane	<0.00101	U	0.00538	0.00101	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
4-Chlorotoluene	<0.00108	U	0.00538	0.00108	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
cis-1,2-Dichloroethene	<0.00108	U	0.00538	0.00108	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
cis-1,3-Dichloropropene	<0.00108	U	0.00538	0.00108	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
Dibromochloromethane	<0.00183	U	0.00538	0.00183	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
1,2-Dibromo-3-Chloropropane	<0.00268	U	0.00538	0.00268	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
1,2-Dibromoethane	<0.00108	U	0.00538	0.00108	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
1,2-Dichlorobenzene	<0.00156	U	0.00538	0.00156	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
1,3-Dichlorobenzene	<0.00108	U	0.00538	0.00108	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
1,4-Dichlorobenzene	<0.00108	U	0.00538	0.00108	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
Dichlorodifluoromethane	<0.00206	U	0.00538	0.00206	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
1,1-Dichloroethane	<0.00108	U	0.00538	0.00108	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
1,2-Dichloroethane	<0.00108	U	0.00538	0.00108	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
1,1-Dichloroethene	<0.000617	U	0.00538	0.000617	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
1,2-Dichloropropane	<0.00108	U	0.00538	0.00108	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
1,3-Dichloropropane	<0.00108	U	0.00538	0.00108	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1
2,2-Dichloropropane	<0.00108	U	0.00538	0.00108	mg/Kg	☆	10/10/25 11:33	10/14/25 13:42	1

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Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-2 13-15'

Lab Sample ID: 860-113841-3

Date Collected: 10/09/25 09:28

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 84.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<0.000553	U	0.00538	0.000553	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
Ethylbenzene	<0.000327	U	0.00108	0.000327	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
Hexachlorobutadiene	<0.000748	U	0.00538	0.000748	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
Isopropylbenzene	<0.00108	U	0.00538	0.00108	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
Methylene Chloride	<0.00905	U	0.0215	0.00905	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
m,p-Xylenes	<0.000465	U	0.00215	0.000465	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
MTBE	<0.00108	U	0.00538	0.00108	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
Naphthalene	<0.00215	U	0.0108	0.00215	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
n-Butylbenzene	<0.000591	U	0.00538	0.000591	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
N-Propylbenzene	<0.00107	U	0.00538	0.00107	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
o-Xylene	<0.000340	U	0.00108	0.000340	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
p-Cymene (p-Isopropyltoluene)	<0.00108	U	0.00538	0.00108	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
sec-Butylbenzene	<0.00108	U	0.00538	0.00108	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
Styrene	<0.00108	U	0.00538	0.00108	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
tert-Butylbenzene	<0.00108	U	0.00538	0.00108	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
1,1,1,2-Tetrachloroethane	<0.000630	U	0.00538	0.000630	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
1,1,2,2-Tetrachloroethane	<0.000379	U	0.00538	0.000379	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
Tetrachloroethene	<0.00108	U	0.00538	0.00108	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
Toluene	<0.00130	U	0.00538	0.00130	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
trans-1,2-Dichloroethene	<0.00108	U	0.00538	0.00108	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
trans-1,3-Dichloropropene	<0.00179	U	0.00538	0.00179	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
1,2,3-Trichlorobenzene	<0.00146	U	0.00538	0.00146	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
1,2,4-Trichlorobenzene	<0.00108	U	0.00538	0.00108	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
1,1,1-Trichloroethane	<0.00108	U	0.00538	0.00108	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
1,1,2-Trichloroethane	<0.00108	U	0.00538	0.00108	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
Trichloroethene	<0.00108	U	0.00538	0.00108	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
Trichlorofluoromethane	<0.00192	U	0.00538	0.00192	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
1,2,3-Trichloropropane	<0.000625	U	0.00538	0.000625	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
1,2,4-Trimethylbenzene	<0.00169	U	0.00538	0.00169	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
1,3,5-Trimethylbenzene	<0.00108	U	0.00538	0.00108	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
Vinyl chloride	<0.000670	U	0.00538	0.000670	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
Xylenes, Total	<0.000465	U	0.00215	0.000465	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
Carbon disulfide	<0.000611	U	0.00538	0.000611	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
Acetone	<0.0166	U *1	0.108	0.0166	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
Methyl acetate	<0.00348	U	0.0538	0.00348	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
4-Methyl-2-pentanone	<0.00573	U	0.0538	0.00573	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00179	U	0.0108	0.00179	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
2-Hexanone	<0.00816	U	0.0538	0.00816	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
Methylcyclohexane	<0.00160	U	0.0108	0.00160	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1
Cyclohexane	<0.00194	U	0.00538	0.00194	mg/Kg	✧	10/10/25 11:33	10/14/25 13:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		56 - 150	10/10/25 11:33	10/14/25 13:42	1
4-Bromofluorobenzene (Surr)	93		68 - 152	10/10/25 11:33	10/14/25 13:42	1
Dibromofluoromethane (Surr)	109		53 - 142	10/10/25 11:33	10/14/25 13:42	1
Toluene-d8 (Surr)	97		70 - 130	10/10/25 11:33	10/14/25 13:42	1

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	<27.0	U	54.0	27.0	mg/Kg	✧	10/15/25 11:47	10/16/25 13:32	1

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Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-2 13-15'

Lab Sample ID: 860-113841-3

Date Collected: 10/09/25 09:28

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 84.7

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Over C12-C28	66.3		54.0	27.0	mg/Kg	✱	10/15/25 11:47	10/16/25 13:32	1
Over C28-C35	<27.0	U	54.0	27.0	mg/Kg	✱	10/15/25 11:47	10/16/25 13:32	1
Total Petroleum Hydrocarbons (C6-C35)	66.3		54.0	27.0	mg/Kg			10/16/25 13:32	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130				10/15/25 11:47	10/16/25 13:32	1
o-Terphenyl (Surr)	79		70 - 130				10/15/25 11:47	10/16/25 13:32	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.24		2.15	0.553	mg/Kg	✱	10/14/25 10:30	10/15/25 14:25	5
Barium	233		2.15	0.735	mg/Kg	✱	10/14/25 10:30	10/15/25 14:25	5
Cadmium	<0.287	U	1.07	0.287	mg/Kg	✱	10/14/25 10:30	10/15/25 14:25	5
Chromium	23.1		2.15	0.290	mg/Kg	✱	10/14/25 10:30	10/15/25 14:25	5
Lead	10.3		1.07	0.340	mg/Kg	✱	10/14/25 10:30	10/15/25 14:25	5
Selenium	<0.507	U	1.07	0.507	mg/Kg	✱	10/14/25 10:30	10/15/25 14:25	5
Silver	<0.257	U	1.07	0.257	mg/Kg	✱	10/14/25 10:30	10/15/25 14:25	5

Method: SW846 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0102	U	0.0227	0.0102	mg/Kg	✱	10/15/25 10:55	10/15/25 13:47	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9	HF			SU			10/14/25 13:09	1
Temperature (SW846 9045D)	21.2	HF			Deg. C			10/14/25 13:09	1
Corrosivity (SW846 9045D)	7.9	HF			SU			10/14/25 13:09	1

Client Sample ID: SB-3 5-8'

Lab Sample ID: 860-113841-4

Date Collected: 10/09/25 10:00

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 94.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000353	U	0.000923	0.000353	mg/Kg	✱	10/10/25 11:33	10/14/25 14:06	1
Bromobenzene	<0.000923	U	0.00462	0.000923	mg/Kg	✱	10/10/25 11:33	10/14/25 14:06	1
Bromochloromethane	<0.000923	U	0.00462	0.000923	mg/Kg	✱	10/10/25 11:33	10/14/25 14:06	1
Bromodichloromethane	<0.000923	U	0.00462	0.000923	mg/Kg	✱	10/10/25 11:33	10/14/25 14:06	1
Bromoform	<0.00204	U	0.00462	0.00204	mg/Kg	✱	10/10/25 11:33	10/14/25 14:06	1
Bromomethane	<0.000858	U *1	0.00462	0.000858	mg/Kg	✱	10/10/25 11:33	10/14/25 14:06	1
2-Butanone	<0.00478	U	0.0462	0.00478	mg/Kg	✱	10/10/25 11:33	10/14/25 14:06	1
Carbon tetrachloride	<0.000923	U	0.00462	0.000923	mg/Kg	✱	10/10/25 11:33	10/14/25 14:06	1
Chlorobenzene	<0.000575	U	0.00462	0.000575	mg/Kg	✱	10/10/25 11:33	10/14/25 14:06	1
Chloroethane	<0.00147	U	0.00923	0.00147	mg/Kg	✱	10/10/25 11:33	10/14/25 14:06	1
Chloroform	<0.000484	U	0.00462	0.000484	mg/Kg	✱	10/10/25 11:33	10/14/25 14:06	1
Chloromethane	<0.000866	U	0.00462	0.000866	mg/Kg	✱	10/10/25 11:33	10/14/25 14:06	1
4-Chlorotoluene	<0.000923	U	0.00462	0.000923	mg/Kg	✱	10/10/25 11:33	10/14/25 14:06	1
cis-1,2-Dichloroethene	<0.000923	U	0.00462	0.000923	mg/Kg	✱	10/10/25 11:33	10/14/25 14:06	1
cis-1,3-Dichloropropene	<0.000923	U	0.00462	0.000923	mg/Kg	✱	10/10/25 11:33	10/14/25 14:06	1
Dibromochloromethane	<0.00157	U	0.00462	0.00157	mg/Kg	✱	10/10/25 11:33	10/14/25 14:06	1

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Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-3 5-8'

Lab Sample ID: 860-113841-4

Date Collected: 10/09/25 10:00

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 94.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<0.00230	U	0.00462	0.00230	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
1,2-Dibromoethane	<0.000923	U	0.00462	0.000923	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
1,2-Dichlorobenzene	<0.00134	U	0.00462	0.00134	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
1,3-Dichlorobenzene	<0.000923	U	0.00462	0.000923	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
1,4-Dichlorobenzene	<0.000923	U	0.00462	0.000923	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
Dichlorodifluoromethane	<0.00177	U	0.00462	0.00177	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
1,1-Dichloroethane	<0.000923	U	0.00462	0.000923	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
1,2-Dichloroethane	<0.000923	U	0.00462	0.000923	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
1,1-Dichloroethene	<0.000529	U	0.00462	0.000529	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
1,2-Dichloropropane	<0.000923	U	0.00462	0.000923	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
1,3-Dichloropropane	<0.000923	U	0.00462	0.000923	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
2,2-Dichloropropane	<0.000923	U	0.00462	0.000923	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
1,1-Dichloropropene	<0.000475	U	0.00462	0.000475	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
Ethylbenzene	<0.000281	U	0.000923	0.000281	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
Hexachlorobutadiene	<0.000642	U	0.00462	0.000642	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
Isopropylbenzene	<0.000923	U	0.00462	0.000923	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
Methylene Chloride	<0.00777	U	0.0185	0.00777	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
m,p-Xylenes	<0.000400	U	0.00185	0.000400	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
MTBE	<0.000923	U	0.00462	0.000923	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
Naphthalene	<0.00185	U	0.00923	0.00185	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
n-Butylbenzene	<0.000508	U	0.00462	0.000508	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
N-Propylbenzene	<0.000916	U	0.00462	0.000916	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
o-Xylene	<0.000292	U	0.000923	0.000292	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
p-Cymene (p-Isopropyltoluene)	<0.000923	U	0.00462	0.000923	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
sec-Butylbenzene	<0.000923	U	0.00462	0.000923	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
Styrene	<0.000923	U	0.00462	0.000923	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
tert-Butylbenzene	<0.000923	U	0.00462	0.000923	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
1,1,1,2-Tetrachloroethane	<0.000541	U	0.00462	0.000541	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
1,1,2,2-Tetrachloroethane	<0.000326	U	0.00462	0.000326	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
Tetrachloroethene	<0.000923	U	0.00462	0.000923	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
Toluene	<0.00112	U	0.00462	0.00112	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
trans-1,2-Dichloroethene	<0.000923	U	0.00462	0.000923	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
trans-1,3-Dichloropropene	<0.00154	U	0.00462	0.00154	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
1,2,3-Trichlorobenzene	<0.00125	U	0.00462	0.00125	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
1,2,4-Trichlorobenzene	<0.000929	U	0.00462	0.000929	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
1,1,1-Trichloroethane	<0.000923	U	0.00462	0.000923	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
1,1,2-Trichloroethane	<0.000923	U	0.00462	0.000923	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
Trichloroethene	<0.000923	U	0.00462	0.000923	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
Trichlorofluoromethane	<0.00165	U	0.00462	0.00165	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
1,2,3-Trichloropropane	<0.000537	U	0.00462	0.000537	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
1,2,4-Trimethylbenzene	<0.00145	U	0.00462	0.00145	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
1,3,5-Trimethylbenzene	<0.000923	U	0.00462	0.000923	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
Vinyl chloride	<0.000576	U	0.00462	0.000576	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
Xylenes, Total	<0.000400	U	0.00185	0.000400	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
Carbon disulfide	<0.000524	U	0.00462	0.000524	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
Acetone	<0.0142	U *1	0.0923	0.0142	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
Methyl acetate	<0.00299	U	0.0462	0.00299	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
4-Methyl-2-pentanone	<0.00492	U	0.0462	0.00492	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00154	U	0.00923	0.00154	mg/Kg	☆	10/10/25 11:33	10/14/25 14:06	1

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Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-3 5-8'

Lab Sample ID: 860-113841-4

Date Collected: 10/09/25 10:00

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 94.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	<0.00701	U	0.0462	0.00701	mg/Kg	✱	10/10/25 11:33	10/14/25 14:06	1
Methylcyclohexane	<0.00138	U	0.00923	0.00138	mg/Kg	✱	10/10/25 11:33	10/14/25 14:06	1
Cyclohexane	<0.00166	U	0.00462	0.00166	mg/Kg	✱	10/10/25 11:33	10/14/25 14:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		56 - 150				10/10/25 11:33	10/14/25 14:06	1
4-Bromofluorobenzene (Surr)	92		68 - 152				10/10/25 11:33	10/14/25 14:06	1
Dibromofluoromethane (Surr)	108		53 - 142				10/10/25 11:33	10/14/25 14:06	1
Toluene-d8 (Surr)	97		70 - 130				10/10/25 11:33	10/14/25 14:06	1

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	<27.2	U	54.4	27.2	mg/Kg	✱	10/15/25 11:47	10/15/25 16:42	1
Over C12-C28	<27.2	U	54.4	27.2	mg/Kg	✱	10/15/25 11:47	10/15/25 16:42	1
Over C28-C35	<27.2	U	54.4	27.2	mg/Kg	✱	10/15/25 11:47	10/15/25 16:42	1
Total Petroleum Hydrocarbons (C6-C35)	<27.2	U	54.4	27.2	mg/Kg			10/15/25 16:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	76		70 - 130				10/15/25 11:47	10/15/25 16:42	1
o-Terphenyl (Surr)	81		70 - 130				10/15/25 11:47	10/15/25 16:42	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.52		1.97	0.506	mg/Kg	✱	10/14/25 10:30	10/15/25 14:28	5
Barium	27.6		1.97	0.674	mg/Kg	✱	10/14/25 10:30	10/15/25 14:28	5
Cadmium	<0.263	U	0.983	0.263	mg/Kg	✱	10/14/25 10:30	10/15/25 14:28	5
Chromium	25.2		1.97	0.265	mg/Kg	✱	10/14/25 10:30	10/15/25 14:28	5
Lead	7.77		0.983	0.312	mg/Kg	✱	10/14/25 10:30	10/15/25 14:28	5
Selenium	<0.465	U	0.983	0.465	mg/Kg	✱	10/14/25 10:30	10/15/25 14:28	5
Silver	<0.235	U	0.983	0.235	mg/Kg	✱	10/14/25 10:30	10/15/25 14:28	5

Method: SW846 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00950	U	0.0212	0.00950	mg/Kg	✱	10/15/25 10:55	10/15/25 13:48	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.4	HF			SU			10/14/25 13:10	1
Temperature (SW846 9045D)	21.3	HF			Deg. C			10/14/25 13:10	1
Corrosivity (SW846 9045D)	8.4	HF			SU			10/14/25 13:10	1

Client Sample ID: SB-4 3-5'

Lab Sample ID: 860-113841-5

Date Collected: 10/09/25 12:02

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 90.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000374	U	0.000978	0.000374	mg/Kg	✱	10/10/25 11:33	10/14/25 14:30	1
Bromobenzene	<0.000978	U	0.00489	0.000978	mg/Kg	✱	10/10/25 11:33	10/14/25 14:30	1
Bromochloromethane	<0.000978	U	0.00489	0.000978	mg/Kg	✱	10/10/25 11:33	10/14/25 14:30	1
Bromodichloromethane	<0.000978	U	0.00489	0.000978	mg/Kg	✱	10/10/25 11:33	10/14/25 14:30	1

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Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-4 3-5'

Lab Sample ID: 860-113841-5

Date Collected: 10/09/25 12:02

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 90.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	<0.00216	U	0.00489	0.00216	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
Bromomethane	<0.000909	U *1	0.00489	0.000909	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
2-Butanone	<0.00506	U	0.0489	0.00506	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
Carbon tetrachloride	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
Chlorobenzene	<0.000610	U	0.00489	0.000610	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
Chloroethane	<0.00156	U	0.00978	0.00156	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
Chloroform	<0.000513	U	0.00489	0.000513	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
Chloromethane	<0.000917	U	0.00489	0.000917	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
4-Chlorotoluene	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
cis-1,2-Dichloroethene	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
cis-1,3-Dichloropropene	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
Dibromochloromethane	<0.00166	U	0.00489	0.00166	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
1,2-Dibromo-3-Chloropropane	<0.00244	U	0.00489	0.00244	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
1,2-Dibromoethane	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
1,2-Dichlorobenzene	<0.00142	U	0.00489	0.00142	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
1,3-Dichlorobenzene	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
1,4-Dichlorobenzene	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
Dichlorodifluoromethane	<0.00187	U	0.00489	0.00187	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
1,1-Dichloroethane	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
1,2-Dichloroethane	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
1,1-Dichloroethene	<0.000561	U	0.00489	0.000561	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
1,2-Dichloropropane	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
1,3-Dichloropropane	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
2,2-Dichloropropane	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
1,1-Dichloropropene	<0.000503	U	0.00489	0.000503	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
Ethylbenzene	<0.000298	U	0.000978	0.000298	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
Hexachlorobutadiene	<0.000680	U	0.00489	0.000680	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
Isopropylbenzene	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
Methylene Chloride	<0.00824	U	0.0196	0.00824	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
m,p-Xylenes	<0.000423	U	0.00196	0.000423	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
MTBE	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
Naphthalene	<0.00196	U	0.00978	0.00196	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
n-Butylbenzene	<0.000538	U	0.00489	0.000538	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
N-Propylbenzene	<0.000970	U	0.00489	0.000970	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
o-Xylene	<0.000309	U	0.000978	0.000309	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
p-Cymene (p-Isopropyltoluene)	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
sec-Butylbenzene	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
Styrene	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
tert-Butylbenzene	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
1,1,1,2-Tetrachloroethane	<0.000573	U	0.00489	0.000573	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
1,1,2,2-Tetrachloroethane	<0.000345	U	0.00489	0.000345	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
Tetrachloroethene	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
Toluene	<0.00118	U	0.00489	0.00118	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
trans-1,2-Dichloroethene	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
trans-1,3-Dichloropropene	<0.00163	U	0.00489	0.00163	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
1,2,3-Trichlorobenzene	<0.00133	U	0.00489	0.00133	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
1,2,4-Trichlorobenzene	<0.000984	U	0.00489	0.000984	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
1,1,1-Trichloroethane	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1
1,1,2-Trichloroethane	<0.000978	U	0.00489	0.000978	mg/Kg	☆	10/10/25 11:33	10/14/25 14:30	1

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Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-4 3-5'

Lab Sample ID: 860-113841-5

Date Collected: 10/09/25 12:02

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 90.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<0.000978	U	0.00489	0.000978	mg/Kg	✱	10/10/25 11:33	10/14/25 14:30	1
Trichlorofluoromethane	<0.00174	U	0.00489	0.00174	mg/Kg	✱	10/10/25 11:33	10/14/25 14:30	1
1,2,3-Trichloropropane	<0.000569	U	0.00489	0.000569	mg/Kg	✱	10/10/25 11:33	10/14/25 14:30	1
1,2,4-Trimethylbenzene	<0.00154	U	0.00489	0.00154	mg/Kg	✱	10/10/25 11:33	10/14/25 14:30	1
1,3,5-Trimethylbenzene	<0.000978	U	0.00489	0.000978	mg/Kg	✱	10/10/25 11:33	10/14/25 14:30	1
Vinyl chloride	<0.000610	U	0.00489	0.000610	mg/Kg	✱	10/10/25 11:33	10/14/25 14:30	1
Xylenes, Total	<0.000423	U	0.00196	0.000423	mg/Kg	✱	10/10/25 11:33	10/14/25 14:30	1
Carbon disulfide	<0.000555	U	0.00489	0.000555	mg/Kg	✱	10/10/25 11:33	10/14/25 14:30	1
Acetone	<0.0151	U *1	0.0978	0.0151	mg/Kg	✱	10/10/25 11:33	10/14/25 14:30	1
Methyl acetate	<0.00317	U	0.0489	0.00317	mg/Kg	✱	10/10/25 11:33	10/14/25 14:30	1
4-Methyl-2-pentanone	<0.00522	U	0.0489	0.00522	mg/Kg	✱	10/10/25 11:33	10/14/25 14:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00163	U	0.00978	0.00163	mg/Kg	✱	10/10/25 11:33	10/14/25 14:30	1
2-Hexanone	<0.00742	U	0.0489	0.00742	mg/Kg	✱	10/10/25 11:33	10/14/25 14:30	1
Methylcyclohexane	<0.00146	U	0.00978	0.00146	mg/Kg	✱	10/10/25 11:33	10/14/25 14:30	1
Cyclohexane	<0.00176	U	0.00489	0.00176	mg/Kg	✱	10/10/25 11:33	10/14/25 14:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		56 - 150	10/10/25 11:33	10/14/25 14:30	1
4-Bromofluorobenzene (Surr)	95		68 - 152	10/10/25 11:33	10/14/25 14:30	1
Dibromofluoromethane (Surr)	112		53 - 142	10/10/25 11:33	10/14/25 14:30	1
Toluene-d8 (Surr)	95		70 - 130	10/10/25 11:33	10/14/25 14:30	1

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	<28.9	U	57.7	28.9	mg/Kg	✱	10/15/25 11:47	10/16/25 13:47	1
Over C12-C28	45.5	J	57.7	28.9	mg/Kg	✱	10/15/25 11:47	10/16/25 13:47	1
Over C28-C35	<28.9	U	57.7	28.9	mg/Kg	✱	10/15/25 11:47	10/16/25 13:47	1
Total Petroleum Hydrocarbons (C6-C35)	45.5	J	57.7	28.9	mg/Kg			10/16/25 13:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	74		70 - 130	10/15/25 11:47	10/16/25 13:47	1
o-Terphenyl (Surr)	76		70 - 130	10/15/25 11:47	10/16/25 13:47	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.28		1.98	0.510	mg/Kg	✱	10/14/25 10:30	10/15/25 14:32	5
Barium	129		1.98	0.678	mg/Kg	✱	10/14/25 10:30	10/15/25 14:32	5
Cadmium	<0.264	U	0.990	0.264	mg/Kg	✱	10/14/25 10:30	10/15/25 14:32	5
Chromium	10.9		1.98	0.267	mg/Kg	✱	10/14/25 10:30	10/15/25 14:32	5
Lead	7.96		0.990	0.314	mg/Kg	✱	10/14/25 10:30	10/15/25 14:32	5
Selenium	<0.468	U	0.990	0.468	mg/Kg	✱	10/14/25 10:30	10/15/25 14:32	5
Silver	<0.237	U	0.990	0.237	mg/Kg	✱	10/14/25 10:30	10/15/25 14:32	5

Method: SW846 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00993	U	0.0222	0.00993	mg/Kg	✱	10/15/25 10:55	10/15/25 13:50	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.9	HF			SU			10/14/25 13:10	1

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Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-4 3-5'

Lab Sample ID: 860-113841-5

Date Collected: 10/09/25 12:02

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 90.2

General Chemistry - Soluble (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Temperature (SW846 9045D)	21.2	HF			Deg. C			10/14/25 13:10	1
Corrosivity (SW846 9045D)	8.9	HF			SU			10/14/25 13:10	1

Client Sample ID: SB-4 10-12'

Lab Sample ID: 860-113841-6

Date Collected: 10/09/25 12:16

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 90.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000289	U	0.000754	0.000289	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Bromobenzene	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Bromochloromethane	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Bromodichloromethane	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Bromoform	<0.00167	U	0.00377	0.00167	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Bromomethane	<0.000701	U *1	0.00377	0.000701	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
2-Butanone	<0.00390	U	0.0377	0.00390	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Carbon tetrachloride	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Chlorobenzene	<0.000470	U	0.00377	0.000470	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Chloroethane	<0.00120	U	0.00754	0.00120	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Chloroform	<0.000396	U	0.00377	0.000396	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Chloromethane	<0.000708	U	0.00377	0.000708	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
4-Chlorotoluene	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
cis-1,2-Dichloroethene	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
cis-1,3-Dichloropropene	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Dibromochloromethane	<0.00128	U	0.00377	0.00128	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
1,2-Dibromo-3-Chloropropane	<0.00188	U	0.00377	0.00188	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
1,2-Dibromoethane	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
1,2-Dichlorobenzene	<0.00110	U	0.00377	0.00110	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
1,3-Dichlorobenzene	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
1,4-Dichlorobenzene	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Dichlorodifluoromethane	<0.00144	U	0.00377	0.00144	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
1,1-Dichloroethane	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
1,2-Dichloroethane	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
1,1-Dichloroethene	<0.000433	U	0.00377	0.000433	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
1,2-Dichloropropane	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
1,3-Dichloropropane	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
2,2-Dichloropropane	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
1,1-Dichloropropene	<0.000388	U	0.00377	0.000388	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Ethylbenzene	<0.000230	U	0.000754	0.000230	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Hexachlorobutadiene	<0.000525	U	0.00377	0.000525	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Isopropylbenzene	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Methylene Chloride	<0.00635	U	0.0151	0.00635	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
m,p-Xylenes	<0.000327	U	0.00151	0.000327	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
MTBE	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Naphthalene	<0.00151	U	0.00754	0.00151	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
n-Butylbenzene	<0.000415	U	0.00377	0.000415	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
N-Propylbenzene	<0.000748	U	0.00377	0.000748	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
o-Xylene	<0.000238	U	0.000754	0.000238	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
p-Cymene (p-Isopropyltoluene)	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
sec-Butylbenzene	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1

Eurofins Houston

Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-4 10-12'

Lab Sample ID: 860-113841-6

Date Collected: 10/09/25 12:16

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 90.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
tert-Butylbenzene	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
1,1,1,2-Tetrachloroethane	<0.000442	U	0.00377	0.000442	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
1,1,2,2-Tetrachloroethane	<0.000266	U	0.00377	0.000266	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Tetrachloroethene	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Toluene	<0.000914	U	0.00377	0.000914	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
trans-1,2-Dichloroethene	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
trans-1,3-Dichloropropene	<0.00126	U	0.00377	0.00126	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
1,2,3-Trichlorobenzene	<0.00102	U	0.00377	0.00102	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
1,2,4-Trichlorobenzene	<0.000759	U	0.00377	0.000759	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
1,1,1-Trichloroethane	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
1,1,2-Trichloroethane	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Trichloroethene	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Trichlorofluoromethane	<0.00135	U	0.00377	0.00135	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
1,2,3-Trichloropropane	<0.000439	U	0.00377	0.000439	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
1,2,4-Trimethylbenzene	<0.00119	U	0.00377	0.00119	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
1,3,5-Trimethylbenzene	<0.000754	U	0.00377	0.000754	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Vinyl chloride	<0.000470	U	0.00377	0.000470	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Xylenes, Total	<0.000327	U	0.00151	0.000327	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Carbon disulfide	<0.000428	U	0.00377	0.000428	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Acetone	<0.0116	U *1	0.0754	0.0116	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Methyl acetate	<0.00244	U	0.0377	0.00244	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
4-Methyl-2-pentanone	<0.00402	U	0.0377	0.00402	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00126	U	0.00754	0.00126	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
2-Hexanone	<0.00572	U	0.0377	0.00572	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Methylcyclohexane	<0.00113	U	0.00754	0.00113	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1
Cyclohexane	<0.00136	U	0.00377	0.00136	mg/Kg	✱	10/10/25 11:33	10/14/25 14:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		56 - 150	10/10/25 11:33	10/14/25 14:54	1
4-Bromofluorobenzene (Surr)	92		68 - 152	10/10/25 11:33	10/14/25 14:54	1
Dibromofluoromethane (Surr)	109		53 - 142	10/10/25 11:33	10/14/25 14:54	1
Toluene-d8 (Surr)	96		70 - 130	10/10/25 11:33	10/14/25 14:54	1

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	<26.3	U	52.6	26.3	mg/Kg	✱	10/15/25 11:47	10/16/25 14:03	1
Over C12-C28	<26.3	U	52.6	26.3	mg/Kg	✱	10/15/25 11:47	10/16/25 14:03	1
Over C28-C35	<26.3	U	52.6	26.3	mg/Kg	✱	10/15/25 11:47	10/16/25 14:03	1
Total Petroleum Hydrocarbons (C6-C35)	<26.3	U	52.6	26.3	mg/Kg			10/16/25 14:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	74		70 - 130	10/15/25 11:47	10/16/25 14:03	1
o-Terphenyl (Surr)	75		70 - 130	10/15/25 11:47	10/16/25 14:03	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.35		2.06	0.530	mg/Kg	✱	10/14/25 10:30	10/15/25 14:35	5
Barium	155		2.06	0.704	mg/Kg	✱	10/14/25 10:30	10/15/25 14:35	5
Cadmium	<0.275	U	1.03	0.275	mg/Kg	✱	10/14/25 10:30	10/15/25 14:35	5

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Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-4 10-12'

Lab Sample ID: 860-113841-6

Date Collected: 10/09/25 12:16

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 90.0

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	8.55		2.06	0.278	mg/Kg	☆	10/14/25 10:30	10/15/25 14:35	5
Lead	5.79		1.03	0.326	mg/Kg	☆	10/14/25 10:30	10/15/25 14:35	5
Selenium	<0.486	U	1.03	0.486	mg/Kg	☆	10/14/25 10:30	10/15/25 14:35	5
Silver	<0.246	U	1.03	0.246	mg/Kg	☆	10/14/25 10:30	10/15/25 14:35	5

Method: SW846 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00904	U	0.0202	0.00904	mg/Kg	☆	10/15/25 10:55	10/15/25 13:51	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.8	HF			SU			10/14/25 13:10	1
Temperature (SW846 9045D)	21.2	HF			Deg. C			10/14/25 13:10	1
Corrosivity (SW846 9045D)	8.8	HF			SU			10/14/25 13:10	1

Client Sample ID: SB-5 1-5'

Lab Sample ID: 860-113841-7

Date Collected: 10/09/25 12:55

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 84.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000344	U	0.000899	0.000344	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Bromobenzene	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Bromochloromethane	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Bromodichloromethane	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Bromoform	<0.00199	U	0.00449	0.00199	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Bromomethane	<0.000835	U *1	0.00449	0.000835	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
2-Butanone	<0.00465	U	0.0449	0.00465	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Carbon tetrachloride	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Chlorobenzene	<0.000560	U	0.00449	0.000560	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Chloroethane	<0.00143	U	0.00899	0.00143	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Chloroform	<0.000471	U	0.00449	0.000471	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Chloromethane	<0.000843	U	0.00449	0.000843	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
4-Chlorotoluene	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
cis-1,2-Dichloroethene	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
cis-1,3-Dichloropropene	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Dibromochloromethane	<0.00153	U	0.00449	0.00153	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
1,2-Dibromo-3-Chloropropane	<0.00224	U	0.00449	0.00224	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
1,2-Dibromoethane	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
1,2-Dichlorobenzene	<0.00131	U	0.00449	0.00131	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
1,3-Dichlorobenzene	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
1,4-Dichlorobenzene	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Dichlorodifluoromethane	<0.00172	U	0.00449	0.00172	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
1,1-Dichloroethane	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
1,2-Dichloroethane	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
1,1-Dichloroethene	<0.000515	U	0.00449	0.000515	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
1,2-Dichloropropane	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
1,3-Dichloropropane	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
2,2-Dichloropropane	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
1,1-Dichloropropene	<0.000463	U	0.00449	0.000463	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1

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Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-5 1-5'

Lab Sample ID: 860-113841-7

Date Collected: 10/09/25 12:55

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 84.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.000274	U	0.000899	0.000274	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Hexachlorobutadiene	<0.000625	U	0.00449	0.000625	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Isopropylbenzene	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Methylene Chloride	<0.00757	U	0.0180	0.00757	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
m,p-Xylenes	<0.000389	U	0.00180	0.000389	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
MTBE	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Naphthalene	<0.00180	U	0.00899	0.00180	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
n-Butylbenzene	<0.000494	U	0.00449	0.000494	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
N-Propylbenzene	<0.000891	U	0.00449	0.000891	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
o-Xylene	<0.000284	U	0.000899	0.000284	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
p-Cymene (p-Isopropyltoluene)	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
sec-Butylbenzene	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Styrene	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
tert-Butylbenzene	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
1,1,1,2-Tetrachloroethane	<0.000527	U	0.00449	0.000527	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
1,1,2,2-Tetrachloroethane	<0.000317	U	0.00449	0.000317	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Tetrachloroethene	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Toluene	<0.00109	U	0.00449	0.00109	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
trans-1,2-Dichloroethene	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
trans-1,3-Dichloropropene	<0.00150	U	0.00449	0.00150	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
1,2,3-Trichlorobenzene	<0.00122	U	0.00449	0.00122	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
1,2,4-Trichlorobenzene	<0.000904	U	0.00449	0.000904	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
1,1,1-Trichloroethane	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
1,1,2-Trichloroethane	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Trichloroethene	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Trichlorofluoromethane	<0.00160	U	0.00449	0.00160	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
1,2,3-Trichloropropane	<0.000522	U	0.00449	0.000522	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
1,2,4-Trimethylbenzene	<0.00141	U	0.00449	0.00141	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
1,3,5-Trimethylbenzene	<0.000899	U	0.00449	0.000899	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Vinyl chloride	<0.000560	U	0.00449	0.000560	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Xylenes, Total	<0.000389	U	0.00180	0.000389	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Carbon disulfide	<0.000510	U	0.00449	0.000510	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Acetone	<0.0138	U *1	0.0899	0.0138	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Methyl acetate	<0.00291	U	0.0449	0.00291	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
4-Methyl-2-pentanone	<0.00479	U	0.0449	0.00479	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00150	U	0.00899	0.00150	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
2-Hexanone	<0.00682	U	0.0449	0.00682	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Methylcyclohexane	<0.00134	U	0.00899	0.00134	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1
Cyclohexane	<0.00162	U	0.00449	0.00162	mg/Kg	☆	10/10/25 11:33	10/14/25 15:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	124		56 - 150	10/10/25 11:33	10/14/25 15:18	1
4-Bromofluorobenzene (Surr)	95		68 - 152	10/10/25 11:33	10/14/25 15:18	1
Dibromofluoromethane (Surr)	111		53 - 142	10/10/25 11:33	10/14/25 15:18	1
Toluene-d8 (Surr)	94		70 - 130	10/10/25 11:33	10/14/25 15:18	1

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	<27.5	U	55.1	27.5	mg/Kg	☆	10/15/25 11:47	10/15/25 17:44	1
Over C12-C28	<27.5	U	55.1	27.5	mg/Kg	☆	10/15/25 11:47	10/15/25 17:44	1

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Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-5 1-5'

Lab Sample ID: 860-113841-7

Date Collected: 10/09/25 12:55

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 84.3

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Over C28-C35	<27.5	U	55.1	27.5	mg/Kg	☆	10/15/25 11:47	10/15/25 17:44	1
Total Petroleum Hydrocarbons (C6-C35)	<27.5	U	55.1	27.5	mg/Kg			10/15/25 17:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	70		70 - 130				10/15/25 11:47	10/15/25 17:44	1
o-Terphenyl (Surr)	75		70 - 130				10/15/25 11:47	10/15/25 17:44	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.22		2.12	0.545	mg/Kg	☆	10/14/25 10:30	10/15/25 14:38	5
Barium	318		2.12	0.726	mg/Kg	☆	10/14/25 10:30	10/15/25 14:38	5
Cadmium	<0.283	U	1.06	0.283	mg/Kg	☆	10/14/25 10:30	10/15/25 14:38	5
Chromium	6.47		2.12	0.286	mg/Kg	☆	10/14/25 10:30	10/15/25 14:38	5
Lead	4.73		1.06	0.336	mg/Kg	☆	10/14/25 10:30	10/15/25 14:38	5
Selenium	<0.500	U	1.06	0.500	mg/Kg	☆	10/14/25 10:30	10/15/25 14:38	5
Silver	<0.253	U	1.06	0.253	mg/Kg	☆	10/14/25 10:30	10/15/25 14:38	5

Method: SW846 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00948	U	0.0212	0.00948	mg/Kg	☆	10/15/25 10:55	10/15/25 13:53	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.8	HF			SU			10/14/25 13:10	1
Temperature (SW846 9045D)	21.3	HF			Deg. C			10/14/25 13:10	1
Corrosivity (SW846 9045D)	8.8	HF			SU			10/14/25 13:10	1

Client Sample ID: TMW-1

Lab Sample ID: 860-113841-8

Date Collected: 10/09/25 08:41

Matrix: Water

Date Received: 10/10/25 09:19

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000460	U	0.00100	0.000460	mg/L			10/16/25 12:01	1
Bromobenzene	<0.000486	U	0.00100	0.000486	mg/L			10/16/25 12:01	1
Bromochloromethane	<0.000577	U	0.00100	0.000577	mg/L			10/16/25 12:01	1
Bromodichloromethane	<0.000552	U	0.00100	0.000552	mg/L			10/16/25 12:01	1
Bromoform	<0.000633	U	0.00500	0.000633	mg/L			10/16/25 12:01	1
Bromomethane	<0.00142	U	0.00500	0.00142	mg/L			10/16/25 12:01	1
2-Butanone	<0.00828	U	0.0500	0.00828	mg/L			10/16/25 12:01	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			10/16/25 12:01	1
Chlorobenzene	<0.000455	U	0.00100	0.000455	mg/L			10/16/25 12:01	1
Chloroethane	<0.00198	U	0.0100	0.00198	mg/L			10/16/25 12:01	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			10/16/25 12:01	1
Chloromethane	<0.00204	U	0.0100	0.00204	mg/L			10/16/25 12:01	1
4-Chlorotoluene	<0.000386	U	0.00100	0.000386	mg/L			10/16/25 12:01	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			10/16/25 12:01	1
cis-1,3-Dichloropropene	<0.00107	U	0.00500	0.00107	mg/L			10/16/25 12:01	1
Dibromochloromethane	<0.000547	U	0.00500	0.000547	mg/L			10/16/25 12:01	1
1,2-Dibromo-3-Chloropropane	<0.000671	U	0.00500	0.000671	mg/L			10/16/25 12:01	1

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Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: TMW-1

Lab Sample ID: 860-113841-8

Date Collected: 10/09/25 08:41

Matrix: Water

Date Received: 10/10/25 09:19

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			10/16/25 12:01	1
1,2-Dichlorobenzene	<0.000429	U	0.00100	0.000429	mg/L			10/16/25 12:01	1
1,3-Dichlorobenzene	<0.000413	U	0.00100	0.000413	mg/L			10/16/25 12:01	1
1,4-Dichlorobenzene	<0.000449	U	0.00100	0.000449	mg/L			10/16/25 12:01	1
Dichlorodifluoromethane	<0.000785	U	0.00100	0.000785	mg/L			10/16/25 12:01	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			10/16/25 12:01	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			10/16/25 12:01	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			10/16/25 12:01	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			10/16/25 12:01	1
1,3-Dichloropropane	<0.000514	U	0.00500	0.000514	mg/L			10/16/25 12:01	1
2,2-Dichloropropane	<0.000679	U	0.00500	0.000679	mg/L			10/16/25 12:01	1
1,1-Dichloropropene	<0.000624	U	0.00500	0.000624	mg/L			10/16/25 12:01	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			10/16/25 12:01	1
Hexachlorobutadiene	<0.000627	U	0.00500	0.000627	mg/L			10/16/25 12:01	1
Isopropylbenzene	<0.000592	U	0.00100	0.000592	mg/L			10/16/25 12:01	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			10/16/25 12:01	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			10/16/25 12:01	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			10/16/25 12:01	1
Naphthalene	<0.00135	U	0.0100	0.00135	mg/L			10/16/25 12:01	1
n-Butylbenzene	<0.000510	U	0.00100	0.000510	mg/L			10/16/25 12:01	1
N-Propylbenzene	<0.000429	U	0.00100	0.000429	mg/L			10/16/25 12:01	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			10/16/25 12:01	1
p-Cymene (p-Isopropyltoluene)	<0.000676	U	0.00100	0.000676	mg/L			10/16/25 12:01	1
sec-Butylbenzene	<0.000468	U	0.00100	0.000468	mg/L			10/16/25 12:01	1
Styrene	<0.000619	U	0.00100	0.000619	mg/L			10/16/25 12:01	1
tert-Butylbenzene	<0.000442	U	0.00100	0.000442	mg/L			10/16/25 12:01	1
1,1,1,2-Tetrachloroethane	<0.000644	U	0.00100	0.000644	mg/L			10/16/25 12:01	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			10/16/25 12:01	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			10/16/25 12:01	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			10/16/25 12:01	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			10/16/25 12:01	1
trans-1,3-Dichloropropene	<0.00127	U	0.00500	0.00127	mg/L			10/16/25 12:01	1
1,2,3-Trichlorobenzene	<0.00177	U	0.00500	0.00177	mg/L			10/16/25 12:01	1
1,2,4-Trichlorobenzene	<0.00175	U	0.00500	0.00175	mg/L			10/16/25 12:01	1
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			10/16/25 12:01	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			10/16/25 12:01	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			10/16/25 12:01	1
Trichlorofluoromethane	<0.000560	U	0.00100	0.000560	mg/L			10/16/25 12:01	1
1,2,3-Trichloropropane	<0.000470	U	0.00100	0.000470	mg/L			10/16/25 12:01	1
1,2,4-Trimethylbenzene	<0.000417	U	0.00100	0.000417	mg/L			10/16/25 12:01	1
1,3,5-Trimethylbenzene	<0.000411	U	0.00100	0.000411	mg/L			10/16/25 12:01	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			10/16/25 12:01	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			10/16/25 12:01	1
Carbon disulfide	<0.00165	U	0.00500	0.00165	mg/L			10/16/25 12:01	1
Acetone	<0.00307	U	0.100	0.00307	mg/L			10/16/25 12:01	1
Methyl acetate	<0.00401	U	0.0200	0.00401	mg/L			10/16/25 12:01	1
4-Methyl-2-pentanone	<0.00500	U	0.0500	0.00500	mg/L			10/16/25 12:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00111	U	0.0100	0.00111	mg/L			10/16/25 12:01	1
2-Hexanone	<0.00500	U	0.0500	0.00500	mg/L			10/16/25 12:01	1

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Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: TMW-1

Date Collected: 10/09/25 08:41

Date Received: 10/10/25 09:19

Lab Sample ID: 860-113841-8

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	<0.000608	U	0.0100	0.000608	mg/L			10/16/25 12:01	1
Cyclohexane	<0.00129	U	0.00500	0.00129	mg/L			10/16/25 12:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		63 - 144					10/16/25 12:01	1
4-Bromofluorobenzene (Surr)	100		74 - 124					10/16/25 12:01	1
Dibromofluoromethane (Surr)	105		75 - 131					10/16/25 12:01	1
Toluene-d8 (Surr)	98		80 - 120					10/16/25 12:01	1

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	<0.838	U	4.73	0.838	mg/L		10/14/25 15:27	10/15/25 06:04	1
Over C12-C28	<0.817	U	4.73	0.817	mg/L		10/14/25 15:27	10/15/25 06:04	1
Over C28-C35	<0.817	U	4.73	0.817	mg/L		10/14/25 15:27	10/15/25 06:04	1
Total Petroleum Hydrocarbons (C6-C35)	<0.838	U	4.73	0.838	mg/L			10/15/25 06:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	86		70 - 130				10/14/25 15:27	10/15/25 06:04	1
o-Terphenyl (Surr)	94		70 - 130				10/14/25 15:27	10/15/25 06:04	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00177	J	0.00400	0.000690	mg/L		10/14/25 09:00	10/14/25 21:40	1
Barium	0.0441		0.00400	0.00134	mg/L		10/14/25 09:00	10/14/25 21:40	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		10/14/25 09:00	10/14/25 21:40	1
Chromium	0.00321	J	0.00400	0.000560	mg/L		10/14/25 09:00	10/14/25 21:40	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		10/14/25 09:00	10/14/25 21:40	1
Selenium	0.00181	J	0.00200	0.000590	mg/L		10/14/25 09:00	10/14/25 21:40	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		10/14/25 09:00	10/14/25 21:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		10/14/25 14:02	10/14/25 20:58	1

Client Sample ID: TMW-3

Date Collected: 10/09/25 10:24

Date Received: 10/10/25 09:19

Lab Sample ID: 860-113841-9

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000460	U	0.00100	0.000460	mg/L			10/16/25 12:21	1
Bromobenzene	<0.000486	U	0.00100	0.000486	mg/L			10/16/25 12:21	1
Bromochloromethane	<0.000577	U	0.00100	0.000577	mg/L			10/16/25 12:21	1
Bromodichloromethane	<0.000552	U	0.00100	0.000552	mg/L			10/16/25 12:21	1
Bromoform	<0.000633	U	0.00500	0.000633	mg/L			10/16/25 12:21	1
Bromomethane	<0.00142	U	0.00500	0.00142	mg/L			10/16/25 12:21	1
2-Butanone	<0.00828	U	0.0500	0.00828	mg/L			10/16/25 12:21	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			10/16/25 12:21	1
Chlorobenzene	<0.000455	U	0.00100	0.000455	mg/L			10/16/25 12:21	1
Chloroethane	<0.00198	U	0.0100	0.00198	mg/L			10/16/25 12:21	1

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Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: TMW-3

Lab Sample ID: 860-113841-9

Date Collected: 10/09/25 10:24

Matrix: Water

Date Received: 10/10/25 09:19

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			10/16/25 12:21	1
Chloromethane	<0.00204	U	0.0100	0.00204	mg/L			10/16/25 12:21	1
4-Chlorotoluene	<0.000386	U	0.00100	0.000386	mg/L			10/16/25 12:21	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			10/16/25 12:21	1
cis-1,3-Dichloropropene	<0.00107	U	0.00500	0.00107	mg/L			10/16/25 12:21	1
Dibromochloromethane	<0.000547	U	0.00500	0.000547	mg/L			10/16/25 12:21	1
1,2-Dibromo-3-Chloropropane	<0.000671	U	0.00500	0.000671	mg/L			10/16/25 12:21	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			10/16/25 12:21	1
1,2-Dichlorobenzene	<0.000429	U	0.00100	0.000429	mg/L			10/16/25 12:21	1
1,3-Dichlorobenzene	<0.000413	U	0.00100	0.000413	mg/L			10/16/25 12:21	1
1,4-Dichlorobenzene	<0.000449	U	0.00100	0.000449	mg/L			10/16/25 12:21	1
Dichlorodifluoromethane	<0.000785	U	0.00100	0.000785	mg/L			10/16/25 12:21	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			10/16/25 12:21	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			10/16/25 12:21	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			10/16/25 12:21	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			10/16/25 12:21	1
1,3-Dichloropropane	<0.000514	U	0.00500	0.000514	mg/L			10/16/25 12:21	1
2,2-Dichloropropane	<0.000679	U	0.00500	0.000679	mg/L			10/16/25 12:21	1
1,1-Dichloropropene	<0.000624	U	0.00500	0.000624	mg/L			10/16/25 12:21	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			10/16/25 12:21	1
Hexachlorobutadiene	<0.000627	U	0.00500	0.000627	mg/L			10/16/25 12:21	1
Isopropylbenzene	<0.000592	U	0.00100	0.000592	mg/L			10/16/25 12:21	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			10/16/25 12:21	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			10/16/25 12:21	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			10/16/25 12:21	1
Naphthalene	<0.00135	U	0.0100	0.00135	mg/L			10/16/25 12:21	1
n-Butylbenzene	<0.000510	U	0.00100	0.000510	mg/L			10/16/25 12:21	1
N-Propylbenzene	<0.000429	U	0.00100	0.000429	mg/L			10/16/25 12:21	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			10/16/25 12:21	1
p-Cymene (p-Isopropyltoluene)	<0.000676	U	0.00100	0.000676	mg/L			10/16/25 12:21	1
sec-Butylbenzene	<0.000468	U	0.00100	0.000468	mg/L			10/16/25 12:21	1
Styrene	<0.000619	U	0.00100	0.000619	mg/L			10/16/25 12:21	1
tert-Butylbenzene	<0.000442	U	0.00100	0.000442	mg/L			10/16/25 12:21	1
1,1,1,2-Tetrachloroethane	<0.000644	U	0.00100	0.000644	mg/L			10/16/25 12:21	1
1,1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			10/16/25 12:21	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			10/16/25 12:21	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			10/16/25 12:21	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			10/16/25 12:21	1
trans-1,3-Dichloropropene	<0.00127	U	0.00500	0.00127	mg/L			10/16/25 12:21	1
1,2,3-Trichlorobenzene	<0.00177	U	0.00500	0.00177	mg/L			10/16/25 12:21	1
1,2,4-Trichlorobenzene	<0.00175	U	0.00500	0.00175	mg/L			10/16/25 12:21	1
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			10/16/25 12:21	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			10/16/25 12:21	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			10/16/25 12:21	1
Trichlorofluoromethane	<0.000560	U	0.00100	0.000560	mg/L			10/16/25 12:21	1
1,2,3-Trichloropropane	<0.000470	U	0.00100	0.000470	mg/L			10/16/25 12:21	1
1,2,4-Trimethylbenzene	<0.000417	U	0.00100	0.000417	mg/L			10/16/25 12:21	1
1,3,5-Trimethylbenzene	<0.000411	U	0.00100	0.000411	mg/L			10/16/25 12:21	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			10/16/25 12:21	1

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Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: TMW-3

Date Collected: 10/09/25 10:24

Date Received: 10/10/25 09:19

Lab Sample ID: 860-113841-9

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			10/16/25 12:21	1
Carbon disulfide	<0.00165	U	0.00500	0.00165	mg/L			10/16/25 12:21	1
Acetone	<0.00307	U	0.100	0.00307	mg/L			10/16/25 12:21	1
Methyl acetate	<0.00401	U	0.0200	0.00401	mg/L			10/16/25 12:21	1
4-Methyl-2-pentanone	<0.00500	U	0.0500	0.00500	mg/L			10/16/25 12:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00111	U	0.0100	0.00111	mg/L			10/16/25 12:21	1
2-Hexanone	<0.00500	U	0.0500	0.00500	mg/L			10/16/25 12:21	1
Methylcyclohexane	<0.000608	U	0.0100	0.000608	mg/L			10/16/25 12:21	1
Cyclohexane	<0.00129	U	0.00500	0.00129	mg/L			10/16/25 12:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		63 - 144		10/16/25 12:21	1
4-Bromofluorobenzene (Surr)	104		74 - 124		10/16/25 12:21	1
Dibromofluoromethane (Surr)	105		75 - 131		10/16/25 12:21	1
Toluene-d8 (Surr)	98		80 - 120		10/16/25 12:21	1

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	<0.851	U	4.81	0.851	mg/L		10/14/25 15:27	10/15/25 06:20	1
Over C12-C28	<0.830	U	4.81	0.830	mg/L		10/14/25 15:27	10/15/25 06:20	1
Over C28-C35	<0.830	U	4.81	0.830	mg/L		10/14/25 15:27	10/15/25 06:20	1
Total Petroleum Hydrocarbons (C6-C35)	<0.851	U	4.81	0.851	mg/L			10/15/25 06:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130	10/14/25 15:27	10/15/25 06:20	1
o-Terphenyl (Surr)	91		70 - 130	10/14/25 15:27	10/15/25 06:20	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00152	J	0.00400	0.000690	mg/L		10/14/25 09:00	10/14/25 21:43	1
Barium	0.0698		0.00400	0.00134	mg/L		10/14/25 09:00	10/14/25 21:43	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		10/14/25 09:00	10/14/25 21:43	1
Chromium	0.00460		0.00400	0.000560	mg/L		10/14/25 09:00	10/14/25 21:43	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		10/14/25 09:00	10/14/25 21:43	1
Selenium	0.00672		0.00200	0.000590	mg/L		10/14/25 09:00	10/14/25 21:43	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		10/14/25 09:00	10/14/25 21:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		10/14/25 14:02	10/14/25 21:05	1

Client Sample ID: TMW-5

Date Collected: 10/09/25 13:26

Date Received: 10/10/25 09:19

Lab Sample ID: 860-113841-10

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000460	U	0.00100	0.000460	mg/L			10/16/25 12:42	1
Bromobenzene	<0.000486	U	0.00100	0.000486	mg/L			10/16/25 12:42	1
Bromochloromethane	<0.000577	U	0.00100	0.000577	mg/L			10/16/25 12:42	1

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Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: TMW-5

Lab Sample ID: 860-113841-10

Date Collected: 10/09/25 13:26

Matrix: Water

Date Received: 10/10/25 09:19

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	<0.000552	U	0.00100	0.000552	mg/L			10/16/25 12:42	1
Bromoform	<0.000633	U	0.00500	0.000633	mg/L			10/16/25 12:42	1
Bromomethane	<0.00142	U	0.00500	0.00142	mg/L			10/16/25 12:42	1
2-Butanone	<0.00828	U	0.0500	0.00828	mg/L			10/16/25 12:42	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			10/16/25 12:42	1
Chlorobenzene	<0.000455	U	0.00100	0.000455	mg/L			10/16/25 12:42	1
Chloroethane	<0.00198	U	0.0100	0.00198	mg/L			10/16/25 12:42	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			10/16/25 12:42	1
Chloromethane	<0.00204	U	0.0100	0.00204	mg/L			10/16/25 12:42	1
4-Chlorotoluene	<0.000386	U	0.00100	0.000386	mg/L			10/16/25 12:42	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			10/16/25 12:42	1
cis-1,3-Dichloropropene	<0.00107	U	0.00500	0.00107	mg/L			10/16/25 12:42	1
Dibromochloromethane	<0.000547	U	0.00500	0.000547	mg/L			10/16/25 12:42	1
1,2-Dibromo-3-Chloropropane	<0.000671	U	0.00500	0.000671	mg/L			10/16/25 12:42	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			10/16/25 12:42	1
1,2-Dichlorobenzene	<0.000429	U	0.00100	0.000429	mg/L			10/16/25 12:42	1
1,3-Dichlorobenzene	<0.000413	U	0.00100	0.000413	mg/L			10/16/25 12:42	1
1,4-Dichlorobenzene	<0.000449	U	0.00100	0.000449	mg/L			10/16/25 12:42	1
Dichlorodifluoromethane	<0.000785	U	0.00100	0.000785	mg/L			10/16/25 12:42	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			10/16/25 12:42	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			10/16/25 12:42	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			10/16/25 12:42	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			10/16/25 12:42	1
1,3-Dichloropropane	<0.000514	U	0.00500	0.000514	mg/L			10/16/25 12:42	1
2,2-Dichloropropane	<0.000679	U	0.00500	0.000679	mg/L			10/16/25 12:42	1
1,1-Dichloropropene	<0.000624	U	0.00500	0.000624	mg/L			10/16/25 12:42	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			10/16/25 12:42	1
Hexachlorobutadiene	<0.000627	U	0.00500	0.000627	mg/L			10/16/25 12:42	1
Isopropylbenzene	<0.000592	U	0.00100	0.000592	mg/L			10/16/25 12:42	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			10/16/25 12:42	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			10/16/25 12:42	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			10/16/25 12:42	1
Naphthalene	<0.00135	U	0.0100	0.00135	mg/L			10/16/25 12:42	1
n-Butylbenzene	<0.000510	U	0.00100	0.000510	mg/L			10/16/25 12:42	1
N-Propylbenzene	<0.000429	U	0.00100	0.000429	mg/L			10/16/25 12:42	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			10/16/25 12:42	1
p-Cymene (p-Isopropyltoluene)	<0.000676	U	0.00100	0.000676	mg/L			10/16/25 12:42	1
sec-Butylbenzene	<0.000468	U	0.00100	0.000468	mg/L			10/16/25 12:42	1
Styrene	<0.000619	U	0.00100	0.000619	mg/L			10/16/25 12:42	1
tert-Butylbenzene	<0.000442	U	0.00100	0.000442	mg/L			10/16/25 12:42	1
1,1,1,2-Tetrachloroethane	<0.000644	U	0.00100	0.000644	mg/L			10/16/25 12:42	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			10/16/25 12:42	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			10/16/25 12:42	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			10/16/25 12:42	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			10/16/25 12:42	1
trans-1,3-Dichloropropene	<0.00127	U	0.00500	0.00127	mg/L			10/16/25 12:42	1
1,2,3-Trichlorobenzene	<0.00177	U	0.00500	0.00177	mg/L			10/16/25 12:42	1
1,2,4-Trichlorobenzene	<0.00175	U	0.00500	0.00175	mg/L			10/16/25 12:42	1
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			10/16/25 12:42	1

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Client Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: TMW-5

Lab Sample ID: 860-113841-10

Date Collected: 10/09/25 13:26

Matrix: Water

Date Received: 10/10/25 09:19

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			10/16/25 12:42	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			10/16/25 12:42	1
Trichlorofluoromethane	<0.000560	U	0.00100	0.000560	mg/L			10/16/25 12:42	1
1,2,3-Trichloropropane	<0.000470	U	0.00100	0.000470	mg/L			10/16/25 12:42	1
1,2,4-Trimethylbenzene	<0.000417	U	0.00100	0.000417	mg/L			10/16/25 12:42	1
1,3,5-Trimethylbenzene	<0.000411	U	0.00100	0.000411	mg/L			10/16/25 12:42	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			10/16/25 12:42	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			10/16/25 12:42	1
Carbon disulfide	<0.00165	U	0.00500	0.00165	mg/L			10/16/25 12:42	1
Acetone	<0.00307	U	0.100	0.00307	mg/L			10/16/25 12:42	1
Methyl acetate	<0.00401	U	0.0200	0.00401	mg/L			10/16/25 12:42	1
4-Methyl-2-pentanone	<0.00500	U	0.0500	0.00500	mg/L			10/16/25 12:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00111	U	0.0100	0.00111	mg/L			10/16/25 12:42	1
2-Hexanone	<0.00500	U	0.0500	0.00500	mg/L			10/16/25 12:42	1
Methylcyclohexane	<0.000608	U	0.0100	0.000608	mg/L			10/16/25 12:42	1
Cyclohexane	<0.00129	U	0.00500	0.00129	mg/L			10/16/25 12:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		63 - 144		10/16/25 12:42	1
4-Bromofluorobenzene (Surr)	102		74 - 124		10/16/25 12:42	1
Dibromofluoromethane (Surr)	105		75 - 131		10/16/25 12:42	1
Toluene-d8 (Surr)	99		80 - 120		10/16/25 12:42	1

Method: TCEQ TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	<0.846	U	4.78	0.846	mg/L		10/14/25 15:27	10/15/25 06:36	1
Over C12-C28	<0.825	U	4.78	0.825	mg/L		10/14/25 15:27	10/15/25 06:36	1
Over C28-C35	<0.825	U	4.78	0.825	mg/L		10/14/25 15:27	10/15/25 06:36	1
Total Petroleum Hydrocarbons (C6-C35)	<0.846	U	4.78	0.846	mg/L			10/15/25 06:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	84		70 - 130	10/14/25 15:27	10/15/25 06:36	1
o-Terphenyl (Surr)	93		70 - 130	10/14/25 15:27	10/15/25 06:36	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00264	J	0.00400	0.000690	mg/L		10/14/25 09:00	10/14/25 21:46	1
Barium	0.0344		0.00400	0.00134	mg/L		10/14/25 09:00	10/14/25 21:46	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		10/14/25 09:00	10/14/25 21:46	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/14/25 09:00	10/14/25 21:46	1
Lead	0.000422	J	0.00200	0.000367	mg/L		10/14/25 09:00	10/14/25 21:46	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		10/14/25 09:00	10/14/25 21:46	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		10/14/25 09:00	10/14/25 21:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		10/14/25 14:02	10/14/25 21:09	1

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Surrogate Summary

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	BFB	DBFM	TOL
		(56-150)	(68-152)	(53-142)	(70-130)
860-113834-A-3-B MS	Matrix Spike	113	97	94	99
860-113841-1	SB-1 5-8'	113	91	105	98
860-113841-2	SB-2 1-5'	119	92	109	96
860-113841-3	SB-2 13-15'	111	93	109	97
860-113841-4	SB-3 5-8'	112	92	108	97
860-113841-5	SB-4 3-5'	115	95	112	95
860-113841-6	SB-4 10-12'	115	92	109	96
860-113841-7	SB-5 1-5'	124	95	111	94
LCS 860-268311/3	Lab Control Sample	107	103	101	99
LCSD 860-268311/4	Lab Control Sample Dup	107	99	100	102
MB 860-268311/8	Method Blank	112	92	107	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	BFB	DBFM	TOL
		(63-144)	(74-124)	(75-131)	(80-120)
860-113841-8	TMW-1	108	100	105	98
860-113841-9	TMW-3	110	104	105	98
860-113841-10	TMW-5	111	102	105	99
870-40472-C-3 MS	Matrix Spike	99	103	100	101
LCS 860-268883/4	Lab Control Sample	98	100	100	99
LCSD 860-268883/5	Lab Control Sample Dup	98	101	99	101
MB 860-268883/10	Method Blank	109	104	105	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO	OTPH
		(70-130)	(70-130)
860-113841-1	SB-1 5-8'	79	79
860-113841-2	SB-2 1-5'	92	98
860-113841-3	SB-2 13-15'	77	79
860-113841-4	SB-3 5-8'	76	81
860-113841-5	SB-4 3-5'	74	76
860-113841-6	SB-4 10-12'	74	75
860-113841-7	SB-5 1-5'	70	75

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Surrogate Summary

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO (70-130)	OTPH (70-130)
LCS 860-268719/2-A	Lab Control Sample	76	81
LCSD 860-268719/3-A	Lab Control Sample Dup	80	84
MB 860-268719/1-A	Method Blank	82	89

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO (70-130)	OTPH (70-130)
860-113841-8	TMW-1	86	94
860-113841-9	TMW-3	83	91
860-113841-10	TMW-5	84	93
LCS 860-268476/2-A	Lab Control Sample	105	121
LCSD 860-268476/3-A	Lab Control Sample Dup	105	113
MB 860-268476/1-A	Method Blank	79	84

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-268311/8

Matrix: Solid

Analysis Batch: 268311

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg			10/14/25 11:33	1
Bromobenzene	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
Bromochloromethane	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
Bromodichloromethane	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
Bromoform	<0.00221	U	0.00500	0.00221	mg/Kg			10/14/25 11:33	1
Bromomethane	<0.000929	U	0.00500	0.000929	mg/Kg			10/14/25 11:33	1
2-Butanone	<0.00517	U	0.0500	0.00517	mg/Kg			10/14/25 11:33	1
Carbon tetrachloride	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
Chlorobenzene	<0.000623	U	0.00500	0.000623	mg/Kg			10/14/25 11:33	1
Chloroethane	<0.00159	U	0.0100	0.00159	mg/Kg			10/14/25 11:33	1
Chloroform	<0.000525	U	0.00500	0.000525	mg/Kg			10/14/25 11:33	1
Chloromethane	<0.000938	U	0.00500	0.000938	mg/Kg			10/14/25 11:33	1
4-Chlorotoluene	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
cis-1,2-Dichloroethene	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
cis-1,3-Dichloropropene	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
Dibromochloromethane	<0.00170	U	0.00500	0.00170	mg/Kg			10/14/25 11:33	1
1,2-Dibromo-3-Chloropropane	<0.00249	U	0.00500	0.00249	mg/Kg			10/14/25 11:33	1
1,2-Dibromoethane	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
1,2-Dichlorobenzene	<0.00145	U	0.00500	0.00145	mg/Kg			10/14/25 11:33	1
1,3-Dichlorobenzene	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
1,4-Dichlorobenzene	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
Dichlorodifluoromethane	<0.00191	U	0.00500	0.00191	mg/Kg			10/14/25 11:33	1
1,1-Dichloroethane	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
1,2-Dichloroethane	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
1,1-Dichloroethene	<0.000573	U	0.00500	0.000573	mg/Kg			10/14/25 11:33	1
1,2-Dichloropropane	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
1,3-Dichloropropane	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
2,2-Dichloropropane	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
1,1-Dichloropropene	<0.000515	U	0.00500	0.000515	mg/Kg			10/14/25 11:33	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg			10/14/25 11:33	1
Hexachlorobutadiene	<0.000695	U	0.00500	0.000695	mg/Kg			10/14/25 11:33	1
Isopropylbenzene	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
Methylene Chloride	<0.00842	U	0.0200	0.00842	mg/Kg			10/14/25 11:33	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg			10/14/25 11:33	1
MTBE	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
Naphthalene	<0.00200	U	0.0100	0.00200	mg/Kg			10/14/25 11:33	1
n-Butylbenzene	<0.000550	U	0.00500	0.000550	mg/Kg			10/14/25 11:33	1
N-Propylbenzene	<0.000992	U	0.00500	0.000992	mg/Kg			10/14/25 11:33	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg			10/14/25 11:33	1
p-Cymene (p-Isopropyltoluene)	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
sec-Butylbenzene	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
Styrene	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
tert-Butylbenzene	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
1,1,1,2-Tetrachloroethane	<0.000586	U	0.00500	0.000586	mg/Kg			10/14/25 11:33	1
1,1,2,2-Tetrachloroethane	<0.000353	U	0.00500	0.000353	mg/Kg			10/14/25 11:33	1
Tetrachloroethene	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg			10/14/25 11:33	1
trans-1,2-Dichloroethene	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1

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QC Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-268311/8

Matrix: Solid

Analysis Batch: 268311

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.00167	U	0.00500	0.00167	mg/Kg			10/14/25 11:33	1
1,2,3-Trichlorobenzene	<0.00136	U	0.00500	0.00136	mg/Kg			10/14/25 11:33	1
1,2,4-Trichlorobenzene	<0.00101	U	0.00500	0.00101	mg/Kg			10/14/25 11:33	1
1,1,1-Trichloroethane	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
1,1,2-Trichloroethane	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
Trichloroethene	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
Trichlorofluoromethane	<0.00178	U	0.00500	0.00178	mg/Kg			10/14/25 11:33	1
1,2,3-Trichloropropane	<0.000581	U	0.00500	0.000581	mg/Kg			10/14/25 11:33	1
1,2,4-Trimethylbenzene	<0.00157	U	0.00500	0.00157	mg/Kg			10/14/25 11:33	1
1,3,5-Trimethylbenzene	<0.00100	U	0.00500	0.00100	mg/Kg			10/14/25 11:33	1
Vinyl chloride	<0.000624	U	0.00500	0.000624	mg/Kg			10/14/25 11:33	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg			10/14/25 11:33	1
Carbon disulfide	<0.000568	U	0.00500	0.000568	mg/Kg			10/14/25 11:33	1
Acetone	<0.0154	U	0.100	0.0154	mg/Kg			10/14/25 11:33	1
Methyl acetate	<0.00324	U	0.0500	0.00324	mg/Kg			10/14/25 11:33	1
4-Methyl-2-pentanone	<0.00533	U	0.0500	0.00533	mg/Kg			10/14/25 11:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00167	U	0.0100	0.00167	mg/Kg			10/14/25 11:33	1
2-Hexanone	<0.00759	U	0.0500	0.00759	mg/Kg			10/14/25 11:33	1
Methylcyclohexane	<0.00149	U	0.0100	0.00149	mg/Kg			10/14/25 11:33	1
Cyclohexane	<0.00180	U	0.00500	0.00180	mg/Kg			10/14/25 11:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		56 - 150		10/14/25 11:33	1
4-Bromofluorobenzene (Surr)	92		68 - 152		10/14/25 11:33	1
Dibromofluoromethane (Surr)	107		53 - 142		10/14/25 11:33	1
Toluene-d8 (Surr)	96		70 - 130		10/14/25 11:33	1

Lab Sample ID: LCS 860-268311/3

Matrix: Solid

Analysis Batch: 268311

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04717		mg/Kg		94	66 - 130
Bromobenzene	0.0500	0.05041		mg/Kg		101	70 - 130
Bromochloromethane	0.0500	0.04866		mg/Kg		97	70 - 130
Bromodichloromethane	0.0500	0.05193		mg/Kg		104	70 - 130
Bromoform	0.0500	0.05119		mg/Kg		102	70 - 136
Bromomethane	0.0500	0.05871		mg/Kg		117	60 - 140
2-Butanone	0.250	0.2490		mg/Kg		100	68 - 134
Carbon tetrachloride	0.0500	0.05297		mg/Kg		106	63 - 135
Chlorobenzene	0.0500	0.04770		mg/Kg		95	70 - 130
Chloroethane	0.0500	0.05124		mg/Kg		102	57 - 150
Chloroform	0.0500	0.04879		mg/Kg		98	70 - 130
Chloromethane	0.0500	0.05393		mg/Kg		108	58 - 145
4-Chlorotoluene	0.0500	0.05415		mg/Kg		108	70 - 130
cis-1,2-Dichloroethene	0.0500	0.04977		mg/Kg		100	70 - 131
cis-1,3-Dichloropropene	0.0500	0.04931		mg/Kg		99	70 - 135
Dibromochloromethane	0.0500	0.05260		mg/Kg		105	70 - 130

Eurofins Houston

QC Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-268311/3

Matrix: Solid

Analysis Batch: 268311

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0500	0.04664		mg/Kg		93	67 - 138
1,2-Dibromoethane	0.0500	0.04630		mg/Kg		93	70 - 130
1,2-Dichlorobenzene	0.0500	0.05181		mg/Kg		104	70 - 130
1,3-Dichlorobenzene	0.0500	0.05052		mg/Kg		101	70 - 130
1,4-Dichlorobenzene	0.0500	0.04921		mg/Kg		98	70 - 130
Dichlorodifluoromethane	0.0500	0.05012		mg/Kg		100	40 - 150
1,1-Dichloroethane	0.0500	0.04886		mg/Kg		98	67 - 130
1,2-Dichloroethane	0.0500	0.04821		mg/Kg		96	70 - 130
1,1-Dichloroethene	0.0500	0.05027		mg/Kg		101	57 - 130
1,2-Dichloropropane	0.0500	0.05138		mg/Kg		103	70 - 130
1,3-Dichloropropane	0.0500	0.05020		mg/Kg		100	70 - 131
2,2-Dichloropropane	0.0500	0.05582		mg/Kg		112	67 - 137
1,1-Dichloropropene	0.0500	0.05362		mg/Kg		107	70 - 130
Ethylbenzene	0.0500	0.04981		mg/Kg		100	70 - 130
Hexachlorobutadiene	0.0500	0.05592		mg/Kg		112	70 - 146
Isopropylbenzene	0.0500	0.05247		mg/Kg		105	70 - 131
Methylene Chloride	0.0500	0.04977		mg/Kg		100	57 - 134
m,p-Xylenes	0.0500	0.04985		mg/Kg		100	70 - 130
MTBE	0.0500	0.05309		mg/Kg		106	64 - 130
Naphthalene	0.0500	0.05200		mg/Kg		104	70 - 150
n-Butylbenzene	0.0500	0.05916		mg/Kg		118	82 - 130
N-Propylbenzene	0.0500	0.05492		mg/Kg		110	70 - 131
o-Xylene	0.0500	0.04946		mg/Kg		99	70 - 130
p-Cymene (p-Isopropyltoluene)	0.0500	0.05472		mg/Kg		109	70 - 130
sec-Butylbenzene	0.0500	0.05634		mg/Kg		113	70 - 131
Styrene	0.0500	0.05342		mg/Kg		107	70 - 130
tert-Butylbenzene	0.0500	0.05600		mg/Kg		112	70 - 132
1,1,1,2-Tetrachloroethane	0.0500	0.05272		mg/Kg		105	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04988		mg/Kg		100	70 - 133
Tetrachloroethene	0.0500	0.04751		mg/Kg		95	70 - 130
Toluene	0.0500	0.04518		mg/Kg		90	70 - 130
trans-1,2-Dichloroethene	0.0500	0.05040		mg/Kg		101	63 - 130
trans-1,3-Dichloropropene	0.0500	0.04859		mg/Kg		97	73 - 130
1,2,3-Trichlorobenzene	0.0500	0.05580		mg/Kg		112	70 - 144
1,2,4-Trichlorobenzene	0.0500	0.05601		mg/Kg		112	70 - 130
1,1,1-Trichloroethane	0.0500	0.05377		mg/Kg		108	70 - 130
1,1,2-Trichloroethane	0.0500	0.05058		mg/Kg		101	70 - 131
Trichloroethene	0.0500	0.05025		mg/Kg		101	70 - 130
Trichlorofluoromethane	0.0500	0.06093		mg/Kg		122	70 - 148
1,2,3-Trichloropropane	0.0500	0.05077		mg/Kg		102	70 - 131
1,2,4-Trimethylbenzene	0.0500	0.05320		mg/Kg		106	70 - 130
1,3,5-Trimethylbenzene	0.0500	0.05367		mg/Kg		107	70 - 130
Vinyl chloride	0.0500	0.05711		mg/Kg		114	60 - 149
Carbon disulfide	0.0500	0.04021		mg/Kg		80	65 - 135
Acetone	0.250	0.2438		mg/Kg		98	50 - 150
Methyl acetate	0.100	0.07754		mg/Kg		78	58 - 135
4-Methyl-2-pentanone	0.250	0.2633		mg/Kg		105	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05439		mg/Kg		109	65 - 135

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QC Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-268311/3

Matrix: Solid

Analysis Batch: 268311

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	0.250	0.2555		mg/Kg		102	75 - 130
Methylcyclohexane	0.0500	0.05095		mg/Kg		102	65 - 135
Cyclohexane	0.0500	0.04668		mg/Kg		93	63 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		56 - 150
4-Bromofluorobenzene (Surr)	103		68 - 152
Dibromofluoromethane (Surr)	101		53 - 142
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: LCSD 860-268311/4

Matrix: Solid

Analysis Batch: 268311

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04282		mg/Kg		86	66 - 130	10	25
Bromobenzene	0.0500	0.04410		mg/Kg		88	70 - 130	13	25
Bromochloromethane	0.0500	0.04416		mg/Kg		88	70 - 130	10	25
Bromodichloromethane	0.0500	0.04692		mg/Kg		94	70 - 130	10	25
Bromoform	0.0500	0.04795		mg/Kg		96	70 - 136	7	25
Bromomethane	0.0500	0.04044	*1	mg/Kg		81	60 - 140	37	25
2-Butanone	0.250	0.2283		mg/Kg		91	68 - 134	9	25
Carbon tetrachloride	0.0500	0.04713		mg/Kg		94	63 - 135	12	25
Chlorobenzene	0.0500	0.04449		mg/Kg		89	70 - 130	7	25
Chloroethane	0.0500	0.05298		mg/Kg		106	57 - 150	3	25
Chloroform	0.0500	0.04408		mg/Kg		88	70 - 130	10	25
Chloromethane	0.0500	0.05738		mg/Kg		115	58 - 145	6	25
4-Chlorotoluene	0.0500	0.04826		mg/Kg		97	70 - 130	11	25
cis-1,2-Dichloroethene	0.0500	0.04572		mg/Kg		91	70 - 131	8	25
cis-1,3-Dichloropropene	0.0500	0.04529		mg/Kg		91	70 - 135	9	25
Dibromochloromethane	0.0500	0.04859		mg/Kg		97	70 - 130	8	25
1,2-Dibromo-3-Chloropropane	0.0500	0.04228		mg/Kg		85	67 - 138	10	25
1,2-Dibromoethane	0.0500	0.04300		mg/Kg		86	70 - 130	7	25
1,2-Dichlorobenzene	0.0500	0.04571		mg/Kg		91	70 - 130	13	25
1,3-Dichlorobenzene	0.0500	0.04436		mg/Kg		89	70 - 130	13	25
1,4-Dichlorobenzene	0.0500	0.04308		mg/Kg		86	70 - 130	13	25
Dichlorodifluoromethane	0.0500	0.05381		mg/Kg		108	40 - 150	7	25
1,1-Dichloroethane	0.0500	0.04408		mg/Kg		88	67 - 130	10	25
1,2-Dichloroethane	0.0500	0.04421		mg/Kg		88	70 - 130	9	25
1,1-Dichloroethene	0.0500	0.04495		mg/Kg		90	57 - 130	11	25
1,2-Dichloropropane	0.0500	0.04669		mg/Kg		93	70 - 130	10	25
1,3-Dichloropropane	0.0500	0.04669		mg/Kg		93	70 - 131	7	25
2,2-Dichloropropane	0.0500	0.05048		mg/Kg		101	67 - 137	10	25
1,1-Dichloropropene	0.0500	0.04813		mg/Kg		96	70 - 130	11	25
Ethylbenzene	0.0500	0.04613		mg/Kg		92	70 - 130	8	25
Hexachlorobutadiene	0.0500	0.04817		mg/Kg		96	70 - 146	15	25
Isopropylbenzene	0.0500	0.04846		mg/Kg		97	70 - 131	8	25
Methylene Chloride	0.0500	0.04524		mg/Kg		90	57 - 134	10	25

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QC Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-268311/4

Matrix: Solid

Analysis Batch: 268311

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	0.0500	0.04613		mg/Kg		92	70 - 130	8	25
MTBE	0.0500	0.04871		mg/Kg		97	64 - 130	9	25
Naphthalene	0.0500	0.04669		mg/Kg		93	70 - 150	11	25
n-Butylbenzene	0.0500	0.05122		mg/Kg		102	82 - 130	14	25
N-Propylbenzene	0.0500	0.04811		mg/Kg		96	70 - 131	13	25
o-Xylene	0.0500	0.04595		mg/Kg		92	70 - 130	7	25
p-Cymene (p-Isopropyltoluene)	0.0500	0.04795		mg/Kg		96	70 - 130	13	25
sec-Butylbenzene	0.0500	0.04910		mg/Kg		98	70 - 131	14	25
Styrene	0.0500	0.04910		mg/Kg		98	70 - 130	8	25
tert-Butylbenzene	0.0500	0.04892		mg/Kg		98	70 - 132	13	25
1,1,1,2-Tetrachloroethane	0.0500	0.04794		mg/Kg		96	70 - 130	10	25
1,1,2,2-Tetrachloroethane	0.0500	0.04424		mg/Kg		88	70 - 133	12	25
Tetrachloroethene	0.0500	0.04394		mg/Kg		88	70 - 130	8	25
Toluene	0.0500	0.04134		mg/Kg		83	70 - 130	9	25
trans-1,2-Dichloroethene	0.0500	0.04572		mg/Kg		91	63 - 130	10	25
trans-1,3-Dichloropropene	0.0500	0.04558		mg/Kg		91	73 - 130	6	25
1,2,3-Trichlorobenzene	0.0500	0.04932		mg/Kg		99	70 - 144	12	25
1,2,4-Trichlorobenzene	0.0500	0.04978		mg/Kg		100	70 - 130	12	25
1,1,1-Trichloroethane	0.0500	0.04888		mg/Kg		98	70 - 130	10	25
1,1,2-Trichloroethane	0.0500	0.04710		mg/Kg		94	70 - 131	7	25
Trichloroethene	0.0500	0.04561		mg/Kg		91	70 - 130	10	25
Trichlorofluoromethane	0.0500	0.06375		mg/Kg		127	70 - 148	5	25
1,2,3-Trichloropropane	0.0500	0.04462		mg/Kg		89	70 - 131	13	25
1,2,4-Trimethylbenzene	0.0500	0.04715		mg/Kg		94	70 - 130	12	25
1,3,5-Trimethylbenzene	0.0500	0.04762		mg/Kg		95	70 - 130	12	25
Vinyl chloride	0.0500	0.05952		mg/Kg		119	60 - 149	4	25
Carbon disulfide	0.0500	0.03583		mg/Kg		72	65 - 135	12	25
Acetone	0.250	0.1811	*1	mg/Kg		72	50 - 150	30	25
Methyl acetate	0.100	0.07774		mg/Kg		78	58 - 135	0	25
4-Methyl-2-pentanone	0.250	0.2461		mg/Kg		98	60 - 140	7	25
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.04788		mg/Kg		96	65 - 135	13	25
2-Hexanone	0.250	0.2400		mg/Kg		96	75 - 130	6	25
Methylcyclohexane	0.0500	0.04576		mg/Kg		92	65 - 135	11	25
Cyclohexane	0.0500	0.04262		mg/Kg		85	63 - 130	9	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		56 - 150
4-Bromofluorobenzene (Surr)	99		68 - 152
Dibromofluoromethane (Surr)	100		53 - 142
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: 860-113834-A-3-B MS

Matrix: Solid

Analysis Batch: 268311

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 268469

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.161	U	21.1	20.61		mg/Kg	⚠	98	66 - 130
Bromobenzene	<0.422	U	21.1	20.55		mg/Kg	⚠	97	70 - 130

Eurofins Houston

QC Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-113834-A-3-B MS

Matrix: Solid

Analysis Batch: 268311

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 268469

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	<0.422	U	21.1	20.98		mg/Kg	✱	99	70 - 130
Bromodichloromethane	<0.422	U	21.1	21.41		mg/Kg	✱	101	70 - 130
Bromoform	<0.933	U	21.1	20.70		mg/Kg	✱	98	70 - 136
Bromomethane	<0.392	U F1 *1	21.1	5.193	F1	mg/Kg	✱	25	60 - 140
2-Butanone	<2.18	U	106	116.4		mg/Kg	✱	110	68 - 134
Carbon tetrachloride	<0.422	U	21.1	18.56		mg/Kg	✱	88	63 - 135
Chlorobenzene	<0.263	U	21.1	20.91		mg/Kg	✱	99	70 - 130
Chloroethane	<0.673	U F1	21.1	3.511	J F1	mg/Kg	✱	17	57 - 150
Chloroform	<0.221	U	21.1	20.16		mg/Kg	✱	96	70 - 130
Chloromethane	<0.396	U	21.1	20.42		mg/Kg	✱	97	58 - 145
4-Chlorotoluene	<0.422	U	21.1	21.05		mg/Kg	✱	100	70 - 130
cis-1,2-Dichloroethene	<0.422	U	21.1	20.60		mg/Kg	✱	98	70 - 131
cis-1,3-Dichloropropene	<0.422	U	21.1	22.08		mg/Kg	✱	105	70 - 135
Dibromochloromethane	<0.717	U	21.1	21.71		mg/Kg	✱	103	70 - 130
1,2-Dibromo-3-Chloropropane	<1.05	U	21.1	17.86		mg/Kg	✱	85	67 - 138
1,2-Dibromoethane	<0.422	U	21.1	21.09		mg/Kg	✱	100	70 - 130
1,2-Dichlorobenzene	<0.613	U	21.1	21.30		mg/Kg	✱	101	70 - 130
1,3-Dichlorobenzene	<0.422	U	21.1	20.20		mg/Kg	✱	96	70 - 130
1,4-Dichlorobenzene	<0.422	U	21.1	19.89		mg/Kg	✱	94	70 - 130
Dichlorodifluoromethane	<0.808	U	21.1	17.22		mg/Kg	✱	82	40 - 150
1,1-Dichloroethane	<0.422	U	21.1	20.12		mg/Kg	✱	95	67 - 130
1,2-Dichloroethane	<0.422	U	21.1	21.84		mg/Kg	✱	103	70 - 130
1,1-Dichloroethene	<0.242	U	21.1	14.01		mg/Kg	✱	66	57 - 130
1,2-Dichloropropane	<0.422	U	21.1	22.95		mg/Kg	✱	109	70 - 130
1,3-Dichloropropane	<0.422	U	21.1	23.13		mg/Kg	✱	110	70 - 131
2,2-Dichloropropane	<0.422	U	21.1	20.89		mg/Kg	✱	99	67 - 137
1,1-Dichloropropene	<0.217	U	21.1	20.53		mg/Kg	✱	97	70 - 130
Ethylbenzene	<0.128	U	21.1	21.01		mg/Kg	✱	100	70 - 130
Hexachlorobutadiene	<0.293	U	21.1	19.59		mg/Kg	✱	93	70 - 146
Isopropylbenzene	<0.422	U	21.1	21.66		mg/Kg	✱	103	70 - 131
Methylene Chloride	<3.55	U	21.1	21.66		mg/Kg	✱	103	57 - 134
m,p-Xylenes	<0.183	U	21.1	20.83		mg/Kg	✱	99	70 - 130
MTBE	<0.422	U	21.1	23.51		mg/Kg	✱	111	64 - 130
Naphthalene	<0.844	U	21.1	18.77		mg/Kg	✱	89	70 - 150
n-Butylbenzene	<0.232	U	21.1	21.46		mg/Kg	✱	102	82 - 130
N-Propylbenzene	<0.419	U	21.1	20.58		mg/Kg	✱	98	70 - 131
o-Xylene	<0.133	U	21.1	21.29		mg/Kg	✱	101	70 - 130
p-Cymene (p-Isopropyltoluene)	<0.422	U	21.1	20.57		mg/Kg	✱	97	70 - 130
sec-Butylbenzene	<0.422	U	21.1	21.05		mg/Kg	✱	100	70 - 131
Styrene	<0.422	U	21.1	23.38		mg/Kg	✱	111	70 - 130
tert-Butylbenzene	<0.422	U	21.1	21.10		mg/Kg	✱	100	70 - 132
1,1,1,2-Tetrachloroethane	<0.247	U	21.1	22.18		mg/Kg	✱	105	70 - 130
1,1,2,2-Tetrachloroethane	<0.149	U	21.1	20.92		mg/Kg	✱	99	70 - 133
Tetrachloroethene	<0.422	U	21.1	19.37		mg/Kg	✱	92	70 - 130
Toluene	<0.511	U	21.1	19.36		mg/Kg	✱	92	70 - 130
trans-1,2-Dichloroethene	<0.422	U	21.1	16.16		mg/Kg	✱	77	63 - 130
trans-1,3-Dichloropropene	<0.703	U	21.1	21.41		mg/Kg	✱	101	73 - 130
1,2,3-Trichlorobenzene	<0.572	U	21.1	19.36		mg/Kg	✱	92	70 - 144
1,2,4-Trichlorobenzene	<0.425	U	21.1	20.37		mg/Kg	✱	96	70 - 130

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QC Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-113834-A-3-B MS

Matrix: Solid

Analysis Batch: 268311

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 268469

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	<0.422	U	21.1	20.42		mg/Kg	✱	97	70 - 130
1,1,2-Trichloroethane	<0.422	U	21.1	23.28		mg/Kg	✱	110	70 - 131
Trichloroethene	<0.422	U	21.1	21.35		mg/Kg	✱	101	70 - 130
Trichlorofluoromethane	<0.753	U F1	21.1	1.940	J F1	mg/Kg	✱	9	70 - 148
1,2,3-Trichloropropane	<0.245	U	21.1	21.53		mg/Kg	✱	102	70 - 131
1,2,4-Trimethylbenzene	<0.664	U	21.1	20.77		mg/Kg	✱	98	70 - 130
1,3,5-Trimethylbenzene	<0.422	U	21.1	20.71		mg/Kg	✱	98	70 - 130
Vinyl chloride	<0.263	U	21.1	22.72		mg/Kg	✱	108	60 - 149
Carbon disulfide	<0.240	U F1	21.1	13.08	F1	mg/Kg	✱	62	65 - 135
Acetone	<6.50	U *1	106	59.54		mg/Kg	✱	56	50 - 150
Methyl acetate	<1.37	U	42.2	53.68		mg/Kg	✱	127	58 - 135
4-Methyl-2-pentanone	<2.25	U	106	127.4		mg/Kg	✱	121	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.704	U	21.1	14.13		mg/Kg	✱	67	65 - 135
2-Hexanone	<3.20	U	106	125.7		mg/Kg	✱	119	75 - 130
Methylcyclohexane	<0.630	U	21.1	20.38		mg/Kg	✱	97	65 - 135
Cyclohexane	<0.760	U	21.1	17.66		mg/Kg	✱	84	63 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	113		56 - 150
4-Bromofluorobenzene (Surr)	97		68 - 152
Dibromofluoromethane (Surr)	94		53 - 142
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: MB 860-268883/10

Matrix: Water

Analysis Batch: 268883

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000460	U	0.00100	0.000460	mg/L			10/16/25 11:20	1
Bromobenzene	<0.000486	U	0.00100	0.000486	mg/L			10/16/25 11:20	1
Bromochloromethane	<0.000577	U	0.00100	0.000577	mg/L			10/16/25 11:20	1
Bromodichloromethane	<0.000552	U	0.00100	0.000552	mg/L			10/16/25 11:20	1
Bromoform	<0.000633	U	0.00500	0.000633	mg/L			10/16/25 11:20	1
Bromomethane	<0.00142	U	0.00500	0.00142	mg/L			10/16/25 11:20	1
2-Butanone	<0.00828	U	0.0500	0.00828	mg/L			10/16/25 11:20	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			10/16/25 11:20	1
Chlorobenzene	<0.000455	U	0.00100	0.000455	mg/L			10/16/25 11:20	1
Chloroethane	<0.00198	U	0.0100	0.00198	mg/L			10/16/25 11:20	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			10/16/25 11:20	1
Chloromethane	<0.00204	U	0.0100	0.00204	mg/L			10/16/25 11:20	1
4-Chlorotoluene	<0.000386	U	0.00100	0.000386	mg/L			10/16/25 11:20	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			10/16/25 11:20	1
cis-1,3-Dichloropropene	<0.00107	U	0.00500	0.00107	mg/L			10/16/25 11:20	1
Dibromochloromethane	<0.000547	U	0.00500	0.000547	mg/L			10/16/25 11:20	1
1,2-Dibromo-3-Chloropropane	<0.000671	U	0.00500	0.000671	mg/L			10/16/25 11:20	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			10/16/25 11:20	1
1,2-Dichlorobenzene	<0.000429	U	0.00100	0.000429	mg/L			10/16/25 11:20	1
1,3-Dichlorobenzene	<0.000413	U	0.00100	0.000413	mg/L			10/16/25 11:20	1

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QC Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-268883/10

Matrix: Water

Analysis Batch: 268883

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.000449	U	0.00100	0.000449	mg/L			10/16/25 11:20	1
Dichlorodifluoromethane	<0.000785	U	0.00100	0.000785	mg/L			10/16/25 11:20	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			10/16/25 11:20	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			10/16/25 11:20	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			10/16/25 11:20	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			10/16/25 11:20	1
1,3-Dichloropropane	<0.000514	U	0.00500	0.000514	mg/L			10/16/25 11:20	1
2,2-Dichloropropane	<0.000679	U	0.00500	0.000679	mg/L			10/16/25 11:20	1
1,1-Dichloropropene	<0.000624	U	0.00500	0.000624	mg/L			10/16/25 11:20	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			10/16/25 11:20	1
Hexachlorobutadiene	<0.000627	U	0.00500	0.000627	mg/L			10/16/25 11:20	1
Isopropylbenzene	<0.000592	U	0.00100	0.000592	mg/L			10/16/25 11:20	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			10/16/25 11:20	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			10/16/25 11:20	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			10/16/25 11:20	1
Naphthalene	<0.00135	U	0.0100	0.00135	mg/L			10/16/25 11:20	1
n-Butylbenzene	<0.000510	U	0.00100	0.000510	mg/L			10/16/25 11:20	1
N-Propylbenzene	<0.000429	U	0.00100	0.000429	mg/L			10/16/25 11:20	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			10/16/25 11:20	1
p-Cymene (p-Isopropyltoluene)	<0.000676	U	0.00100	0.000676	mg/L			10/16/25 11:20	1
sec-Butylbenzene	<0.000468	U	0.00100	0.000468	mg/L			10/16/25 11:20	1
Styrene	<0.000619	U	0.00100	0.000619	mg/L			10/16/25 11:20	1
tert-Butylbenzene	<0.000442	U	0.00100	0.000442	mg/L			10/16/25 11:20	1
1,1,1,2-Tetrachloroethane	<0.000644	U	0.00100	0.000644	mg/L			10/16/25 11:20	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			10/16/25 11:20	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			10/16/25 11:20	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			10/16/25 11:20	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			10/16/25 11:20	1
trans-1,3-Dichloropropene	<0.00127	U	0.00500	0.00127	mg/L			10/16/25 11:20	1
1,2,3-Trichlorobenzene	<0.00177	U	0.00500	0.00177	mg/L			10/16/25 11:20	1
1,2,4-Trichlorobenzene	<0.00175	U	0.00500	0.00175	mg/L			10/16/25 11:20	1
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			10/16/25 11:20	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			10/16/25 11:20	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			10/16/25 11:20	1
Trichlorofluoromethane	<0.000560	U	0.00100	0.000560	mg/L			10/16/25 11:20	1
1,2,3-Trichloropropane	<0.000470	U	0.00100	0.000470	mg/L			10/16/25 11:20	1
1,2,4-Trimethylbenzene	<0.000417	U	0.00100	0.000417	mg/L			10/16/25 11:20	1
1,3,5-Trimethylbenzene	<0.000411	U	0.00100	0.000411	mg/L			10/16/25 11:20	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			10/16/25 11:20	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			10/16/25 11:20	1
Carbon disulfide	<0.00165	U	0.00500	0.00165	mg/L			10/16/25 11:20	1
Acetone	<0.00307	U	0.100	0.00307	mg/L			10/16/25 11:20	1
Methyl acetate	<0.00401	U	0.0200	0.00401	mg/L			10/16/25 11:20	1
4-Methyl-2-pentanone	<0.00500	U	0.0500	0.00500	mg/L			10/16/25 11:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00111	U	0.0100	0.00111	mg/L			10/16/25 11:20	1
2-Hexanone	<0.00500	U	0.0500	0.00500	mg/L			10/16/25 11:20	1
Methylcyclohexane	<0.000608	U	0.0100	0.000608	mg/L			10/16/25 11:20	1
Cyclohexane	<0.00129	U	0.00500	0.00129	mg/L			10/16/25 11:20	1

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QC Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-268883/10

Matrix: Water

Analysis Batch: 268883

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		63 - 144		10/16/25 11:20	1
4-Bromofluorobenzene (Surr)	104		74 - 124		10/16/25 11:20	1
Dibromofluoromethane (Surr)	105		75 - 131		10/16/25 11:20	1
Toluene-d8 (Surr)	99		80 - 120		10/16/25 11:20	1

Lab Sample ID: LCS 860-268883/4

Matrix: Water

Analysis Batch: 268883

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.05089		mg/L		102	70 - 130
Bromobenzene	0.0500	0.04862		mg/L		97	70 - 130
Bromochloromethane	0.0500	0.05109		mg/L		102	70 - 130
Bromodichloromethane	0.0500	0.05013		mg/L		100	65 - 135
Bromoform	0.0500	0.04712		mg/L		94	70 - 130
Bromomethane	0.0500	0.04272		mg/L		85	49 - 140
2-Butanone	0.250	0.2545		mg/L		102	67 - 140
Carbon tetrachloride	0.0500	0.05324		mg/L		106	70 - 130
Chlorobenzene	0.0500	0.05057		mg/L		101	65 - 135
Chloroethane	0.0500	0.04845		mg/L		97	60 - 140
Chloroform	0.0500	0.05066		mg/L		101	70 - 130
Chloromethane	0.0500	0.04806		mg/L		96	60 - 140
4-Chlorotoluene	0.0500	0.05064		mg/L		101	70 - 130
cis-1,2-Dichloroethene	0.0500	0.05152		mg/L		103	70 - 130
cis-1,3-Dichloropropene	0.0500	0.05096		mg/L		102	70 - 130
Dibromochloromethane	0.0500	0.04908		mg/L		98	70 - 130
1,2-Dibromo-3-Chloropropane	0.0500	0.04616		mg/L		92	59 - 130
1,2-Dibromoethane	0.0500	0.04955		mg/L		99	70 - 130
1,2-Dichlorobenzene	0.0500	0.04820		mg/L		96	70 - 130
1,3-Dichlorobenzene	0.0500	0.04869		mg/L		97	70 - 130
1,4-Dichlorobenzene	0.0500	0.04869		mg/L		97	70 - 130
Dichlorodifluoromethane	0.0500	0.04911		mg/L		98	50 - 150
1,1-Dichloroethane	0.0500	0.05117		mg/L		102	70 - 130
1,2-Dichloroethane	0.0500	0.04972		mg/L		99	70 - 130
1,1-Dichloroethene	0.0500	0.04910		mg/L		98	67 - 130
1,2-Dichloropropane	0.0500	0.05072		mg/L		101	70 - 130
1,3-Dichloropropane	0.0500	0.04957		mg/L		99	70 - 130
2,2-Dichloropropane	0.0500	0.05443		mg/L		109	70 - 130
1,1-Dichloropropene	0.0500	0.05142		mg/L		103	70 - 130
Ethylbenzene	0.0500	0.05212		mg/L		104	70 - 130
Hexachlorobutadiene	0.0500	0.04751		mg/L		95	60 - 142
Isopropylbenzene	0.0500	0.05217		mg/L		104	70 - 130
Methylene Chloride	0.0500	0.04598		mg/L		92	71 - 125
m,p-Xylenes	0.0500	0.05241		mg/L		105	70 - 130
MTBE	0.0500	0.05060		mg/L		101	70 - 135
Naphthalene	0.0500	0.04119		mg/L		82	65 - 135
n-Butylbenzene	0.0500	0.05155		mg/L		103	70 - 130
N-Propylbenzene	0.0500	0.05173		mg/L		103	70 - 130

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QC Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-268883/4

Matrix: Water

Analysis Batch: 268883

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.0500	0.05205		mg/L		104	70 - 130
p-Cymene (p-Isopropyltoluene)	0.0500	0.05212		mg/L		104	70 - 130
sec-Butylbenzene	0.0500	0.05181		mg/L		104	70 - 130
Styrene	0.0500	0.05247		mg/L		105	70 - 130
tert-Butylbenzene	0.0500	0.05086		mg/L		102	70 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.04924		mg/L		98	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04710		mg/L		94	70 - 130
Tetrachloroethene	0.0500	0.05042		mg/L		101	70 - 130
Toluene	0.0500	0.05034		mg/L		101	70 - 130
trans-1,2-Dichloroethene	0.0500	0.05077		mg/L		102	70 - 130
trans-1,3-Dichloropropene	0.0500	0.04896		mg/L		98	70 - 130
1,2,3-Trichlorobenzene	0.0500	0.04803		mg/L		96	63 - 137
1,2,4-Trichlorobenzene	0.0500	0.04757		mg/L		95	70 - 135
1,1,1-Trichloroethane	0.0500	0.05125		mg/L		102	70 - 130
1,1,2-Trichloroethane	0.0500	0.04824		mg/L		96	70 - 130
Trichloroethene	0.0500	0.05035		mg/L		101	70 - 135
Trichlorofluoromethane	0.0500	0.05248		mg/L		105	60 - 140
1,2,3-Trichloropropane	0.0500	0.04757		mg/L		95	70 - 130
1,2,4-Trimethylbenzene	0.0500	0.05278		mg/L		106	70 - 130
1,3,5-Trimethylbenzene	0.0500	0.05139		mg/L		103	70 - 130
Vinyl chloride	0.0500	0.04913		mg/L		98	60 - 140
Carbon disulfide	0.0500	0.04976		mg/L		100	60 - 130
Acetone	0.250	0.2443		mg/L		98	60 - 140
Methyl acetate	0.100	0.09426		mg/L		94	50 - 141
4-Methyl-2-pentanone	0.250	0.2564		mg/L		103	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05371		mg/L		107	60 - 140
2-Hexanone	0.250	0.2542		mg/L		102	60 - 140
Methylcyclohexane	0.0500	0.05395		mg/L		108	70 - 130
Cyclohexane	0.0500	0.05105		mg/L		102	65 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		63 - 144
4-Bromofluorobenzene (Surr)	100		74 - 124
Dibromofluoromethane (Surr)	100		75 - 131
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: LCSD 860-268883/5

Matrix: Water

Analysis Batch: 268883

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.05139		mg/L		103	70 - 130	1	25
Bromobenzene	0.0500	0.05067		mg/L		101	70 - 130	4	25
Bromochloromethane	0.0500	0.05108		mg/L		102	70 - 130	0	25
Bromodichloromethane	0.0500	0.05126		mg/L		103	65 - 135	2	25
Bromoform	0.0500	0.05036		mg/L		101	70 - 130	7	25
Bromomethane	0.0500	0.04202		mg/L		84	49 - 140	2	25
2-Butanone	0.250	0.2624		mg/L		105	67 - 140	3	25

Eurofins Houston

QC Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-268883/5

Matrix: Water

Analysis Batch: 268883

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride	0.0500	0.05307		mg/L		106	70 - 130	0	25
Chlorobenzene	0.0500	0.05152		mg/L		103	65 - 135	2	25
Chloroethane	0.0500	0.04579		mg/L		92	60 - 140	6	25
Chloroform	0.0500	0.05216		mg/L		104	70 - 130	3	25
Chloromethane	0.0500	0.04686		mg/L		94	60 - 140	3	25
4-Chlorotoluene	0.0500	0.05279		mg/L		106	70 - 130	4	25
cis-1,2-Dichloroethene	0.0500	0.05237		mg/L		105	70 - 130	2	25
cis-1,3-Dichloropropene	0.0500	0.05263		mg/L		105	70 - 130	3	25
Dibromochloromethane	0.0500	0.05016		mg/L		100	70 - 130	2	25
1,2-Dibromo-3-Chloropropane	0.0500	0.04824		mg/L		96	59 - 130	4	25
1,2-Dibromoethane	0.0500	0.05093		mg/L		102	70 - 130	3	25
1,2-Dichlorobenzene	0.0500	0.04971		mg/L		99	70 - 130	3	25
1,3-Dichlorobenzene	0.0500	0.05034		mg/L		101	70 - 130	3	25
1,4-Dichlorobenzene	0.0500	0.05035		mg/L		101	70 - 130	3	25
Dichlorodifluoromethane	0.0500	0.04706		mg/L		94	50 - 150	4	25
1,1-Dichloroethane	0.0500	0.05295		mg/L		106	70 - 130	3	25
1,2-Dichloroethane	0.0500	0.05152		mg/L		103	70 - 130	4	25
1,1-Dichloroethene	0.0500	0.05013		mg/L		100	67 - 130	2	25
1,2-Dichloropropane	0.0500	0.05078		mg/L		102	70 - 130	0	25
1,3-Dichloropropane	0.0500	0.05109		mg/L		102	70 - 130	3	25
2,2-Dichloropropane	0.0500	0.05496		mg/L		110	70 - 130	1	25
1,1-Dichloropropene	0.0500	0.05140		mg/L		103	70 - 130	0	25
Ethylbenzene	0.0500	0.05323		mg/L		106	70 - 130	2	25
Hexachlorobutadiene	0.0500	0.05038		mg/L		101	60 - 142	6	25
Isopropylbenzene	0.0500	0.05377		mg/L		108	70 - 130	3	25
Methylene Chloride	0.0500	0.04799		mg/L		96	71 - 125	4	25
m,p-Xylenes	0.0500	0.05367		mg/L		107	70 - 130	2	25
MTBE	0.0500	0.05303		mg/L		106	70 - 135	5	25
Naphthalene	0.0500	0.04426		mg/L		89	65 - 135	7	25
n-Butylbenzene	0.0500	0.05331		mg/L		107	70 - 130	3	25
N-Propylbenzene	0.0500	0.05265		mg/L		105	70 - 130	2	25
o-Xylene	0.0500	0.05350		mg/L		107	70 - 130	3	25
p-Cymene (p-Isopropyltoluene)	0.0500	0.05406		mg/L		108	70 - 130	4	25
sec-Butylbenzene	0.0500	0.05306		mg/L		106	70 - 130	2	25
Styrene	0.0500	0.05461		mg/L		109	70 - 130	4	25
tert-Butylbenzene	0.0500	0.05212		mg/L		104	70 - 130	2	25
1,1,1,2-Tetrachloroethane	0.0500	0.05147		mg/L		103	70 - 130	4	25
1,1,2,2-Tetrachloroethane	0.0500	0.04902		mg/L		98	70 - 130	4	25
Tetrachloroethene	0.0500	0.05146		mg/L		103	70 - 130	2	25
Toluene	0.0500	0.05127		mg/L		103	70 - 130	2	25
trans-1,2-Dichloroethene	0.0500	0.05273		mg/L		105	70 - 130	4	25
trans-1,3-Dichloropropene	0.0500	0.05165		mg/L		103	70 - 130	5	25
1,2,3-Trichlorobenzene	0.0500	0.05213		mg/L		104	63 - 137	8	25
1,2,4-Trichlorobenzene	0.0500	0.05083		mg/L		102	70 - 135	7	25
1,1,1-Trichloroethane	0.0500	0.05222		mg/L		104	70 - 130	2	25
1,1,2-Trichloroethane	0.0500	0.05038		mg/L		101	70 - 130	4	25
Trichloroethene	0.0500	0.05153		mg/L		103	70 - 135	2	25
Trichlorofluoromethane	0.0500	0.05031		mg/L		101	60 - 140	4	25
1,2,3-Trichloropropane	0.0500	0.04903		mg/L		98	70 - 130	3	25

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QC Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-268883/5

Matrix: Water

Analysis Batch: 268883

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trimethylbenzene	0.0500	0.05459		mg/L		109	70 - 130	3	25
1,3,5-Trimethylbenzene	0.0500	0.05376		mg/L		108	70 - 130	5	25
Vinyl chloride	0.0500	0.04860		mg/L		97	60 - 140	1	25
Carbon disulfide	0.0500	0.04985		mg/L		100	60 - 130	0	25
Acetone	0.250	0.2456		mg/L		98	60 - 140	1	25
Methyl acetate	0.100	0.09915		mg/L		99	50 - 141	5	25
4-Methyl-2-pentanone	0.250	0.2644		mg/L		106	60 - 140	3	25
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05070		mg/L		101	60 - 140	6	25
2-Hexanone	0.250	0.2683		mg/L		107	60 - 140	5	25
Methylcyclohexane	0.0500	0.05457		mg/L		109	70 - 130	1	25
Cyclohexane	0.0500	0.05160		mg/L		103	65 - 130	1	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		63 - 144
4-Bromofluorobenzene (Surr)	101		74 - 124
Dibromofluoromethane (Surr)	99		75 - 131
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: 870-40472-C-3 MS

Matrix: Water

Analysis Batch: 268883

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.000460	U	0.0500	0.05114		mg/L		102	70 - 130
Bromobenzene	<0.000486	U	0.0500	0.05264		mg/L		105	70 - 130
Bromochloromethane	<0.000577	U	0.0500	0.05160		mg/L		103	70 - 130
Bromodichloromethane	<0.000552	U	0.0500	0.05085		mg/L		102	65 - 135
Bromoform	<0.000633	U	0.0500	0.04968		mg/L		99	70 - 130
Bromomethane	<0.00142	U	0.0500	0.04151		mg/L		83	49 - 140
2-Butanone	<0.00828	U	0.250	0.2462		mg/L		98	67 - 140
Carbon tetrachloride	<0.000896	U	0.0500	0.05313		mg/L		106	70 - 130
Chlorobenzene	<0.000455	U	0.0500	0.05191		mg/L		104	65 - 135
Chloroethane	<0.00198	U	0.0500	0.04859		mg/L		97	60 - 140
Chloroform	<0.000464	U	0.0500	0.05186		mg/L		104	70 - 130
Chloromethane	<0.00204	U	0.0500	0.04654		mg/L		93	60 - 140
4-Chlorotoluene	<0.000386	U	0.0500	0.05475		mg/L		110	70 - 130
cis-1,2-Dichloroethene	<0.000457	U	0.0500	0.05301		mg/L		106	70 - 130
cis-1,3-Dichloropropene	<0.00107	U	0.0500	0.05203		mg/L		104	70 - 130
Dibromochloromethane	<0.000547	U	0.0500	0.05080		mg/L		102	70 - 130
1,2-Dibromo-3-Chloropropane	<0.000671	U	0.0500	0.05067		mg/L		101	59 - 130
1,2-Dibromoethane	<0.000999	U	0.0500	0.05060		mg/L		101	70 - 130
1,2-Dichlorobenzene	<0.000429	U	0.0500	0.05213		mg/L		104	70 - 130
1,3-Dichlorobenzene	<0.000413	U	0.0500	0.05193		mg/L		104	70 - 130
1,4-Dichlorobenzene	<0.000449	U	0.0500	0.05168		mg/L		103	70 - 130
Dichlorodifluoromethane	<0.000785	U	0.0500	0.04449		mg/L		89	50 - 150
1,1-Dichloroethane	<0.000635	U	0.0500	0.04988		mg/L		100	70 - 130
1,2-Dichloroethane	<0.000372	U	0.0500	0.05048		mg/L		101	70 - 130
1,1-Dichloroethene	<0.000738	U	0.0500	0.05069		mg/L		101	67 - 130

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QC Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 870-40472-C-3 MS

Matrix: Water

Analysis Batch: 268883

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	<0.000556	U	0.0500	0.05100		mg/L		102	70 - 130
1,3-Dichloropropane	<0.000514	U	0.0500	0.05168		mg/L		103	70 - 130
2,2-Dichloropropane	<0.000679	U	0.0500	0.05549		mg/L		111	70 - 130
1,1-Dichloropropene	<0.000624	U	0.0500	0.05223		mg/L		104	70 - 130
Ethylbenzene	<0.000385	U	0.0500	0.05381		mg/L		108	70 - 130
Hexachlorobutadiene	<0.000627	U	0.0500	0.05272		mg/L		105	60 - 142
Isopropylbenzene	<0.000592	U	0.0500	0.05441		mg/L		109	70 - 130
Methylene Chloride	<0.00173	U	0.0500	0.04630		mg/L		93	71 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.05429		mg/L		109	70 - 130
MTBE	<0.00139	U	0.0500	0.05110		mg/L		102	70 - 135
Naphthalene	<0.00135	U	0.0500	0.04559		mg/L		91	65 - 135
n-Butylbenzene	<0.000510	U	0.0500	0.05569		mg/L		111	70 - 130
N-Propylbenzene	<0.000429	U	0.0500	0.05504		mg/L		110	70 - 130
o-Xylene	<0.000502	U	0.0500	0.05399		mg/L		108	70 - 130
p-Cymene (p-Isopropyltoluene)	<0.000676	U	0.0500	0.05637		mg/L		113	70 - 130
sec-Butylbenzene	<0.000468	U	0.0500	0.05551		mg/L		111	70 - 130
Styrene	<0.000619	U	0.0500	0.05526		mg/L		111	70 - 130
tert-Butylbenzene	<0.000442	U	0.0500	0.05540		mg/L		111	70 - 130
1,1,1,2-Tetrachloroethane	<0.000644	U	0.0500	0.05216		mg/L		104	70 - 130
1,1,2,2-Tetrachloroethane	<0.000470	U	0.0500	0.05156		mg/L		103	70 - 130
Tetrachloroethene	<0.000655	U	0.0500	0.05118		mg/L		102	70 - 130
Toluene	<0.000475	U	0.0500	0.05187		mg/L		104	70 - 130
trans-1,2-Dichloroethene	<0.000368	U	0.0500	0.05210		mg/L		104	70 - 130
trans-1,3-Dichloropropene	<0.00127	U	0.0500	0.05204		mg/L		104	70 - 130
1,2,3-Trichlorobenzene	<0.00177	U	0.0500	0.05425		mg/L		108	63 - 137
1,2,4-Trichlorobenzene	<0.00175	U	0.0500	0.05301		mg/L		106	70 - 135
1,1,1-Trichloroethane	<0.000585	U	0.0500	0.05224		mg/L		104	70 - 130
1,1,2-Trichloroethane	<0.000411	U	0.0500	0.05025		mg/L		100	70 - 130
Trichloroethene	<0.00150	U	0.0500	0.04913		mg/L		98	70 - 135
Trichlorofluoromethane	<0.000560	U	0.0500	0.05134		mg/L		103	60 - 140
1,2,3-Trichloropropane	<0.000470	U	0.0500	0.05154		mg/L		103	70 - 130
1,2,4-Trimethylbenzene	<0.000417	U	0.0500	0.05711		mg/L		114	70 - 130
1,3,5-Trimethylbenzene	<0.000411	U	0.0500	0.05558		mg/L		111	70 - 130
Vinyl chloride	<0.000428	U	0.0500	0.04993		mg/L		100	60 - 140
Carbon disulfide	<0.00165	U	0.0500	0.05020		mg/L		100	60 - 130
Acetone	<0.00307	U	0.250	0.2374		mg/L		95	60 - 140
Methyl acetate	<0.00401	U	0.100	0.09176		mg/L		92	50 - 141
4-Methyl-2-pentanone	<0.00500	U	0.250	0.2555		mg/L		102	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.00111	U	0.0500	0.05127		mg/L		103	60 - 140
2-Hexanone	<0.00500	U	0.250	0.2596		mg/L		104	60 - 140
Methylcyclohexane	<0.000608	U	0.0500	0.05394		mg/L		108	70 - 130
Cyclohexane	<0.00129	U	0.0500	0.05092		mg/L		102	65 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		63 - 144
4-Bromofluorobenzene (Surr)	103		74 - 124
Dibromofluoromethane (Surr)	100		75 - 131

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QC Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 870-40472-C-3 MS

Matrix: Water

Analysis Batch: 268883

Client Sample ID: Matrix Spike

Prep Type: Total/NA

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	101		80 - 120

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Lab Sample ID: MB 860-268476/1-A

Matrix: Water

Analysis Batch: 268299

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 268476

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
C6-C12	<0.885	U	5.00	0.885	mg/L		10/14/25 15:27	10/15/25 00:11	1
Over C12-C28	<0.863	U	5.00	0.863	mg/L		10/14/25 15:27	10/15/25 00:11	1
Over C28-C35	<0.863	U	5.00	0.863	mg/L		10/14/25 15:27	10/15/25 00:11	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	79		70 - 130	10/14/25 15:27	10/15/25 00:11	1
o-Terphenyl (Surr)	84		70 - 130	10/14/25 15:27	10/15/25 00:11	1

Lab Sample ID: LCS 860-268476/2-A

Matrix: Water

Analysis Batch: 268299

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 268476

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier			Limits	Limits
C6-C12	100	94.76		mg/L		95	75 - 125
Over C12-C28	100	108.0		mg/L		108	75 - 125

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	105		70 - 130
o-Terphenyl (Surr)	121		70 - 130

Lab Sample ID: LCSD 860-268476/3-A

Matrix: Water

Analysis Batch: 268299

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 268476

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD
	Added	Result	Qualifier			Limits	Limits	Limit
C6-C12	100	94.32		mg/L		94	75 - 125	0
Over C12-C28	100	110.9		mg/L		111	75 - 125	3

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	105		70 - 130
o-Terphenyl (Surr)	113		70 - 130

Lab Sample ID: MB 860-268719/1-A

Matrix: Solid

Analysis Batch: 268606

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 268719

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
C6-C12	<25.0	U	50.0	25.0	mg/Kg		10/15/25 11:47	10/15/25 15:10	1
Over C12-C28	<25.0	U	50.0	25.0	mg/Kg		10/15/25 11:47	10/15/25 15:10	1

Eurofins Houston

QC Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC) (Continued)

Lab Sample ID: MB 860-268719/1-A

Matrix: Solid

Analysis Batch: 268606

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 268719

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Over C28-C35	<25.0	U	50.0	25.0	mg/Kg		10/15/25 11:47	10/15/25 15:10	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130				10/15/25 11:47	10/15/25 15:10	1
o-Terphenyl (Surr)	89		70 - 130				10/15/25 11:47	10/15/25 15:10	1

Lab Sample ID: LCS 860-268719/2-A

Matrix: Solid

Analysis Batch: 268606

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 268719

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
C6-C12	1000	842.8		mg/Kg		84	75 - 125	
Over C12-C28	1000	947.3		mg/Kg		95	75 - 125	
Surrogate	%Recovery	LCS Qualifier	Limits					
1-Chlorooctane (Surr)	76		70 - 130					
o-Terphenyl (Surr)	81		70 - 130					

Lab Sample ID: LCSD 860-268719/3-A

Matrix: Solid

Analysis Batch: 268606

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 268719

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
C6-C12	1000	846.0		mg/Kg		85	75 - 125	0	20
Over C12-C28	1000	933.2		mg/Kg		93	75 - 125	2	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	80		70 - 130						
o-Terphenyl (Surr)	84		70 - 130						

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-268321/1-A

Matrix: Water

Analysis Batch: 268623

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 268321

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		10/14/25 09:00	10/14/25 20:56	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		10/14/25 09:00	10/14/25 20:56	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		10/14/25 09:00	10/14/25 20:56	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/14/25 09:00	10/14/25 20:56	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		10/14/25 09:00	10/14/25 20:56	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		10/14/25 09:00	10/14/25 20:56	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		10/14/25 09:00	10/14/25 20:56	1

Eurofins Houston

QC Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 860-268321/2-A

Matrix: Water

Analysis Batch: 268623

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 268321

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.09695		mg/L		97	80 - 120
Barium	0.100	0.09647		mg/L		96	80 - 120
Cadmium	0.100	0.09695		mg/L		97	80 - 120
Chromium	0.100	0.09843		mg/L		98	80 - 120
Lead	0.100	0.09678		mg/L		97	80 - 120
Selenium	0.100	0.09452		mg/L		95	80 - 120
Silver	0.0500	0.05245		mg/L		105	80 - 120

Lab Sample ID: LCSD 860-268321/3-A

Matrix: Water

Analysis Batch: 268623

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 268321

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.100	0.09731		mg/L		97	80 - 120	0	20
Barium	0.100	0.09657		mg/L		97	80 - 120	0	20
Cadmium	0.100	0.09659		mg/L		97	80 - 120	0	20
Chromium	0.100	0.09800		mg/L		98	80 - 120	0	20
Lead	0.100	0.09597		mg/L		96	80 - 120	1	20
Selenium	0.100	0.09466		mg/L		95	80 - 120	0	20
Silver	0.0500	0.05193		mg/L		104	80 - 120	1	20

Lab Sample ID: 400-283857-C-3-B MS

Matrix: Water

Analysis Batch: 268623

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 268321

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.000731	J	0.100	0.09443		mg/L		94	75 - 125
Barium	0.0136		0.100	0.1093		mg/L		96	75 - 125
Cadmium	<0.000240	U	0.100	0.09634		mg/L		96	75 - 125
Chromium	0.00352	J	0.100	0.1022		mg/L		99	75 - 125
Lead	0.00288		0.100	0.1032		mg/L		100	75 - 125
Selenium	<0.000590	U	0.100	0.08680		mg/L		87	75 - 125
Silver	<0.000390	U	0.0500	0.05353		mg/L		107	75 - 125

Lab Sample ID: 400-283857-C-3-C MSD

Matrix: Water

Analysis Batch: 268623

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 268321

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.000731	J	0.100	0.09242		mg/L		92	75 - 125	2	20
Barium	0.0136		0.100	0.1063		mg/L		93	75 - 125	3	20
Cadmium	<0.000240	U	0.100	0.09340		mg/L		93	75 - 125	3	20
Chromium	0.00352	J	0.100	0.1001		mg/L		97	75 - 125	2	20
Lead	0.00288		0.100	0.1014		mg/L		99	75 - 125	2	20
Selenium	<0.000590	U	0.100	0.08458		mg/L		85	75 - 125	3	20
Silver	<0.000390	U	0.0500	0.05253		mg/L		105	75 - 125	2	20

Eurofins Houston

QC Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 860-268360/1-A

Matrix: Solid

Analysis Batch: 268778

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 268360

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.103	U	0.400	0.103	mg/Kg		10/14/25 10:30	10/15/25 12:55	1
Barium	<0.137	U	0.400	0.137	mg/Kg		10/14/25 10:30	10/15/25 12:55	1
Cadmium	<0.0534	U	0.200	0.0534	mg/Kg		10/14/25 10:30	10/15/25 12:55	1
Chromium	<0.0540	U	0.400	0.0540	mg/Kg		10/14/25 10:30	10/15/25 12:55	1
Lead	<0.0634	U	0.200	0.0634	mg/Kg		10/14/25 10:30	10/15/25 12:55	1
Selenium	<0.0945	U	0.200	0.0945	mg/Kg		10/14/25 10:30	10/15/25 12:55	1
Silver	<0.0478	U	0.200	0.0478	mg/Kg		10/14/25 10:30	10/15/25 12:55	1

Lab Sample ID: LCS 860-268360/2-A

Matrix: Solid

Analysis Batch: 268778

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 268360

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	10.0	9.775		mg/Kg		98	80 - 120
Barium	10.0	9.757		mg/Kg		98	80 - 120
Cadmium	10.0	9.769		mg/Kg		98	80 - 120
Chromium	10.0	9.892		mg/Kg		99	80 - 120
Lead	10.0	9.733		mg/Kg		97	80 - 120
Selenium	10.0	9.442		mg/Kg		94	80 - 120
Silver	5.00	5.249		mg/Kg		105	80 - 120

Lab Sample ID: LCSD 860-268360/3-A

Matrix: Solid

Analysis Batch: 268778

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 268360

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	10.0	9.762		mg/Kg		98	80 - 120	0	20
Barium	10.0	9.732		mg/Kg		97	80 - 120	0	20
Cadmium	10.0	9.812		mg/Kg		98	80 - 120	0	20
Chromium	10.0	9.887		mg/Kg		99	80 - 120	0	20
Lead	10.0	9.809		mg/Kg		98	80 - 120	1	20
Selenium	10.0	9.414		mg/Kg		94	80 - 120	0	20
Silver	5.00	5.276		mg/Kg		106	80 - 120	1	20

Lab Sample ID: 860-113897-G-1-B MS

Matrix: Solid

Analysis Batch: 268778

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 268360

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	4.11		9.09	13.25		mg/Kg		100	75 - 125
Barium	196		9.09	396.1	4	mg/Kg		2202	75 - 125
Cadmium	<0.226	U	9.09	8.845		mg/Kg		97	75 - 125
Chromium	15.0	F1	9.09	21.64	F1	mg/Kg		73	75 - 125
Lead	8.60		9.09	17.98		mg/Kg		103	75 - 125
Selenium	<0.400	U	9.09	7.386		mg/Kg		81	75 - 125
Silver	<0.203	U	4.55	4.069		mg/Kg		90	75 - 125

Eurofins Houston

QC Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 860-113897-G-1-C MSD

Matrix: Solid

Analysis Batch: 268778

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 268360

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	4.11		9.26	13.41		mg/Kg		100	75 - 125	1	20
Barium	196		9.26	373.5	4	mg/Kg		1917	75 - 125	6	20
Cadmium	<0.226	U	9.26	8.992		mg/Kg		97	75 - 125	2	20
Chromium	15.0	F1	9.26	22.18		mg/Kg		77	75 - 125	2	20
Lead	8.60		9.26	18.21		mg/Kg		104	75 - 125	1	20
Selenium	<0.400	U	9.26	7.482		mg/Kg		81	75 - 125	1	20
Silver	<0.203	U	4.63	4.115		mg/Kg		89	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-268450/10-A

Matrix: Water

Analysis Batch: 268571

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 268450

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		10/14/25 14:02	10/14/25 20:54	1

Lab Sample ID: LCS 860-268450/11-A

Matrix: Water

Analysis Batch: 268571

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 268450

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001951		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-268450/12-A

Matrix: Water

Analysis Batch: 268571

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 268450

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001940		mg/L		97	80 - 120	1	20

Lab Sample ID: 860-113841-8 MS

Matrix: Water

Analysis Batch: 268571

Client Sample ID: TMW-1

Prep Type: Total/NA

Prep Batch: 268450

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.0000706	U	0.00200	0.001979		mg/L		99	75 - 125

Lab Sample ID: 860-113841-8 MSD

Matrix: Water

Analysis Batch: 268571

Client Sample ID: TMW-1

Prep Type: Total/NA

Prep Batch: 268450

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.0000706	U	0.00200	0.001928		mg/L		96	75 - 125	3	20

Eurofins Houston

QC Sample Results

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 860-268683/10-A

Matrix: Solid

Analysis Batch: 268768

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 268683

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00895	U	0.0200	0.00895	mg/Kg		10/15/25 10:54	10/15/25 13:16	1

Lab Sample ID: LCS 860-268683/11-A

Matrix: Solid

Analysis Batch: 268768

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 268683

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.200	0.1939		mg/Kg		97	80 - 120

Lab Sample ID: LCSD 860-268683/12-A

Matrix: Solid

Analysis Batch: 268768

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 268683

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.200	0.1950		mg/Kg		97	80 - 120	1	20

Lab Sample ID: 870-40601-A-11-C MS

Matrix: Solid

Analysis Batch: 268768

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 268683

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00938	J	0.213	0.2059		mg/Kg	☼	92	75 - 125

Lab Sample ID: 870-40601-A-11-D MSD

Matrix: Solid

Analysis Batch: 268768

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 268683

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00938	J	0.229	0.2300		mg/Kg	☼	96	75 - 125	11	20

Method: 9045D - pH

Lab Sample ID: 860-113841-3 DU

Matrix: Solid

Analysis Batch: 268427

Client Sample ID: SB-2 13-15'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.9	HF	7.8		SU		0.5	20
Temperature	21.2	HF	21.2		Deg. C		0	25
Corrosivity	7.9	HF	7.8		SU		0.5	20

Eurofins Houston

QC Association Summary

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

GC/MS VOA

Prep Batch: 268107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-1	SB-1 5-8'	Total/NA	Solid	5035	
860-113841-2	SB-2 1-5'	Total/NA	Solid	5035	
860-113841-3	SB-2 13-15'	Total/NA	Solid	5035	
860-113841-4	SB-3 5-8'	Total/NA	Solid	5035	
860-113841-5	SB-4 3-5'	Total/NA	Solid	5035	
860-113841-6	SB-4 10-12'	Total/NA	Solid	5035	
860-113841-7	SB-5 1-5'	Total/NA	Solid	5035	

Analysis Batch: 268311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-1	SB-1 5-8'	Total/NA	Solid	8260D	268107
860-113841-2	SB-2 1-5'	Total/NA	Solid	8260D	268107
860-113841-3	SB-2 13-15'	Total/NA	Solid	8260D	268107
860-113841-4	SB-3 5-8'	Total/NA	Solid	8260D	268107
860-113841-5	SB-4 3-5'	Total/NA	Solid	8260D	268107
860-113841-6	SB-4 10-12'	Total/NA	Solid	8260D	268107
860-113841-7	SB-5 1-5'	Total/NA	Solid	8260D	268107
MB 860-268311/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-268311/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-268311/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
860-113834-A-3-B MS	Matrix Spike	Total/NA	Solid	8260D	268469

Prep Batch: 268469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113834-A-3-B MS	Matrix Spike	Total/NA	Solid	5035	

Analysis Batch: 268883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-8	TMW-1	Total/NA	Water	8260D	
860-113841-9	TMW-3	Total/NA	Water	8260D	
860-113841-10	TMW-5	Total/NA	Water	8260D	
MB 860-268883/10	Method Blank	Total/NA	Water	8260D	
LCS 860-268883/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-268883/5	Lab Control Sample Dup	Total/NA	Water	8260D	
870-40472-C-3 MS	Matrix Spike	Total/NA	Water	8260D	

GC Semi VOA

Analysis Batch: 268299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-8	TMW-1	Total/NA	Water	TX 1005	268476
860-113841-9	TMW-3	Total/NA	Water	TX 1005	268476
860-113841-10	TMW-5	Total/NA	Water	TX 1005	268476
MB 860-268476/1-A	Method Blank	Total/NA	Water	TX 1005	268476
LCS 860-268476/2-A	Lab Control Sample	Total/NA	Water	TX 1005	268476
LCSD 860-268476/3-A	Lab Control Sample Dup	Total/NA	Water	TX 1005	268476

Prep Batch: 268476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-8	TMW-1	Total/NA	Water	TX_1005_W_Pr ep	

Eurofins Houston

QC Association Summary

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

GC Semi VOA (Continued)

Prep Batch: 268476 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-9	TMW-3	Total/NA	Water	TX_1005_W_Pr	
860-113841-10	TMW-5	Total/NA	Water	TX_1005_W_Pr	
MB 860-268476/1-A	Method Blank	Total/NA	Water	TX_1005_W_Pr	
LCS 860-268476/2-A	Lab Control Sample	Total/NA	Water	TX_1005_W_Pr	
LCSD 860-268476/3-A	Lab Control Sample Dup	Total/NA	Water	TX_1005_W_Pr	

Analysis Batch: 268606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-2	SB-2 1-5'	Total/NA	Solid	TX 1005	268719
860-113841-4	SB-3 5-8'	Total/NA	Solid	TX 1005	268719
860-113841-7	SB-5 1-5'	Total/NA	Solid	TX 1005	268719
MB 860-268719/1-A	Method Blank	Total/NA	Solid	TX 1005	268719
LCS 860-268719/2-A	Lab Control Sample	Total/NA	Solid	TX 1005	268719
LCSD 860-268719/3-A	Lab Control Sample Dup	Total/NA	Solid	TX 1005	268719

Analysis Batch: 268682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-1	SB-1 5-8'	Total/NA	Solid	TX 1005	
860-113841-2	SB-2 1-5'	Total/NA	Solid	TX 1005	
860-113841-3	SB-2 13-15'	Total/NA	Solid	TX 1005	
860-113841-4	SB-3 5-8'	Total/NA	Solid	TX 1005	
860-113841-5	SB-4 3-5'	Total/NA	Solid	TX 1005	
860-113841-6	SB-4 10-12'	Total/NA	Solid	TX 1005	
860-113841-7	SB-5 1-5'	Total/NA	Solid	TX 1005	
860-113841-8	TMW-1	Total/NA	Water	TX 1005	
860-113841-9	TMW-3	Total/NA	Water	TX 1005	
860-113841-10	TMW-5	Total/NA	Water	TX 1005	

Prep Batch: 268719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-1	SB-1 5-8'	Total/NA	Solid	TX_1005_S_Pre	
860-113841-2	SB-2 1-5'	Total/NA	Solid	TX_1005_S_Pre	
860-113841-3	SB-2 13-15'	Total/NA	Solid	TX_1005_S_Pre	
860-113841-4	SB-3 5-8'	Total/NA	Solid	TX_1005_S_Pre	
860-113841-5	SB-4 3-5'	Total/NA	Solid	TX_1005_S_Pre	
860-113841-6	SB-4 10-12'	Total/NA	Solid	TX_1005_S_Pre	
860-113841-7	SB-5 1-5'	Total/NA	Solid	TX_1005_S_Pre	
MB 860-268719/1-A	Method Blank	Total/NA	Solid	TX_1005_S_Pre	
LCS 860-268719/2-A	Lab Control Sample	Total/NA	Solid	TX_1005_S_Pre	
LCSD 860-268719/3-A	Lab Control Sample Dup	Total/NA	Solid	TX_1005_S_Pre	

Eurofins Houston

QC Association Summary

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

GC Semi VOA

Analysis Batch: 268946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-1	SB-1 5-8'	Total/NA	Solid	TX 1005	268719
860-113841-3	SB-2 13-15'	Total/NA	Solid	TX 1005	268719
860-113841-5	SB-4 3-5'	Total/NA	Solid	TX 1005	268719
860-113841-6	SB-4 10-12'	Total/NA	Solid	TX 1005	268719

Metals

Prep Batch: 268321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-8	TMW-1	Total/NA	Water	3010A	
860-113841-9	TMW-3	Total/NA	Water	3010A	
860-113841-10	TMW-5	Total/NA	Water	3010A	
MB 860-268321/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-268321/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-268321/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
400-283857-C-3-B MS	Matrix Spike	Total/NA	Water	3010A	
400-283857-C-3-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Prep Batch: 268360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-1	SB-1 5-8'	Total/NA	Solid	3051A	
860-113841-2	SB-2 1-5'	Total/NA	Solid	3051A	
860-113841-3	SB-2 13-15'	Total/NA	Solid	3051A	
860-113841-4	SB-3 5-8'	Total/NA	Solid	3051A	
860-113841-5	SB-4 3-5'	Total/NA	Solid	3051A	
860-113841-6	SB-4 10-12'	Total/NA	Solid	3051A	
860-113841-7	SB-5 1-5'	Total/NA	Solid	3051A	
MB 860-268360/1-A	Method Blank	Total/NA	Solid	3051A	
LCS 860-268360/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 860-268360/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	
860-113897-G-1-B MS	Matrix Spike	Total/NA	Solid	3051A	
860-113897-G-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3051A	

Prep Batch: 268450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-8	TMW-1	Total/NA	Water	7470A	
860-113841-9	TMW-3	Total/NA	Water	7470A	
860-113841-10	TMW-5	Total/NA	Water	7470A	
MB 860-268450/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-268450/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-268450/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	
860-113841-8 MS	TMW-1	Total/NA	Water	7470A	
860-113841-8 MSD	TMW-1	Total/NA	Water	7470A	

Analysis Batch: 268571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-8	TMW-1	Total/NA	Water	7470A	268450
860-113841-9	TMW-3	Total/NA	Water	7470A	268450
860-113841-10	TMW-5	Total/NA	Water	7470A	268450
MB 860-268450/10-A	Method Blank	Total/NA	Water	7470A	268450
LCS 860-268450/11-A	Lab Control Sample	Total/NA	Water	7470A	268450

Eurofins Houston

QC Association Summary

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Metals (Continued)

Analysis Batch: 268571 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-268450/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	268450
860-113841-8 MS	TMW-1	Total/NA	Water	7470A	268450
860-113841-8 MSD	TMW-1	Total/NA	Water	7470A	268450

Analysis Batch: 268623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-8	TMW-1	Total/NA	Water	6020B	268321
860-113841-9	TMW-3	Total/NA	Water	6020B	268321
860-113841-10	TMW-5	Total/NA	Water	6020B	268321
MB 860-268321/1-A	Method Blank	Total/NA	Water	6020B	268321
LCS 860-268321/2-A	Lab Control Sample	Total/NA	Water	6020B	268321
LCSD 860-268321/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	268321
400-283857-C-3-B MS	Matrix Spike	Total/NA	Water	6020B	268321
400-283857-C-3-C MSD	Matrix Spike Duplicate	Total/NA	Water	6020B	268321

Prep Batch: 268683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-1	SB-1 5-8'	Total/NA	Solid	7471A	
860-113841-2	SB-2 1-5'	Total/NA	Solid	7471A	
860-113841-3	SB-2 13-15'	Total/NA	Solid	7471A	
860-113841-4	SB-3 5-8'	Total/NA	Solid	7471A	
860-113841-5	SB-4 3-5'	Total/NA	Solid	7471A	
860-113841-6	SB-4 10-12'	Total/NA	Solid	7471A	
860-113841-7	SB-5 1-5'	Total/NA	Solid	7471A	
MB 860-268683/10-A	Method Blank	Total/NA	Solid	7471A	
LCS 860-268683/11-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 860-268683/12-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
870-40601-A-11-C MS	Matrix Spike	Total/NA	Solid	7471A	
870-40601-A-11-D MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	

Analysis Batch: 268768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-1	SB-1 5-8'	Total/NA	Solid	7471A	268683
860-113841-2	SB-2 1-5'	Total/NA	Solid	7471A	268683
860-113841-3	SB-2 13-15'	Total/NA	Solid	7471A	268683
860-113841-4	SB-3 5-8'	Total/NA	Solid	7471A	268683
860-113841-5	SB-4 3-5'	Total/NA	Solid	7471A	268683
860-113841-6	SB-4 10-12'	Total/NA	Solid	7471A	268683
860-113841-7	SB-5 1-5'	Total/NA	Solid	7471A	268683
MB 860-268683/10-A	Method Blank	Total/NA	Solid	7471A	268683
LCS 860-268683/11-A	Lab Control Sample	Total/NA	Solid	7471A	268683
LCSD 860-268683/12-A	Lab Control Sample Dup	Total/NA	Solid	7471A	268683
870-40601-A-11-C MS	Matrix Spike	Total/NA	Solid	7471A	268683
870-40601-A-11-D MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	268683

Analysis Batch: 268778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-1	SB-1 5-8'	Total/NA	Solid	6020B	268360
860-113841-2	SB-2 1-5'	Total/NA	Solid	6020B	268360
860-113841-3	SB-2 13-15'	Total/NA	Solid	6020B	268360
860-113841-4	SB-3 5-8'	Total/NA	Solid	6020B	268360

Eurofins Houston

QC Association Summary

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Metals (Continued)

Analysis Batch: 268778 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-5	SB-4 3-5'	Total/NA	Solid	6020B	268360
860-113841-6	SB-4 10-12'	Total/NA	Solid	6020B	268360
860-113841-7	SB-5 1-5'	Total/NA	Solid	6020B	268360
MB 860-268360/1-A	Method Blank	Total/NA	Solid	6020B	268360
LCS 860-268360/2-A	Lab Control Sample	Total/NA	Solid	6020B	268360
LCSD 860-268360/3-A	Lab Control Sample Dup	Total/NA	Solid	6020B	268360
860-113897-G-1-B MS	Matrix Spike	Total/NA	Solid	6020B	268360
860-113897-G-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	6020B	268360

General Chemistry

Leach Batch: 268382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-1	SB-1 5-8'	Soluble	Solid	DI Leach	
860-113841-2	SB-2 1-5'	Soluble	Solid	DI Leach	
860-113841-3	SB-2 13-15'	Soluble	Solid	DI Leach	
860-113841-4	SB-3 5-8'	Soluble	Solid	DI Leach	
860-113841-5	SB-4 3-5'	Soluble	Solid	DI Leach	
860-113841-6	SB-4 10-12'	Soluble	Solid	DI Leach	
860-113841-7	SB-5 1-5'	Soluble	Solid	DI Leach	
860-113841-3 DU	SB-2 13-15'	Soluble	Solid	DI Leach	

Analysis Batch: 268427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-1	SB-1 5-8'	Soluble	Solid	9045D	268382
860-113841-2	SB-2 1-5'	Soluble	Solid	9045D	268382
860-113841-3	SB-2 13-15'	Soluble	Solid	9045D	268382
860-113841-4	SB-3 5-8'	Soluble	Solid	9045D	268382
860-113841-5	SB-4 3-5'	Soluble	Solid	9045D	268382
860-113841-6	SB-4 10-12'	Soluble	Solid	9045D	268382
860-113841-7	SB-5 1-5'	Soluble	Solid	9045D	268382
860-113841-3 DU	SB-2 13-15'	Soluble	Solid	9045D	268382

Analysis Batch: 268793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113841-1	SB-1 5-8'	Total/NA	Solid	Moisture	
860-113841-2	SB-2 1-5'	Total/NA	Solid	Moisture	
860-113841-3	SB-2 13-15'	Total/NA	Solid	Moisture	
860-113841-4	SB-3 5-8'	Total/NA	Solid	Moisture	
860-113841-5	SB-4 3-5'	Total/NA	Solid	Moisture	
860-113841-6	SB-4 10-12'	Total/NA	Solid	Moisture	
860-113841-7	SB-5 1-5'	Total/NA	Solid	Moisture	
MB 860-268793/1	Method Blank	Total/NA	Solid	Moisture	
870-40656-A-4 DU	Duplicate	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-1 5-8'

Lab Sample ID: 860-113841-1

Date Collected: 10/09/25 08:00

Matrix: Solid

Date Received: 10/10/25 09:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TX 1005		1			268682	10/16/25 13:15	RJT	EET HOU
Soluble	Leach	DI Leach			20 g	20 mL	268382	10/14/25 10:53	MK	EET HOU
Soluble	Analysis	9045D		1	20 g	20 mL	268427	10/14/25 13:10	MK	EET HOU
Total/NA	Analysis	Moisture		1			268793	10/15/25 14:48	JC	EET HOU

Client Sample ID: SB-1 5-8'

Lab Sample ID: 860-113841-1

Date Collected: 10/09/25 08:00

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.72 g	5 mL	268107	10/10/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	268311	10/14/25 12:54	MTMG	EET HOU
Total/NA	Prep	TX_1005_S_Prep			11.27 g	10 mL	268719	10/15/25 11:47	TB	EET HOU
Total/NA	Analysis	TX 1005		1			268946	10/16/25 13:15	WP	EET HOU
Total/NA	Prep	3051A			.54 g	50 mL	268360	10/14/25 10:30	PB	EET HOU
Total/NA	Analysis	6020B		5			268778	10/15/25 14:19	DP	EET HOU
Total/NA	Prep	7471A			0.50 g	50 mL	268683	10/15/25 10:55	PB	EET HOU
Total/NA	Analysis	7471A		1			268768	10/15/25 13:44	JDM	EET HOU

Client Sample ID: SB-2 1-5'

Lab Sample ID: 860-113841-2

Date Collected: 10/09/25 09:16

Matrix: Solid

Date Received: 10/10/25 09:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TX 1005		1			268682	10/15/25 16:12	RJT	EET HOU
Soluble	Leach	DI Leach			20.7 g	20 mL	268382	10/14/25 10:53	MK	EET HOU
Soluble	Analysis	9045D		1	20 g	20 mL	268427	10/14/25 13:09	MK	EET HOU
Total/NA	Analysis	Moisture		1			268793	10/15/25 14:48	JC	EET HOU

Client Sample ID: SB-2 1-5'

Lab Sample ID: 860-113841-2

Date Collected: 10/09/25 09:16

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.5 g	5 mL	268107	10/10/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	268311	10/14/25 13:18	MTMG	EET HOU
Total/NA	Prep	TX_1005_S_Prep			12.95 g	10 mL	268719	10/15/25 11:47	TB	EET HOU
Total/NA	Analysis	TX 1005		1			268606	10/15/25 16:12	MS	EET HOU
Total/NA	Prep	3051A			.52 g	50 mL	268360	10/14/25 10:30	PB	EET HOU
Total/NA	Analysis	6020B		5			268778	10/15/25 14:22	DP	EET HOU
Total/NA	Prep	7471A			0.50 g	50 mL	268683	10/15/25 10:55	PB	EET HOU
Total/NA	Analysis	7471A		1			268768	10/15/25 13:46	JDM	EET HOU

Eurofins Houston

Lab Chronicle

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-2 13-15'

Lab Sample ID: 860-113841-3

Date Collected: 10/09/25 09:28

Matrix: Solid

Date Received: 10/10/25 09:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TX 1005		1			268682	10/16/25 13:32	RJT	EET HOU
Soluble	Leach	DI Leach			20 g	20 mL	268382	10/14/25 10:53	MK	EET HOU
Soluble	Analysis	9045D		1	20 g	20 mL	268427	10/14/25 13:09	MK	EET HOU
Total/NA	Analysis	Moisture		1			268793	10/15/25 14:48	JC	EET HOU

Client Sample ID: SB-2 13-15'

Lab Sample ID: 860-113841-3

Date Collected: 10/09/25 09:28

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.49 g	5 mL	268107	10/10/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	268311	10/14/25 13:42	MTMG	EET HOU
Total/NA	Prep	TX_1005_S_Prep			10.93 g	10 mL	268719	10/15/25 11:47	TB	EET HOU
Total/NA	Analysis	TX 1005		1			268946	10/16/25 13:32	WP	EET HOU
Total/NA	Prep	3051A			.55 g	50 mL	268360	10/14/25 10:30	PB	EET HOU
Total/NA	Analysis	6020B		5			268778	10/15/25 14:25	DP	EET HOU
Total/NA	Prep	7471A			0.52 g	50 mL	268683	10/15/25 10:55	PB	EET HOU
Total/NA	Analysis	7471A		1			268768	10/15/25 13:47	JDM	EET HOU

Client Sample ID: SB-3 5-8'

Lab Sample ID: 860-113841-4

Date Collected: 10/09/25 10:00

Matrix: Solid

Date Received: 10/10/25 09:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TX 1005		1			268682	10/15/25 16:42	RJT	EET HOU
Soluble	Leach	DI Leach			20 g	20 mL	268382	10/14/25 10:53	MK	EET HOU
Soluble	Analysis	9045D		1	20 g	20 mL	268427	10/14/25 13:10	MK	EET HOU
Total/NA	Analysis	Moisture		1			268793	10/15/25 14:48	JC	EET HOU

Client Sample ID: SB-3 5-8'

Lab Sample ID: 860-113841-4

Date Collected: 10/09/25 10:00

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.75 g	5 mL	268107	10/10/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	268311	10/14/25 14:06	MTMG	EET HOU
Total/NA	Prep	TX_1005_S_Prep			9.76 g	10 mL	268719	10/15/25 11:47	TB	EET HOU
Total/NA	Analysis	TX 1005		1			268606	10/15/25 16:42	MS	EET HOU
Total/NA	Prep	3051A			.54 g	50 mL	268360	10/14/25 10:30	PB	EET HOU
Total/NA	Analysis	6020B		5			268778	10/15/25 14:28	DP	EET HOU
Total/NA	Prep	7471A			0.50 g	50 mL	268683	10/15/25 10:55	PB	EET HOU
Total/NA	Analysis	7471A		1			268768	10/15/25 13:48	JDM	EET HOU

Eurofins Houston

Lab Chronicle

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-4 3-5'

Lab Sample ID: 860-113841-5

Date Collected: 10/09/25 12:02

Matrix: Solid

Date Received: 10/10/25 09:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TX 1005		1			268682	10/16/25 13:47	RJT	EET HOU
Soluble	Leach	DI Leach			20 g	20 mL	268382	10/14/25 10:53	MK	EET HOU
Soluble	Analysis	9045D		1	20 g	20 mL	268427	10/14/25 13:10	MK	EET HOU
Total/NA	Analysis	Moisture		1			268793	10/15/25 14:48	JC	EET HOU

Client Sample ID: SB-4 3-5'

Lab Sample ID: 860-113841-5

Date Collected: 10/09/25 12:02

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.67 g	5 mL	268107	10/10/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	268311	10/14/25 14:30	MTMG	EET HOU
Total/NA	Prep	TX_1005_S_Prep			9.61 g	10 mL	268719	10/15/25 11:47	TB	EET HOU
Total/NA	Analysis	TX 1005		1			268946	10/16/25 13:47	WP	EET HOU
Total/NA	Prep	3051A			.56 g	50 mL	268360	10/14/25 10:30	PB	EET HOU
Total/NA	Analysis	6020B		5			268778	10/15/25 14:32	DP	EET HOU
Total/NA	Prep	7471A			0.50 g	50 mL	268683	10/15/25 10:55	PB	EET HOU
Total/NA	Analysis	7471A		1			268768	10/15/25 13:50	JDM	EET HOU

Client Sample ID: SB-4 10-12'

Lab Sample ID: 860-113841-6

Date Collected: 10/09/25 12:16

Matrix: Solid

Date Received: 10/10/25 09:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TX 1005		1			268682	10/16/25 14:03	RJT	EET HOU
Soluble	Leach	DI Leach			20 g	20 mL	268382	10/14/25 10:53	MK	EET HOU
Soluble	Analysis	9045D		1	20 g	20 mL	268427	10/14/25 13:10	MK	EET HOU
Total/NA	Analysis	Moisture		1			268793	10/15/25 14:48	JC	EET HOU

Client Sample ID: SB-4 10-12'

Lab Sample ID: 860-113841-6

Date Collected: 10/09/25 12:16

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.36 g	5 mL	268107	10/10/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	268311	10/14/25 14:54	MTMG	EET HOU
Total/NA	Prep	TX_1005_S_Prep			10.55 g	10 mL	268719	10/15/25 11:47	TB	EET HOU
Total/NA	Analysis	TX 1005		1			268946	10/16/25 14:03	WP	EET HOU
Total/NA	Prep	3051A			.54 g	50 mL	268360	10/14/25 10:30	PB	EET HOU
Total/NA	Analysis	6020B		5			268778	10/15/25 14:35	DP	EET HOU
Total/NA	Prep	7471A			0.55 g	50 mL	268683	10/15/25 10:55	PB	EET HOU
Total/NA	Analysis	7471A		1			268768	10/15/25 13:51	JDM	EET HOU

Eurofins Houston

Lab Chronicle

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: SB-5 1-5'

Lab Sample ID: 860-113841-7

Date Collected: 10/09/25 12:55

Matrix: Solid

Date Received: 10/10/25 09:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TX 1005		1			268682	10/15/25 17:44	RJT	EET HOU
Soluble	Leach	DI Leach			20 g	20 mL	268382	10/14/25 10:53	MK	EET HOU
Soluble	Analysis	9045D		1	20 g	20 mL	268427	10/14/25 13:10	MK	EET HOU
Total/NA	Analysis	Moisture		1			268793	10/15/25 14:48	JC	EET HOU

Client Sample ID: SB-5 1-5'

Lab Sample ID: 860-113841-7

Date Collected: 10/09/25 12:55

Matrix: Solid

Date Received: 10/10/25 09:19

Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.6 g	5 mL	268107	10/10/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	268311	10/14/25 15:18	MTMG	EET HOU
Total/NA	Prep	TX_1005_S_Prep			10.77 g	10 mL	268719	10/15/25 11:47	TB	EET HOU
Total/NA	Analysis	TX 1005		1			268606	10/15/25 17:44	MS	EET HOU
Total/NA	Prep	3051A			.56 g	50 mL	268360	10/14/25 10:30	PB	EET HOU
Total/NA	Analysis	6020B		5			268778	10/15/25 14:38	DP	EET HOU
Total/NA	Prep	7471A			.56 g	50 mL	268683	10/15/25 10:55	PB	EET HOU
Total/NA	Analysis	7471A		1			268768	10/15/25 13:53	JDM	EET HOU

Client Sample ID: TMW-1

Lab Sample ID: 860-113841-8

Date Collected: 10/09/25 08:41

Matrix: Water

Date Received: 10/10/25 09:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	268883	10/16/25 12:01	NA	EET HOU
Total/NA	Prep	TX_1005_W_Prep			31.7 mL	3 mL	268476	10/14/25 15:27	IS	EET HOU
Total/NA	Analysis	TX 1005		1			268299	10/15/25 06:04	IS	EET HOU
Total/NA	Analysis	TX 1005		1			268682	10/15/25 06:04	RJT	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	268321	10/14/25 09:00	MD	EET HOU
Total/NA	Analysis	6020B		1			268623	10/14/25 21:40	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	268450	10/14/25 14:02	PB	EET HOU
Total/NA	Analysis	7470A		1			268571	10/14/25 20:58	SHZ	EET HOU

Client Sample ID: TMW-3

Lab Sample ID: 860-113841-9

Date Collected: 10/09/25 10:24

Matrix: Water

Date Received: 10/10/25 09:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	268883	10/16/25 12:21	NA	EET HOU
Total/NA	Prep	TX_1005_W_Prep			31.2 mL	3 mL	268476	10/14/25 15:27	IS	EET HOU
Total/NA	Analysis	TX 1005		1			268299	10/15/25 06:20	IS	EET HOU
Total/NA	Analysis	TX 1005		1			268682	10/15/25 06:20	RJT	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	268321	10/14/25 09:00	MD	EET HOU
Total/NA	Analysis	6020B		1			268623	10/14/25 21:43	DP	EET HOU

Eurofins Houston

Lab Chronicle

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Client Sample ID: TMW-3

Date Collected: 10/09/25 10:24

Date Received: 10/10/25 09:19

Lab Sample ID: 860-113841-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	268450	10/14/25 14:02	PB	EET HOU
Total/NA	Analysis	7470A		1			268571	10/14/25 21:05	SHZ	EET HOU

Client Sample ID: TMW-5

Date Collected: 10/09/25 13:26

Date Received: 10/10/25 09:19

Lab Sample ID: 860-113841-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	268883	10/16/25 12:42	NA	EET HOU
Total/NA	Prep	TX_1005_W_Prep			31.4 mL	3 mL	268476	10/14/25 15:27	IS	EET HOU
Total/NA	Analysis	TX 1005		1			268299	10/15/25 06:36	IS	EET HOU
Total/NA	Analysis	TX 1005		1			268682	10/15/25 06:36	RJT	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	268321	10/14/25 09:00	MD	EET HOU
Total/NA	Analysis	6020B		1			268623	10/14/25 21:46	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	268450	10/14/25 14:02	PB	EET HOU
Total/NA	Analysis	7470A		1			268571	10/14/25 21:09	SHZ	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Cyclohexane
8260D	5035	Solid	Cyclohexane
9045D		Solid	Temperature
Moisture		Solid	Percent Solids

Method Summary

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
TX 1005	Texas - Total Petroleum Hydrocarbon (GC)	TCEQ	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
7471A	Mercury (CVAA)	SW846	EET HOU
9045D	pH	SW846	EET HOU
Moisture	Percent Moisture	EPA	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU
3051A	Preparation, Metals, Microwave Assisted	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU
5035	Closed System Purge and Trap	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
7471A	Preparation, Mercury	SW846	EET HOU
DI Leach	Deionized Water Leaching Procedure	ASTM	EET HOU
TX_1005_S_Prep	Extraction - Texas Total petroleum Hyrdocarbons	TCEQ	EET HOU
TX_1005_W_Prep	Extraction - Texas Total petroleum Hyrdocarbons	TCEQ	EET HOU

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TCEQ = Texas Commission of Environmental Quality

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Phase Engineering Inc.
Project/Site: PE # 202510014, Abilene, TX

Job ID: 860-113841-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-113841-1	SB-1 5-8'	Solid	10/09/25 08:00	10/10/25 09:19	Texas
860-113841-2	SB-2 1-5'	Solid	10/09/25 09:16	10/10/25 09:19	Texas
860-113841-3	SB-2 13-15'	Solid	10/09/25 09:28	10/10/25 09:19	Texas
860-113841-4	SB-3 5-8'	Solid	10/09/25 10:00	10/10/25 09:19	Texas
860-113841-5	SB-4 3-5'	Solid	10/09/25 12:02	10/10/25 09:19	Texas
860-113841-6	SB-4 10-12'	Solid	10/09/25 12:16	10/10/25 09:19	Texas
860-113841-7	SB-5 1-5'	Solid	10/09/25 12:55	10/10/25 09:19	Texas
860-113841-8	TMW-1	Water	10/09/25 08:41	10/10/25 09:19	Texas
860-113841-9	TMW-3	Water	10/09/25 10:24	10/10/25 09:19	Texas
860-113841-10	TMW-5	Water	10/09/25 13:26	10/10/25 09:19	Texas

860-113841 Chain of Custody

Login Sample Receipt Checklist

Client: Phase Engineering Inc.

Job Number: 860-113841-1

Login Number: 113841

List Source: Eurofins Houston

List Number: 1

Creator: Jimenez, Nicanor

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

APPENDIX V

PHOTO GALLERY



1. (1) View east of SB-1 drilling activities



2. (2) View east of TMW-1



3. (10) View east of SB-2 drilling activities



4. (11) View east of SB-3 drilling activities



5. (13) View north of TMW-3 and SV-2 soil vapor port



6. (31) View northwest of SB-4 drilling activities



7. (32) View west of first two SB-5 attempts



8. (37) Brick material in SB-5 soil cores



9. (39) View west of TMW-5



10. (44) View east of TMW-5 groundwater purging activities

APPENDIX VI

AGREEMENT FOR SERVICES

AGREEMENT FOR PROFESSIONAL ENVIRONMENTAL CONSULTING SERVICES

Section 1 – General Terms and Conditions

1.1 Definitions

“Agreement” means this Agreement for Professional Environmental Consulting Services.

“Party” (or collectively, “Parties”) means Phase and Client, unless expressly stated otherwise in this Agreement.

“Phase” means Phase Engineering, LLC

“Engagement Letter” the instrument delivered by Phase to the Parties

“Services” has the meaning set forth in Section 1.2 below.

Any capitalized terms not otherwise defined in this Agreement have the meanings given to them under the Engagement Letter.

1.2 Services

The professional environmental consulting services to be provided by Phase for the Client are set forth in the Engagement Letter, and such services, including subsequent services, changed, altered or additional services are hereinafter called the “Services”.

1.3 Standard of Care

Phase shall perform the services under this agreement with that degree of care, skill and diligence generally accepted as typical of the industry in the performance of such services as contemplated by the Agreement at the time and location such services are rendered. Phase shall employ only competent staff and sub-contractors who will be under the supervision of a senior member of Phase's staff.

1.4 Rights of Entry, Site Information and Utilities

The Client shall provide right of entry for Phase and its subcontractors to carry out the Services, unless specified otherwise in the Engagement Letter. The Client warrants that it has furnished to Phase all information known to, or in possession or control of, the Client relating to the past and existing conditions of the site, including but not limited to soil and geologic data, contaminants, wastes, petroleum products, controlled substances, hazardous materials, and subsurface utilities. The Client shall extend use and reliance of this information to Phase, unless stated otherwise and to the extent permitted by law. Such information shall be and remain confidential as between the Client and Phase and Phase shall not disclose same to any third party unless required by law.

1.5 Safety

1.5.1 Phase maintains a General Health and Safety Plan, a copy of which will be provided to the Client on written request and will fall under Section 1.8 Subsequent Changes of this Agreement unless this service is included in the Engagement Letter.

1.5.2 Phase shall take every precaution reasonable in the circumstances for the protection of the workers providing any of the Services.

When required and prior to any field work being carried out, Phase shall provide the Client with a comprehensive site-specific safety plan for providing the Services. Such request must be made in writing by the Client prior to commencement of the Services by Phase and will fall under Section 1.9 Subsequent Changes of this Agreement unless included in the Engagement Letter.

1.6 Investigations and Reports

1.6.1 Findings: The findings of any investigation undertaken as part of the Services will be based upon information generated as a result of the specific scope of the Services as described in the Engagement Letter.

1.6.2 Restoration: The Client accepts that in the normal course of the Services some damage to existing ground or other surface finishes may occur, the restoration of which shall be the responsibility of the client or as specified in the Engagement Letter.

1.6.3 Investigations: The parties acknowledge and accept that unique risks exist whenever engineering or related disciplines are applied to identify environmental conditions and even a comprehensive sampling and testing program may fail to detect certain conditions. Because of the inherent uncertainties in environmental evaluations, changed or unanticipated conditions may occur or become known subsequent to Phase's investigation that could affect conclusions, recommendations, total Project cost and/or execution. Changes in conditions are subject to amendments to the Scope of Services.

1.6.4 Confidentiality and Reliance: Any Final Report or draft reports and the information contained therein shall be treated as confidential and, unless otherwise agreed to by Phase and the Client, the information, sampling data, analysis, findings, conclusions and recommendations (if any), may be used and relied upon only by the Client, its officers, directors and employees and professional advisors in the performance of their obligations for or on behalf of the Client. Any such use and reliance shall be subject to the limitations set forth in this agreement. In addition, the Client may submit any report to a regulatory authority or lender for the purpose of obtaining financing on a property.

1.6.5 Third Party Reliance: This Agreement and the Services provided are for Consultant and Client's sole benefit and exclusive use with no third party beneficiaries intended. Reliance upon the Services and any work product is limited to Client, and is not intended for third parties. In the event Phase agrees, in its sole and absolute discretion, to make the Report available to a third party not mentioned in Paragraph 1.6.4, the Third Party shall be required to obtain the original Client's release, sign Phase's standard Authorized User Agreement (AUA) and pay Phase a fee of not less than \$350.00. Any such use shall be subject to the terms, conditions and limitations set forth in this Agreement, the Report and the AUA.

1.7 Ownership of Records/Reports:

All documents or records created or prepared by Phase in the performance of the Services are considered Phase's professional work product and shall remain the copyright property of Phase, subject to any reasonable disclosure request from the Client as may be necessary and for which reasonable reimbursement for copies is provided.

1.8 Disposal and Samples

1.8.1 Disposal of all wastes generated from the subject property shall be the responsibility of the Client.

1.8.2 Phase shall be responsible for appropriate disposal of sample material and sample residuals after 30 days following submission of the Final Report unless the Client specifically requests otherwise.

1.9 Subsequent Changes

With the consent of Phase, the Client may in writing at any time after the execution of this Agreement or the commencement of the Services delete, extend, increase, vary or otherwise alter the Services. The Parties further agree that such changes shall alter the Services, schedule and/or the costs. Any such changes shall be made in writing with reference to this Agreement, and accepted in writing by both Parties.

1.10 Delays

Neither Party shall be liable or penalized for delays or failure to perform its Services if the same is caused directly or indirectly by circumstances beyond a Party's reasonable control. The Client shall not hold Phase responsible for damages or delays in performance caused by the Client, acts of God, acts and/or omissions of governmental authorities and regulatory agencies or other events which are beyond the reasonable control of the Parties.

1.11 Payment

- 1.11.1 Phase shall invoice the Client in accordance with the provisions set forth in the Engagement Letter. Except as stated in the Engagement Letter, the Client shall pay to Phase at its corporate office each invoice within 30 days of the date of the invoice without holdback. Interest at a rate of 10% per year or the maximum rate allowed by law, whichever is lower, may be charged on all overdue amounts.
- 1.11.2 In the event of a disputed billing, only the disputed portion will be withheld from payment, and the undisputed portion will be paid. The Client shall exercise reasonableness in disputing any bill or portion thereof. No interest will accrue on any disputed portion of the billing until mutually resolved.
- 1.11.3 If the Client fails to make payment of any sum due hereunder within a reasonable time period, Client acknowledges and agrees that the subject Invoice will be referred to legal collections, and any amount in aggregate less than Ten Thousand Dollars U.S. (\$10,000) will be referred to small claims court in Harris County, Texas.

1.12 Suspension or Termination

The Client may at any time by notice in writing to Phase, suspend or terminate the Services or any portion thereof at any stage of the Project. Upon receipt of such written notice by the Client, Phase shall perform no further Services other than those reasonably necessary to close out its Services. In such an event, Phase shall invoice the Client for the portion of the Services completed and shall be entitled to payment in accordance with Section 1.9. Once the Services are completed the Client assumes the risk of Frustration of Purpose.

1.13 Insurance

- 1.13.1 Phase agrees to carry and maintain the following **minimum** insurance coverages for the term of this Agreement:
 - Worker's Compensation Insurance: Statutory requirement amounts
 - Commercial General Liability: \$1,000,000 per occurrence
 - Automobile Liability Insurance: \$1,000,000 per occurrence for both owned and non-owned vehicles
 - Umbrella Liability (including Professional Liability and Contractors Professional Insurance): \$10,000,000 aggregate
- 1.13.2 Phase's current Certificate of Insurance is provided with the Engagement Letter. If the Client requests to be a named as a certificate holder,
 - this request must be made in writing to Phase prior to commencement of the Services.
- 1.13.3 Phase will renew the Professional Liability Insurance at or above the minimum coverage for period of two (2) years after completion of the Services.
- 1.13.4 If the Client requests that Phase increase the amount of insurance coverage or obtain other special insurance for the Project, Phase shall endeavor forthwith to obtain such increased or special insurance at the Client's expense.
- 1.13.5 Each of Phase and Client waive all claims, losses, damages and rights of recovery against the other to extent of the limits of coverage under any commercial general liability or property insurance policy actually obtained by a Party to this Agreement (or, in the case of Phase, to the extent obtained or required to be obtained by Phase under this Agreement). In addition, each Party shall exercise commercially reasonable efforts to cause to waive subrogation under its commercial general liability and property insurance policies and provide any necessary endorsements thereto.

1.14 Indemnity/Statute of Limitations.

EACH OF Phase AND CLIENT SHALL INDEMNIFY AND HOLD HARMLESS THE OTHER AND THEIR RESPECTIVE AGENTS, EMPLOYEES, SUCCESSORS AND ASSIGNS FROM AND AGAINST LEGAL LIABILITY FOR CLAIMS, LOSSES, DAMAGES, AND EXPENSES TO THE EXTENT SUCH CLAIMS, LOSSES, DAMAGES, OR EXPENSES ARE LEGALLY DETERMINED TO BE CAUSED BY THEIR NEGLIGENT ACTS, ERRORS, OR OMISSIONS. IN THE EVENT SUCH CLAIMS, LOSSES, DAMAGES, OR EXPENSES ARE LEGALLY DETERMINED TO BE CAUSED BY THE JOINT OR CONCURRENT NEGLIGENCE OF Phase AND CLIENT, THE PARTIES SHALL BEAR LIABILITY IN PROPORTION TO ITS OWN NEGLIGENCE UNDER COMPARATIVE FAULT PRINCIPLES. NEITHER PARTY SHALL HAVE A DUTY TO DEFEND THE OTHER PARTY, AND NO DUTY TO DEFEND IS HEREBY CREATED BY THIS INDEMNITY PROVISION AND SUCH DUTY IS EXPLICITLY WAIVED UNDER THIS AGREEMENT. CAUSES OF ACTION ARISING OUT OF Phase's SERVICES OR THIS AGREEMENT, REGARDLESS OF CAUSE OR THE THEORY OF LIABILITY, INCLUDING NEGLIGENCE, INDEMNITY OR OTHER RECOVERY, SHALL BE DEEMED TO HAVE ACCRUED AND THE APPLICABLE STATUTE OF LIMITATIONS SHALL COMMENCE TO RUN NO LATER THAN THE DATE OF Phase's SUBSTANTIAL COMPLETION OF SERVICES ON THE PROJECT.

1.15 Limitation of Liability.

- 1.15.1 Notwithstanding any other provisions contained herein, it is understood and agreed that Phase's liability to the Client for all claims arising out of this Agreement, or in any way relating to the Services, will be limited to direct damages and/or to the specific performance of any Services not meeting the Standard of Care set forth herein and such liability will, in the aggregate, not exceed the sum of the coverages shown on Phase's Certificate of Insurance in effect at the time of the claim.
- 1.15.2 No claim may be brought against Phase more than Two (2) years after the Services were completed under this Agreement, or as negotiated between Phase and the Client.

1.15.3. TO THE FULLEST EXTENT PERMITTED BY LAW, THE TOTAL AGGREGATE LIABILITY OF Phase (AND ITS DIRECTORS, EMPLOYEES, AGENTS AND AFFILIATES) TO CLIENT AND THIRD PARTIES GRANTED RELIANCE IS LIMITED TO THE GREATER OF \$50,000 OR Phase's FEE FOR ANY AND ALL INJURIES, DAMAGES, CLAIMS, LOSSES, OR EXPENSES (INCLUDING ATTORNEY AND EXPERT FEES) ARISING OUT OF Phase's SERVICES OR THIS AGREEMENT. THIS LIMITATION SHALL APPLY REGARDLESS OF AVAILABLE PROFESSIONAL LIABILITY INSURANCE COVERAGE, CAUSE OR THE THEORY OF LIABILITY, INCLUDING NEGLIGENCE, INDEMNITY, OR OTHER RECOVERY; PROVIDED, HOWEVER, THAT THIS LIMITATION SHALL NOT APPLY TO THE EXTENT OF ANY AVAILABLE COVERAGE UNDER Phase's COMMERCIAL GENERAL LIABILITY POLICY.

1.16 Consequential Damages.

EXCEPT AS EXPRESSLY PROVIDED IN THIS AGREEMENT, NEITHER PARTY SHALL BE LIABLE TO THE OTHER FOR LOSS OF PROFITS OR REVENUE, LOSS OF USE OR OPPORTUNITY, LOSS OF GOOD WILL, COST OF SUBSTITUTE FACILITIES, GOODS, OR SERVICES, COST OF CAPITAL, OR FOR ANY SPECIAL, CONSEQUENTIAL, INDIRECT, PUNITIVE, OR EXEMPLARY DAMAGES.

1.17 Regulatory Reporting Requirements

Client recognizes that hazardous substances or contaminants may be discovered at the subject property in the course of provision of the Services by Phase under conditions that may be reportable to Federal or State environmental regulatory agencies. The "duty to report" is ultimately the responsibility of the landowner unless the condition represents an acute threat to human health or the environment. Phase will notify the Client of any such reportable condition. The Client will notify the Landowner, or under mutual agreement, authorize Phase to perform such notification to the landowner.

Section 2 – MISCELLANEOUS PROVISIONS

2.1 Notices:

All notices under this Agreement shall be in writing. It shall be sufficient in all respects if the Notice is delivered by hand, sent by any electronic means, including email or facsimile transmission, with confirmation ("Transmission") during normal business hours, or sent by registered mail, postage prepaid, addressed to the Parties shown on the Engagement Letter or to such other address as either Party shall designate by written notice to the other Party. Any notice so given shall be deemed to have been given and to have been received on the day of delivery, if so delivered, on the third Business Day (excluding each day during which there exists any interruption of postal services due to strike, lockout or other cause) following the mailing thereof, if so mailed, and on the day that notice was sent by Transmission, provided such day is a Business Day (a Business Day being any day of the week save and except for Saturday and Sunday) and if not, on the first Business Day thereafter.

2.2 Entire Agreement, Modifications, Headings, Severability:

The Parties acknowledge that this Agreement and the Engagement Letter constitutes the entire agreement between them and supersedes all prior representations, warranties, agreements, and understandings, oral or written, between the Parties with respect to its subject matter. Unless stated otherwise in this Agreement, this Agreement may not be modified except in writing signed by both Parties. The headings to this Agreement are for convenience and reference purposes only and shall not constitute a part of the Agreement. If any element of this Agreement is later held to violate the law or a regulation, it shall be deemed void, and all remaining provisions shall continue in force.

2.3 Effect:

This Agreement shall be binding upon and inure to the benefit of the Parties hereto and their respective successors and assigns provided that it may not be assigned by either Party without the consent of the other, which consent shall not be unreasonably withheld.

2.4 Survival:

All representations and obligations (including without limitation the mutual obligations of indemnification) shall survive the termination of this Agreement and expire five (5) years from the date of completion of Services.

2.5 Waiver of Rights:

Any waiver of, or consent to depart from, the requirements of any provision of this Agreement shall be effective only if made in writing and signed by the Party granting such waiver or consent, and is valid only in the specific instance and for the specific purpose for which it has been granted. No failure on the part of any Party to exercise, and no delay in exercising, any right under this Agreement shall operate as a waiver of such right. No single or partial exercise of any such right shall preclude any other or further exercise of such right or the exercise of any other right.

2.6 Applicable Law:

This Agreement shall be governed by, and interpreted and enforced in accordance with, the laws in the State of Texas and the laws of The United States of America, as applicable.

2.7 Dispute Resolution:

Excepting Section 1.11 for the purpose of this Agreement, any disagreement arising between the Parties to this Agreement with reference to the interpretation of this Agreement or any matter arising hereunder and upon which the Parties cannot agree shall be referred to mediation. Reference to mediation shall be to a single mediator and in accordance with the laws of mediation in the State of Texas. The costs of the mediator shall be shared equally by the Parties on an interim basis as may be necessary provided however that the mediator shall have the discretion to award costs of the proceeding, including costs of the mediator. The venue for such mediation is agreed to be Harris County, Texas

2.8 Contract Documents:

The Contract Documents consist of the documents listed. If there is a conflict with the Contract Documents, the conflicting terms will be governed in the order of priority set forth as follows: 1. Agreement 2. Engagement Letter