CORRECTIVE ACTION PLAN (CP-8)

Air Base, Inc. Quick Serve #38

ADEM Facility ID: 26234-101-005322 UST Incident Number: UST24-08-05

4101 Troy Highway

Montgomery, Alabama 36116

(Montgomery County)

August 24, 2025

Prepared for:

Air Base, Inc. 6890 Vaughn Road Montgomery, Alabama 36116

Prepared by:

SPHERE 3 ENGINEERING, INC

(Alabama General Contractor #49971) 3433 Sierra Drive

Hoover, Alabama 35216 Phone: (205) 403-3317

SPHERE 3 File: SC.QS38.08



CERTIFICATION PAGE

I certify under penalty of law that this Corrective Action Plan Development and all specifications, and technical data submitted within were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiring of the person or persons who directly gathered the enclosed information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information.

Signature

Greg Hoagland, P.E.



21581

Registration Number

August 24, 2025

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UST RELEASE FACT SHEET

GENERAL INFORMATION:				
SITE NAME: Quick Serve #38				
ADDRESS: 4101 Troy Highway, Montgomery, Montgomery Cour	nty, AL			
FACILITY I.D. NO.: 26234-101-005322				
UST INCIDENT NO.: UST24-08-05				
RESULTS OF EXPOSURE ASSESSMENT:				
How many private drinking water wells are located within 1,000 feet of site?	<u>None</u>			
How many public water supply wells are located within 1 mile of site?	None			
Have any drinking water supply wells been impacted by contamination from this release?	<u>No</u>			
Is there an imminent threat of contamination to any drinking water wells?	<u>No</u>			
Have vapors or contaminated groundwater posed a threat to the public?				
Are any underground utilities impacted by the release?	<u>No</u>			
Have surface waters been impacted by the release?	<u>No</u>			
Is there an imminent threat of contamination of surface waters?	No			
What is the type of surrounding population? Residential/Co	ommercial			
CONTAMINATION DESCRIPTION:				
Type of contamination at site: {X} Gasoline { } Diesel { } Waste { } Kerosene { } Other:	Oil			
Free product present in wells? {X} Yes { } No				
Max. benzene/MTBE/naphthalene concentrations measured in soil: 0.392 mg/kg benzene / 0.008 mg/kg MTBE / 1.400 mg/kg naphthale	ene			
Max. benzene/MTBE/naphthalene concentrations in groundwater: 12.500 mg/L benzene / 0.470 mg/L MTBE / 0.312 mg/L naphthalene	е			

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ADEM UST SITE CLASSIFICATION SYSTEM CHECKLIST

Please read all of the following statements and mark either yes or no if the statement applies to your site. If you have conducted a Preliminary or Secondary Investigation, all questions should be answered. Closure site assessment reports may not provide you with all the necessary information, but answer the statements with the knowledge obtained during the closure site assessment.

SITE NAME:	Quick Serve #38
SITE ADDRESS:	4101 Troy Highway
	Montgomery (Montgomery County) Alabama 36116
FACILITY I.D. NO.:	26234-101-005322
UST INCIDENT NO.:	UST24-08-05
OWNER NAME:	Air Base, Inc.
OWNER ADDRESS:	6890 Vaughn Road, Montgomery, Alabama 36116
NAME & ADDRESS OF PERSON	Greg Hoagland, P.E.
COMPLETING THIS FORM:	SPHERE 3 Engineering, Inc.
	3433 Sierra Drive; Hoover, Alabama 35216

CLASSIFICATION	DESCRIPTION	YES	NO
CLASS A	IMMEDIATE THREAT TO HUMAN HEALTH, HUMAN SAFETY OR SENSITIVE ENVIRONMENTAL RECEPTOR		
A.1	Vapor concentrations at or approaching explosive levels that could cause health effects, are present in a residence or building.		
A.2	Vapor concentrations at or approaching explosive levels are present in subsurface utility system(s), but no buildings or residences are impacted.		
CLASS B	IMMEDIATE THREAT TO HUMAN HEALTH, HUMAN SAFETY OR SENSITIVE ENVIRONMENTAL RECEPTOR		
B.1	An active public water supply well, public water supply line, or public surface water intake is impacted or immediately threatened.		
B.2	An active domestic water supply well, domestic water supply line or domestic surface water intake is impacted or immediately threatened.		
B.3	The release is located within a designated Wellhead Protection Area I.		
CLASS C	IMMEDIATE THREAT TO HUMAN HEALTH, HUMAN SAFETY OR SENSITIVE ENVIRONMENTAL RECEPTOR		
C.1	Ambient vapor/particulate concentrations exceed concentrations of concern from an acute exposure, or safety viewpoint.		
C.2	Free product is present on the groundwater, at ground surface, on surface water bodies, in utilities other than water supply lines, or in surface water runoff.		

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CLASSIFICATION	DESCRIPTION	YES	NO
CLASS D	SHORT TERM THREAT TO HUMAN HEALTH, SAFETY, OR SENSITIVE ENVIRONMENTAL RECEPTORS		
D.1	There is a potential for explosive levels, or concentrations of vapors that could cause acute effects, to accumulate in a residence or other building.		
D.2	A non-potable water supply well is impacted or immediately threatened.		\boxtimes
D.3	Shallow contaminated surface soils are open to public access, and dwellings, parks, playgrounds, day care centers, schools or similar use facilities are within 500 feet of those soils.		
CLASS E	SHORT TERM THREAT TO HUMAN HEALTH, SAFETY, OR SENSITIVE ENVIRONMENTAL RECEPTORS		
E.1	A sensitive habitat or sensitive resources (sport fish, economically important species, threatened and endangered species, etc.) are impacted and affected.		
CLASS F	SHORT TERM THREAT TO HUMAN HEALTH, SAFETY, OR SENSITIVE ENVIRONMENTAL RECEPTORS		
F.1	Groundwater is impacted and a public well is located within 1 mile of the site.		
F.2	Groundwater is impacted and a domestic well is located within 1,000 feet of the site.		
F.3	Contaminated soils and/or groundwater are located within designated Wellhead Protection Areas (Areas II or III).		\boxtimes
CLASS G	SHORT TERM THREAT TO HUMAN HEALTH, SAFETY, OR SENSITIVE ENVIRONMENTAL RECEPTORS		
G.1	Contaminated soils and/or groundwater are located within areas vulnerable to contamination from surface sources.		
GLASS H	SHORT TERM THREAT TO HUMAN HEALTH, SAFETY, OR SENSITIVE ENVIRONMENTAL RECEPTORS		
H.1	Impacted surface water, stormwater or groundwater discharges within 500 feet of a surface water body used for human drinking water, whole body water-contact sports, or habitat to a protected or listed endangered plant and animal species.		
CLASS I	LONG TERM THREAT TO HUMAN HEALTH, SAFETY, OR SENSITIVE ENVIRONMENTAL RECEPTORS		
1.1.	Site has contaminated soils and/or groundwater but does not meet any of the above mentioned criteria.		

ADDITIONAL COMMENTS:

The A.1 ranking is based on the reported presence of hydrocarbon vapors in a nearby commercial building. If these reported vapors subside, reclassification may be warranted.

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Complete the classification evaluation questions listed above. Upon completion, determine the highest rank of the site (A.1 is the highest rank) based on the statements answered with a yes.

Enter the determined classification ranking:	A.1

Corrective Action Plan Certification

This Corrective Action Plan (CAP) has been developed under the guidance of and certified by Mr. Greg Hoagland, P.E., Alabama Professional Engineer #21581. The CAP certification page is presented at the beginning of this report.

INTRODUCTION

Executive Summary

As requested by the Alabama Department of Environmental Management (ADEM), this CAP has been completed for Air Base, Inc.'s Alabama Tank Trust Fund (ATTF) Underground Storage Tank (UST) facility known as Quick Serve #38, located at 4101 Troy Highway in Montgomery, Alabama. The subject facility has been impacted with a release of unleaded gasoline as identified below:

Facility I.D.: 26234-101-005322 Incident No.: UST24-08-05

CAP Objectives

The objective of the CAP is to assess that the dissolved Chemicals of Concern (COCs) concentrations, which characterize the subsurface plume at the facility, are being reduced and recovered by remediation by natural attenuation (RNA) supplemented with Mobile-Enhanced Multiphase Extraction (MEME) events.

Based on historical data for the site, RNA supplemented with MEMEs appears to be a viable and economical method of corrective action (CA). SPHERE 3 Engineering, Inc. (SPHERE 3) prepared and submitted an Alabama Risk-Based Corrective Action (ARBCA) Tier 1 and Tier 2 evaluation report to establish Site Specific Target Levels (SSTLs) for COCs concentrations in soil and groundwater at the site. The ARBCA report was approved by the ADEM in a letter dated March 19, 2025. MEMEs will provide physical removal of the dissolved COCs and free product (if present) at or near the incident source, while RNA will be used to monitor the natural reduction of dissolved COCs though degradation and possibly microbial consumption. Corrective action would be considered complete upon the confirmation of the reduction of dissolved COCs concentrations, through groundwater monitoring, to meet the SSTLs established by the ARBCA Tier 2 evaluation.

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SUMMARY OF PREVIOUSLY CONDUCTED SITE ACTIVITIES

Site Location and Description

The subject facility is located in the southwest ½ of Section 35, Township 16 North, Range 18 East and at 32°19'17.41" North Latitude and 86°14'09.09" West Longitude (Figure 1). The physical address of the facility is 4101 Troy Highway, Montgomery, Montgomery County, Alabama. Land surface elevation at the site is approximately 242 feet above mean sea level (amsl). The facility property is currently improved with an active convenience store building. Gasoline motor fuels are currently stored and dispensed at the facility. According to the ADEM UST Site Classification System Checklist, the facility has a ranking of A.1. This ranking is based on the reported presence of hydrocarbon vapors in a commercial building near the site.

Description of Release

SPHERE 3 was contracted by Air Base, Inc. to provide Response Action Contractor services for their UST facility known as Quick Serve #38 in Montgomery, Alabama. The CAP reported herein was authorized by the ADEM in a letter dated May 5, 2025.

No discrepancies or irregularities were noted during operation of the UST system and the volume of the release is unknown.

Geologic and Hydrogeological Setting

According to Water-Resources Investigations Report 86-4360 (1987), the subject site is located in the Black Prairie District of the East Gulf Coastal Plain Physiographic Section in north-central Montgomery County. The area is named for the black soil present common to the district. The Black Prairie is gently- to moderately-rolling flatlands that is characterized by extensive grasslands and very few trees. The land surface ranges from 150-420 feet. Drainage is generally north-northwestward to the Alabama and Tallapoosa Rivers.

There are no significant structural features within this section of the coastal plain. The various (generally unconsolidated) rock units dip toward the south and southwest at a gentle angle. There are no large folds or fault systems mapped for this physiographic section.

The Geologic unit beneath the target property is the Upper Cretaceous (Selma Group) Mooreville Chalk, which is mapped as a thick, east-west band across north-central Montgomery County (Figure 3). The Mooreville Chalk overlies the Eutaw, Gordo, and Coker Formations and consists of 400-500 feet chalk, calcareous clay, sandy clay, and limestone. The Arcola Limestone member marks the top of the unit and consists of two to four thin beds of limestone separated by clay and sandy clay. The Mooreville Chalk is described as relatively impermeable. This formation is further described as medium- to light-gray, to yellowish-gray, finely sandy, argillaceous, fossiliferous chalk. The formation is overlain to the south by the Demopolis Chalk, another generally impermeable unit.

The Mooreville Chalk is not described as a water-bearing unit. The formation is relatively impermeable and designated as a confining unit for the underlying water-bearing formations. For mapping purposes, the Mooreville Chalk is often combined as part of the underlying aquifer

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units, which are the major source of public water supply in Montgomery County. Sand and gravel beds within the Eutaw, Gordo, and Coker aquifers provide groundwater in abundant and sometimes, artesian conditions. In the absence of confining beds, many of the areas of recharge for aquifers in the area are susceptible to surface contamination.

Thirteen soil borings/monitor wells (SB-1/MW-1 through SB-13/MW-13) have been installed at the site to date as part of the Preliminary and Secondary Investigation activities. Soil borings SB-1 through SB-13 were each terminated at an approximate depth of 13 feet below ground surface (bgs). These borings were completed as Type II monitor wells MW-1 through MW-13, respectively.

Lithologies encountered during soil boring installation generally consisted of tan and light-gray, silty clay and clayey silty, gray silt, that included beds of fine, white pebbles, mica flakes, fine white shell fragments, platy calcite beds, and iron concretions. The contact with the dark-(olive)-gray, lightly micaceous, partly fossiliferous, chalk was encountered at approximately 13 feet bgs.

Monitor wells MW-1 through MW-13 were each constructed with 10 feet of slotted well screen. During the most recent gauging event of April 28, 2025, static groundwater levels in the Type II monitor wells ranged 2.92 feet below top of casing (btoc) in monitor well MW-2 to 7.22 feet btoc in monitor well MW-8. The corresponding potentiometric surface elevations ranged from 234.47 feet amsl in monitor well MW-8 to 239.05 feet amsl in monitor well MW-9, based on an approximate facility elevation of 242 feet amsl. Interpretation of the potentiometric data indicates a groundwater flow direction generally toward the southwest, under a hydraulic gradient of approximately 2.7 feet per 100 feet.

Area Water Wells and Other Potential Environmental Receptors

An inventory (area reconnaissance and utility interview) for private water supply wells revealed no private water supply wells located within 1,000 feet of the facility. The area surrounding the facility is supplied with water by the Montgomery Water Works and Sanitary Sewer Board which has no record of private wells in this area.

An inventory of public water supply wells revealed no public water supply wells located within one mile of the facility. The inventory consisted of a telephone interview with the Montgomery Water Works and Sewer Board (MWWSB) on October 11, 2024. According to the MWWSB, the nearest public supply water well is located more than four miles from the subject facility. Wellhead and source water protection areas have been established, and the subject property is not located within these areas.

Underground utilities identified on site included telecommunications (coaxial cable and fiber optic) which are operated by AT&T and traverse northwest-southeast along the common boundary with the Troy Highway right-of-way. Part of that telecommunication line turns south along the western side of Catherine Drive. A 16" diameter, ductile, water main, is located, northwest-southeast, in that same right-of-way. There is a water hydrant located near the northwest corner of the property, near Catherine Drive. Approximately 6 feet southeast of the

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water main, traversing northwest-southeast across the site (within the right-of-way) is an 8-inch clay sanitary sewer trunk line which services the properties along the southeast side of the highway and falls toward the southeast. A natural gas main (Spire) was marked as traversing south along the western Catherine Drive right-of-way. See Figure 4.

Compilation of Previously Conducted Site Remediation Activities

To date, CAP activities conducted as a result of the incident include the soil and groundwater sampling activities associated with the Preliminary and Secondary Investigations; Initial Abatement activities which included a 72-hour Mobile-Enhanced Multiphase Extraction (MEME) event for recovery of free product and hydrocarbon-impacted groundwater; free product recovery activities, via three, 8-hour MEME events (once per month for three months), and; one MEME-supplemented interim groundwater monitoring event.

Compilation of Free Product Data from Site Investigations

Free product was initially encountered at the site on August 19, 2024, during the Preliminary Investigation activities. On that date, free product was encountered in gasoline UST area compliance wells CW-1, CW-2, and CW-3, at apparent thicknesses of 0.14 feet, 0.28 feet, and 0.16 feet, respectively. During the pre-MEME gauging event of September 16, 2024, the apparent thicknesses of free product in these three wells were 0.10 feet, 0.09 feet, and 0.05 feet, respectively. Free product has not been detected in any of the wells since September 16, 2024. Historical water level elevation worksheets are presented in Appendix A.

Compilation of Soil Data from Site Investigations

As part of the incident investigation activities, a total of 26 soil samples were submitted for laboratory analysis. Each soil sample was analyzed for COCs benzene, toluene, ethylbenzene and xylenes (BTEX), methyl tert-butyl ether (MTBE), and naphthalene using Environmental Protection Agency (EPA) method 8260B. A summary of the results of the soil analyses is presented in Table 1 and a summary of the most recent soil analyses is depicted on Figure 5.

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TABLE 1 COCs IN SOILS SUMMARY										
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	DEPTH	BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES	MTBE	NAPH- THALENE			
BORING	(feet)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)			
SB-1	5	0.021	<0.005	0.710	0.057	<0.005	1.400			
	12	<0.005	<0.005	<0.005	<0.015	<0.005	<0.025			
SB-2	4	<0.005	<0.005	0.045	<0.015	<0.005	0.353			
	8	<0.005	<0.005	<0.005	<0.015	<0.005	<0.025			
SB-3	6	0.250	0.009	0.810	1.700	0.008	0.665			
	10	<0.005	<0.005	<0.005	<0.015	<0.005	<0.025			
SB-4	6	<0.005	<0.005	<0.005	<0.015	<0.005	<0.025			
	10	<0.005	<0.005	<0.005	<0.015	<0.005	<0.025			
SB-5	5	0.264	0.985	0.271	1.410	<0.005	0.209			
	10	0.392	4.320	3.380	16.100	0.008	1.200			
SB-6	5	0.015	0.021	<0.005	<0.015	<0.005	<0.025			
	8	<0.005	<0.005	<0.005	<0.015	<0.005	<0.025			
SB-7	5	<0.005	<0.005	<0.005	<0.015	<0.005	<0.025			
	10	<0.005	<0.005	<0.005	<0.015	<0.005	<0.025			
SB-8	5	<0.005	<0.005	<0.005	<0.015	<0.005	<0.025			
	10	0.011	0.027	0.007	0.038	<0.005	<0.025			
SB-9	5	<0.005	<0.005	<0.005	<0.015	<0.005	<0.025			
	10	<0.005	<0.005	<0.005	<0.015	<0.005	<0.025			
SB-10	5	<0.005	<0.005	<0.005	<0.015	<0.005	<0.025			
	10	<0.005	<0.005	<0.005	<0.015	<0.005	<0.025			
SB-11	5	<0.005	< 0.005	< 0.005	< 0.015	<0.005	<0.025			
00.40	10	<0.005	<0.005	<0.005	<0.015	<0.005	<0.025			
SB-12	5	<0.005	<0.005	<0.005	<0.015	<0.005	<0.025			
CD 42	10 5	<0.005	<0.005	<0.005	<0.015	<0.005	<0.025			
SB-13	_	<0.005	<0.005	<0.005	<0.015	<0.005	<0.025			
GRP S	10	<0.005	<0.005	<0.005	<0.015	<0.005	0.353			
Motos:	SILS	0.249	99.200	97.900	413.000	0.312	15.000			

Notes:

mg/kg - milligrams per kilogram

GRP SSTLs – Site-Specific Target Levels protective of the Groundwater Resource Protection Area, as calculated using the ARBCA Tier 2 Program

Concentrations in **bold** type exceed applicable GRP SSTLs

As shown in Table 1, benzene concentrations in soil samples collected at a depth of 6 feet in soil boring SB-3, and at depths of 5 feet and 10 feet in soil boring SB-5 exceeded applicable SSTLs protective of the Groundwater Resource Protection (GRP) area, as established by the ARBCA Tier 2 evaluation. Laboratory analytical reports for soil samples collected at the site are presented in Appendix B.

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Compilation of Groundwater Data

The facility's current monitor well network consists of 13 Type II monitor wells (MW-1 through MW-13). See Figure 4.

The most recent gauging event was conducted at the site on April 28, 2025. On that date, SPHERE 3 personnel gauged Type II monitor wells MW-1 through MW-13. Free product was not detected in any of the wells. Static groundwater levels in the Type II monitor wells ranged 2.92 feet below btoc in monitor well MW-2 to 7.22 feet btoc in monitor well MW-8. The corresponding potentiometric surface elevations ranged from 234.47 feet amsl in monitor well MW-8 to 239.05 feet amsl in monitor well MW-9, based on an approximate facility elevation of 242 feet amsl. Interpretation of the potentiometric data indicates a groundwater flow direction generally toward the southwest, under a hydraulic gradient of approximately 2.7 feet per 100 feet.

The groundwater elevation data as measured on April 28, 2025 are presented on Figure 6. Historical water level elevation worksheets are provided in Appendix A.

Subsequent to the monitor well gauging activities of April 28, 2025, SPHERE 3 personnel purged and sampled monitor wells MW-1 through MW-13. A quality control duplicate sample was collected from monitor well MW-13. Each groundwater sample was labeled, stored on ice, and transported to Sutherland Environmental Company, Inc. under chain-of-custody protocol for analysis of dissolved COCs BTEX, MTBE, and naphthalene by EPA Method 8260B. The dissolved COCs concentrations as measured on April 28, 2025 are presented on Figure 7.

To monitor the dissolved plume, groundwater samples have been collected at each monitor well as part of the various phases of investigative and re-sampling activities. Laboratory analytical reports for groundwater samples collected at the site are presented in Appendix C. Historical dissolved COCs data are summarized in Appendix D.

Summary of the ARBCA Evaluation as Compared to Current Data

SSTLs have been generated for the facility through a Tier 2 ARBCA evaluation. The results of the Tier 2 evaluation indicated that benzene concentrations in soil samples collected at a depth of 6 feet in soil boring SB-3, and at depths of 5 feet and 10 feet in soil boring SB-5 exceeded applicable SSTLs protective of the GRP area. The SSTLs protective of the GRP for soils are the most stringent of the Tier 2 target levels, including those generated for any reasonably completed human exposure pathways.

The most recent dissolved COCs concentrations are included in the historical dissolved COCs data table, which is presented in Appendix D. The historical dissolved COCs data table also includes the ARBCA Tier 2 SSTLs protective of the GRP area. According to the historical dissolved COCs concentrations table, the most recent dissolved benzene concentration in samples collected from MW-5 exceeded the applicable SSTL protective of the GRP area.

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Concentration and Distribution of Chemicals of Concern Exceeding SSTLs

The results of the Tier 2 evaluation indicated that benzene concentrations in soil samples collected at a depth of 6 feet in soil boring SB-3, and at depths of 5 feet and 10 feet in soil boring SB-5 exceeded the applicable SSTL of 0.249 mg/kg.

The most recently measured dissolved benzene concentration in samples collected from MW-5 exceeded the applicable SSTL protective of the GRP area.

CORRECTIVE ACTION PLAN

Source Area Remediation

The source area is located about source monitor well MW-5, with lateral migration of the dissolved COCs plume generally to the northwest, in the vicinity of compliance monitor well MW-4. Plume migration to the south of MW-5 may also have occurred. Due to the presence of numerous underground and overhead utilities in this area, however, additional delineation in this area may not be safely conducted. The objectives of source area remediation will be to physically recover any free product (if present), and to expedite reduction of dissolved-phase COCs. In an effort to achieve these objectives, quarterly MEME events are currently proposed. Each MEME event will have a duration of 8 hours and will target the source area.

To confirm the natural degradation process of the dissolved COCs, a quarterly groundwater monitoring program will be implemented. Groundwater monitoring will be performed to measure the success of the MEME events and to confirm that the dissolved COCs concentrations are decreasing to levels below the applicable SSTLs.

Prior to each quarterly groundwater re-sampling event, groundwater levels in the existing 13 monitor wells (MW-1 through MW-13) will be gauged with an oil/water interface probe. Groundwater samples then will be collected from all 13 monitor wells. Prior to sampling, each well to be sampled will be purged of approximately three well volumes or until dry and allowed to recharge. Each of the samples will be submitted for laboratory analysis of BTEX, MTBE, and naphthalene using EPA method 8260B. Intrinsic parameters including pH, temperature, and specific conductance also will be measured in the field during each sampling event.

Groundwater purging will be conducted with single-use disposable bailers and/or a submersible pump. Groundwater sampling will be conducted with single-use, disposable, PVC bailers and nylon rope. SPHERE 3 estimates that approximately 60 gallons of purge liquids will be generated during each groundwater sampling event. Due to the likely hood that an on-site tote would be stolen, SPHERE 3 personnel will transport all purge liquids, consisting of petroleum-contact water (PCW) and residual free product (if present), to SPHERE 3's Hoover AL location and temporarily stored within a caged tote. Liquids in the tote will be evacuated as a batch by Brown Remediation of Atlanta, GA and transported to Sunoco of Birmingham, AL for disposal.

To document the findings of each re-sampling event, an ADEM formatted MEME-Supplemented Natural Attenuation Monitoring Report (NAMR), along with the necessary figures and tables will be prepared and submitted within one month of each re-sampling event.

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Estimated Duration of Clean-up

The estimated time (or duration) of clean-up has been based solely on experience. The duration is estimated as five years. To estimate the duration, SPHERE 3 assumes:

- no more than nine quarterly MEME events will be required to significantly reduce the magnitude of the source area dissolved COCs, and;
- all dissolved COCs concentrations will be stable at or below their respective SSTL within 60 months of CAP implementation.

If, after 60 months of CAP implementation, further Corrective Action is required, an amended CAP may be submitted to propose more aggressive techniques to expedite closure.

Implementation Cost Proposals

Upon request, ATTF Cost Proposals CP-9 through CP-12 for implementation of four quarterly MEME-supplemented natural attenuation monitoring events will be submitted to the ADEM.

PERSONNEL AND SUBCONTRACTOR QUALIFICATIONS

The activities associated with the CAP were completed by the following SPHERE 3 personnel/subcontractors:

Project Manager: Greg Hoagland, P.E.

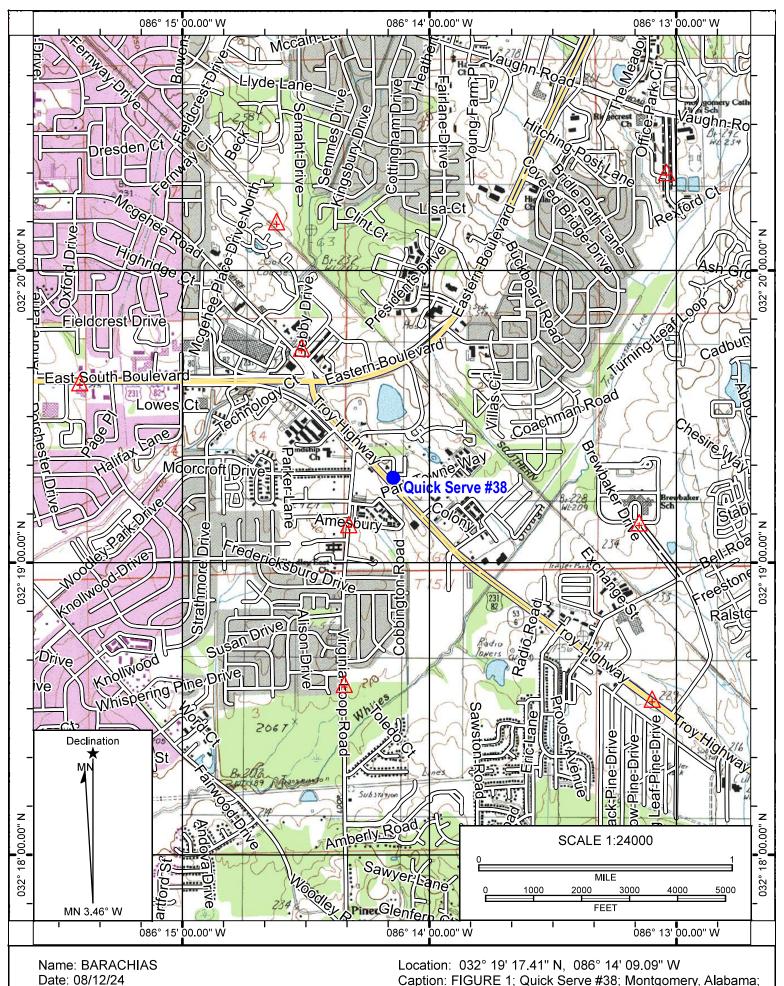
Report Preparation: Jonathan A. Hunter, P.G., and Greg Hoagland, P.E.

Report Drafting: Mark Pate
Report Production: Karen Embry

Report Review: Greg Hoagland, P.E.

The project was managed and supervised by Greg Hoagland, Professional Engineer. The report was prepared by Mr. Hoagland and Mr. Hunter. Mr. Hunter and Mr. Hoagland have conducted numerous Preliminary and Secondary Investigations, and have prepared numerous CAPs under the Alabama Tank Trust Fund (ATTF).



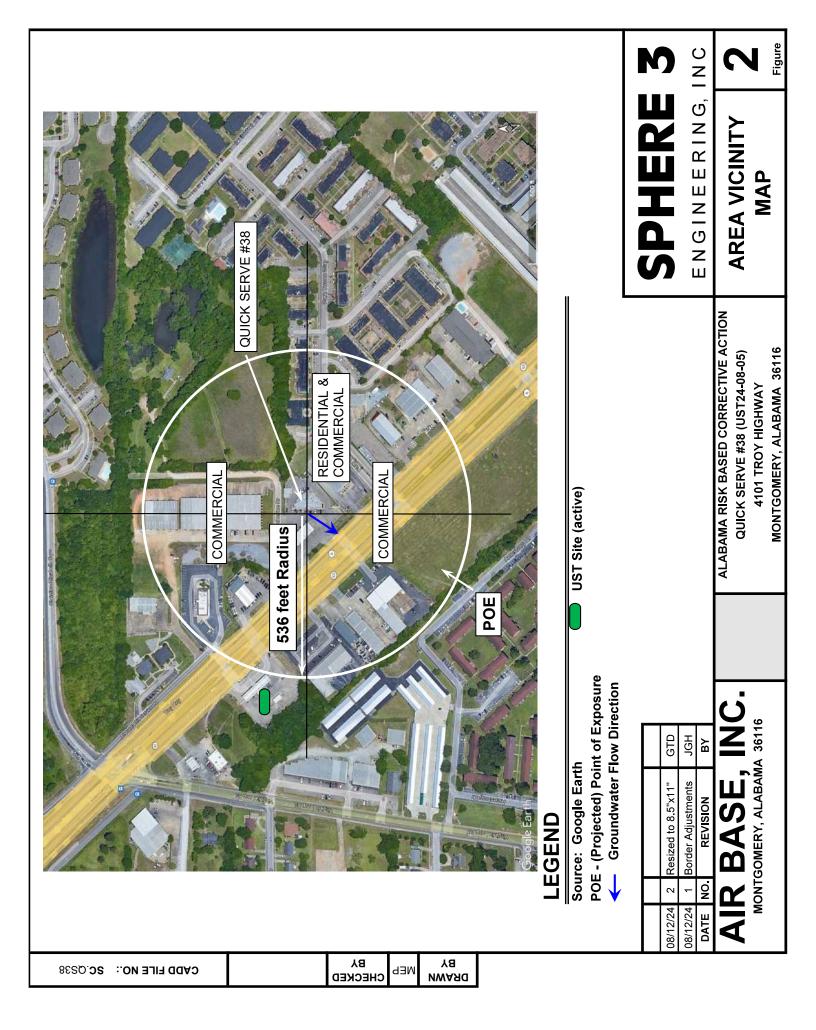


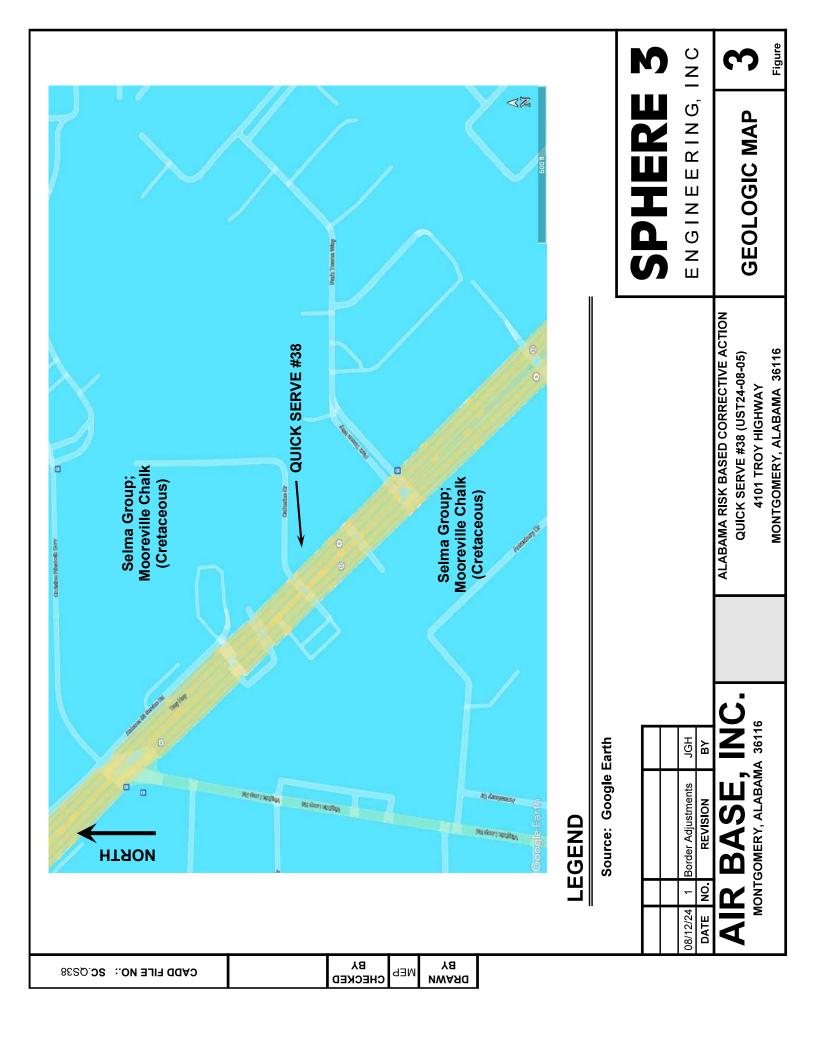
Scale: 1 inch = 2,000 ft.

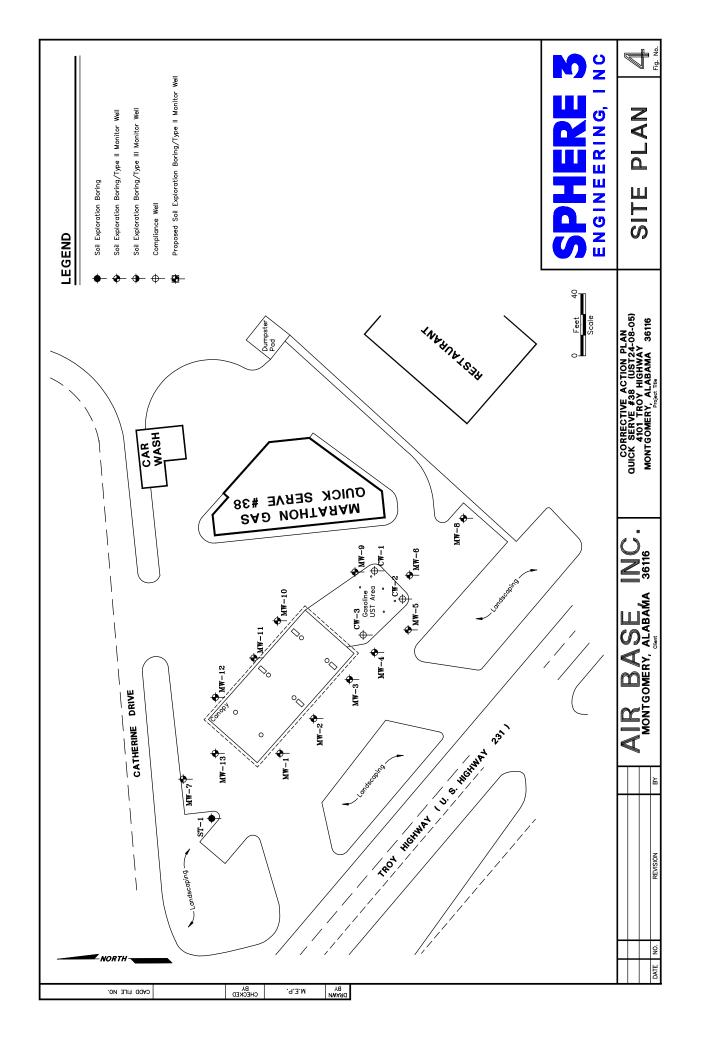
Caption: FIGURE 1; Quick Serve #38; Montgomery, Alabama;

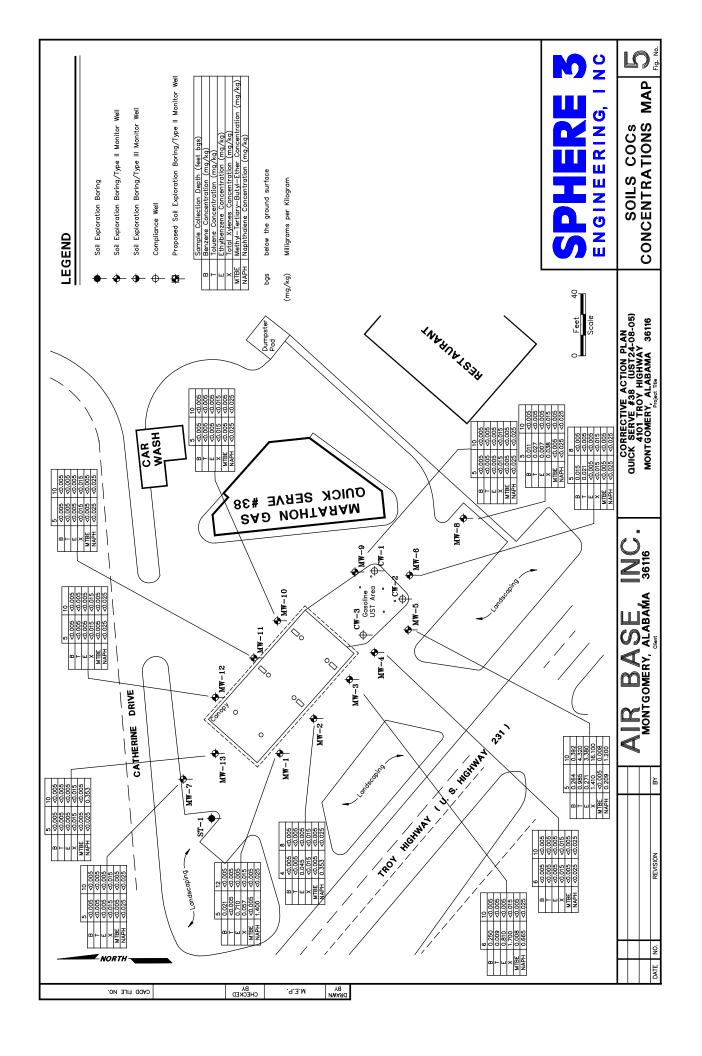
Area Vicinity Map

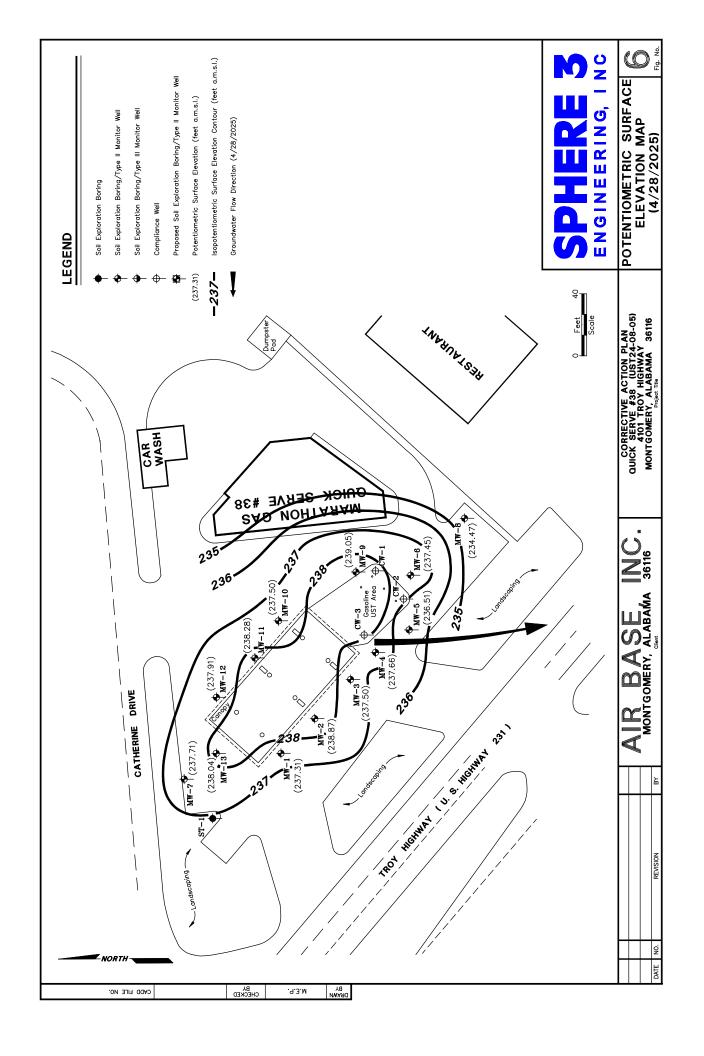
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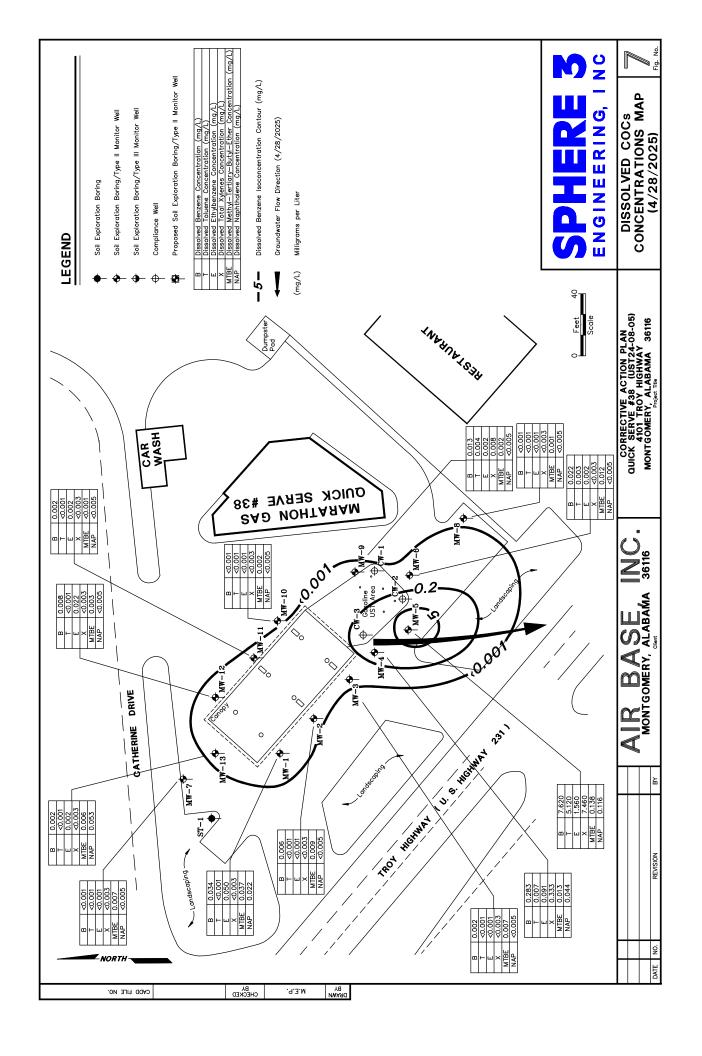


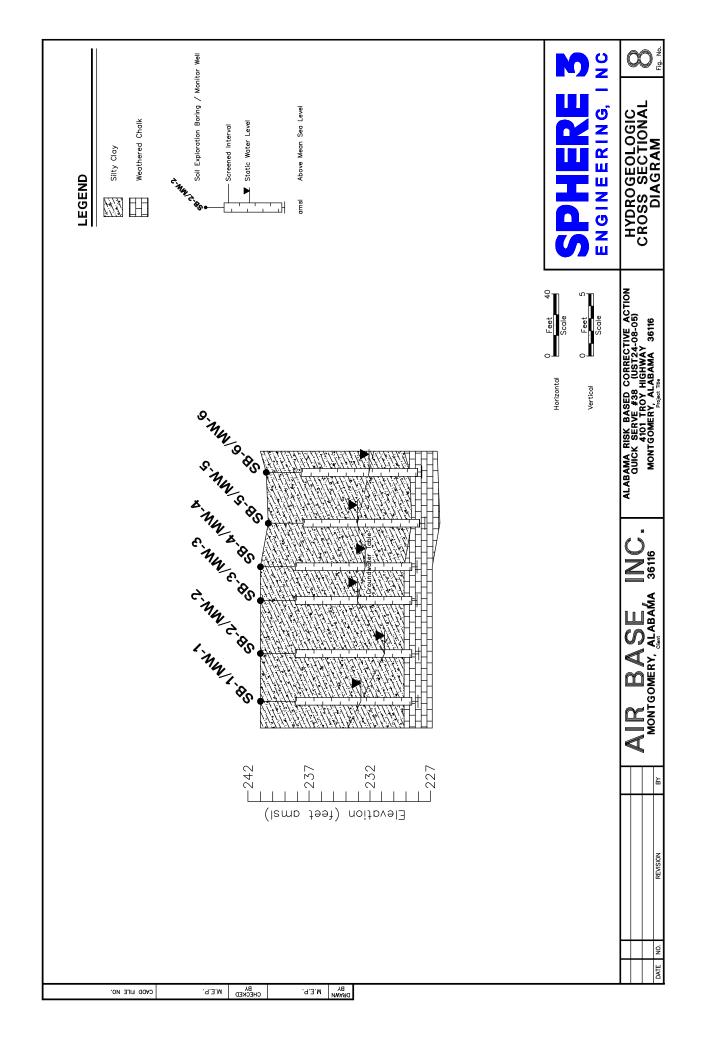
















 CLIENT:
 Air Base, Inc.
 Page:
 1 of 1

 LOCATION:
 Quick Serve #38 (UST24-08-05)
 File Number:
 SC.QS38.01

 4101 Troy Highway
 Event Date:
 8/19/2024

Montgomery, Alabama 36116

Pre - MEME Event Sampling Event Post - MEME Event Free Product Recovery							
Monitor Well	Casing	Depth to	Depth to	Free Product	Water	Free Product	Potentiometric
Identification	Elevation	Free Product		Surface	Surface	Thickness	Surface
luciumeation	Lievation	FIEE FIOUUCE	Water	Elevation	Elevation	Tilleniess	Elevation
	(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(feet)
MW-1	241.66	ND	9.30	NA	232.36	NA	232.36
MW-2	241.79	ND	10.89	NA	230.90	NA	230.90
MW-3	241.92	ND	9.26	NA	232.66	NA	232.66
MW-4	241.43	ND	9.33	NA	232.10	NA	232.10
MW-5	241.41	ND	8.57	NA	232.84	NA	232.84
MW-6	241.67	ND	10.14	NA	231.53	NA	231.53
CW-1	242.42	3.68	3.82	238.74	238.60	0.14	238.71
CW-2	241.39	2.62	2.90	238.77	238.49	0.28	238.70
CW-3	241.57	2.80	2.96	238.77	238.61	0.16	238.73

Notes:

Elevations are referenced to mean sea level



CLIENT:Air Base, Inc.Page:1 of 1LOCATION:Quick Serve #38 (UST24-08-05)File Number:SC.QS38.014101 Troy HighwayEvent Date:9/16/2024

Montgomery, Alabama 36116

Pre - MEME Event Sampling E					npling Event	L	
Taganitan Wall	Tourism	To and to	To and 40	True Dundant	T10/-4	True Dundant	To the section of the least of
Monitor Well Identification	Casing	Depth to	Depth to	Free Product			Potentiometric
Identification	Elevation	Free Product	water	Surface Elevation	Surface Elevation	Thickness	Surface Elevation
	(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(feet)
MW-1	241.66	ND	5.45	NA	236.21	NA	236.21
MW-2	241.79	ND	6.06	NA NA	235.73	NA NA	235.73
MW-3	241.92	ND	5.23	NA NA	236.69	NA NA	236.69
MW-4	241.43	ND	5.79	NA NA	235.64	NA NA	235.64
MW-5	241.41	ND	6.88	NA NA	234.53	NA NA	234.53
MW-6	241.67	ND	4.99	NA NA	236.68	NA	236.68
CW-1	242.42	3.08	3.18	239.34	239.24	0.10	239.32
CW-2	241.39	2.05	2.14	239.34	239.25	0.09	239.32
CW-3	241.57	2.23	2.28	239.34	239.29	0.05	239.33
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Notes:

Elevations are referenced to mean sea level



CLIENT:Air Base, Inc.Page:1 of 1LOCATION:Quick Serve #38 (UST24-08-05)File Number:SC.QS38.014101 Troy HighwayEvent Date:9/19/2024

Montgomery, Alabama 36116

	MEME Event]		npling Event			
Post -	MEME Event			Free Produ	ct Recovery	,		
Monitor Well	Casing Elevation	Depth to	Depth to	Free Product	Water Surface	Free Product	Potentiometric Surface	
Поепинсацон	(feet)	(feet)	(feet)	Elevation (feet)	Elevation		Elevation	
MW-1	241.66	ND	5.51	NA	(feet) 236.15	(feet) NA	(feet) 236.15	
MW-2	241.00	ND	6.11	NA NA	235.68	NA NA	235.68	
MW-3	241.79	ND	5.34	NA NA	236.58	NA NA	236.58	
MW-4	241.43	ND	6.29	NA NA	235.14	NA NA	235.14	
MW-5	241.41	ND	6.87	NA NA	234.54	NA NA	234.54	
MW-6	241.67	ND	5.84	NA	235.83	NA	235.83	
CW-1	242.42	1	Dry					
CW-2	241.39	†	Dry					
CW-3	241.57		Dry					
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Notes:

Elevations are referenced to mean sea level



 CLIENT:
 Air Base, Inc.
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 LOCATION:
 Quick Serve #38 (UST24-08-05)
 File Number:
 SC.QS38.06

 4101 Troy Highway
 Event Date:
 11/13/2024

Montgomery, Alabama 36116

Pre - MEME Event	Sampling Event	
Post - MEME Event	Free Product Recovery	

Monitor Well	Casing	Depth to	Depth to	Free Product	Water	Free Product	Potentiometri
dentification	Elevation	Free Product	Water	Surface	Surface	Thickness	Surface
				Elevation	Elevation		Elevation
	(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(feet)
MW-1	241.66	ND	5.65	NA	236.01	NA	236.01
MW-2	241.79	ND	4.60	NA	237.19	NA	237.19
MW-3	241.92	ND	5.25	NA	236.67	NA	236.67
MW-4	241.43	ND	4.85	NA	236.58	NA	236.58
MW-5	241.41	ND	7.02	NA	234.39	NA	234.39
MW-6	241.67	ND	5.15	NA	236.52	NA	236.52
CW-1	242.42	ND	3.87	NA	238.55	NA	238.55
CW-2	241.39	ND	2.85	NA	238.54	NA	238.54
CW-3	241.57	ND	2.96	NA	238.61	NA	238.61
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Elevations are referenced to mean sea level



 CLIENT:
 Air Base, Inc.
 Page:
 1 of 1

 LOCATION:
 Quick Serve #38 (UST24-08-05)
 File Number:
 SC.QS38.06

 4101 Troy Highway
 Event Date:
 11/13/2024

Montgomery, Alabama 36116

Pre - MEME Event	Sampling Event	
Post - MEME Event	Free Product Recovery	

Monitor Well	Casing	Depth to	Depth to	Free Product	Water	Free Product	Potentiometric
Identification	Elevation	_	Water	Surface	Surface	Thickness	Surface
				Elevation	Elevation		Elevation
	(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(feet)
MW-1	241.66	ND	5.65	NA	236.01	NA	236.01
MW-2	241.79	ND	4.64	NA	237.15	NA	237.15
MW-3	241.92	ND	5.27	NA	236.65	NA	236.65
MW-4	241.43	ND	7.32	NA	234.11	NA	234.11
MW-5	241.41	ND	8.55	NA	232.86	NA	232.86
MW-6	241.67	ND	7.42	NA	234.25	NA	234.25
CW-1	242.42	ND	3.98	NA	238.44	NA	238.44
CW-2	241.39	ND	2.94	NA	238.45	NA	238.45
CW-3	241.57	ND	2.99	NA	238.58	NA	238.58
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Notes:

Elevations are referenced to mean sea level



CLIENT:Air Base, Inc.Page:1 of 1LOCATION:Quick Serve #38 (UST24-08-05)File Number:SC.QS38.034101 Troy HighwayEvent Date:12/13/2024

Montgomery, Alabama 36116

Pre -	MEME Event			San	npling Event		
Post -	MEME Event			Free Produ	ict Recovery		
Monitor Well Identification	Casing Elevation	Depth to Free Product	Depth to Water	Free Product Surface Elevation	Water Surface Elevation	Free Product Thickness	Potentiometric Surface Elevation
	(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(feet)
MW-1	241.66	ND	5.70	NA	235.96	NA	235.96
MW-2	241.79	ND	4.28	NA	237.51	NA	237.51
MW-3	241.92	ND	5.03	NA	236.89	NA	236.89
MW-4	241.43	ND	4.12	NA	237.31	NA	237.31
MW-5	241.41	ND	6.56	NA	234.85	NA	234.85
MW-6	241.67	ND	5.02	NA	236.65	NA	236.65
MW-7	241.79	ND	11.05	NA	230.74	NA	230.74
MW-8	241.69	ND	12.54	NA	229.15	NA	229.15
MW-9	242.23	ND	4.31	NA	237.92	NA	237.92
MW-10	242.32	ND	4.40	NA	237.92	NA	237.92
MW-11	242.39	ND	5.36	NA	237.03	NA	237.03
MW-12	242.33	ND	8.18	NA	234.15	NA	234.15
MW-13	241.97	ND	4.60	NA	237.37	NA	237.37
CW-1	242.42			Not C	Gauged		
CW-2	241.39			Not C	Gauged		
CW-3	241.57			Not G	Gauged		
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Notes:

Elevations are referenced to mean sea level



 CLIENT:
 Air Base, Inc.
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 LOCATION:
 Quick Serve #38 (UST24-08-05)
 File Number:
 SC.QS38.06

 4101 Troy Highway
 Event Date:
 1/3/2025

Montgomery, Alabama 36116

	MEME Event				npling Event	L	
Monitor Well Identification	Casing Elevation (feet)	Depth to Free Product (feet)	Depth to Water (feet)	Free Product Surface Elevation (feet)	Water Surface Elevation (feet)	Free Product Thickness (feet)	Potentiometric Surface Elevation (feet)
MW-1	241.66	ND	6.20	NA	235.46	NA	235.46
MW-2	241.79	ND	5.82	NA	235.97	NA	235.97
MW-3	241.92	ND	5.87	NA	236.05	NA	236.05
MW-4	241.43	ND	4.61	NA	236.82	NA	236.82
MW-5	241.41	ND	6.82	NA	234.59	NA	234.59
MW-6	241.67	ND	6.23	NA	235.44	NA	235.44
CW-1	242.42	ND	3.40	NA	239.02	NA	239.02
CW-2	241.39	ND	2.35	NA	239.04	NA	239.04
CW-3	241.57	ND	2.55	NA	239.02	NA	239.02

Notes:

Elevations are referenced to mean sea level



Air Base, Inc. **CLIENT:** Page: 1 of 1 **LOCATION:** Quick Serve #38 (UST24-08-05) File Number: SC.QS38.06 **Event Date:** 1/3/2025

4101 Troy Highway

Montgomery, Alabama 36116

Pre - MEME Event	Sampling Event	
Post - MEME Event	Free Product Recovery	

Monitor Well	Casing	Depth to	Depth to	Free Product	Water	Free Product	Potentiometri
dentification	Elevation	Free Product	Water	Surface	Surface	Thickness	Surface
				Elevation	Elevation		Elevation
	(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(feet)
MW-1	241.66	ND	6.22	NA	235.44	NA	235.44
MW-2	241.79	ND	5.81	NA	235.98	NA	235.98
MW-3	241.92	ND	5.90	NA	236.02	NA	236.02
MW-4	241.43	ND	6.71	NA	234.72	NA	234.72
MW-5	241.41	ND	8.29	NA	233.12	NA	233.12
MW-6	241.67	ND	7.97	NA	233.70	NA	233.70
CW-1	242.42	ND	3.85	NA	238.57	NA	238.57
CW-2	241.39	ND	2.93	NA	238.46	NA	238.46
CW-3	241.57	ND	3.04	NA	238.53	NA	238.53
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Notes:

Elevations are referenced to mean sea level



 CLIENT:
 Air Base, Inc.
 Page:
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 LOCATION:
 Quick Serve #38 (UST24-08-05)
 File Number:
 SC.QS38.06

 4101 Troy Highway
 Event Date:
 1/30/2025

Montgomery, Alabama 36116

Pre - MEME Event				Sam	pling Event	:
Post - MEME Event		Free Produc	ct Recovery	,		
Monitor Well	Casing	Depth to	Depth to	Free Product	Water	Free Product Potentiometric

Monitor Well	Casing	Depth to	Depth to	Free Product	Water	Free Product	Potentiometri
dentification	Elevation	Free Product	Water	Surface	Surface	Thickness	Surface
				Elevation	Elevation		Elevation
	(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(feet)
MW-1	241.66	ND	5.87	NA	235.79	NA	235.79
MW-2	241.79	ND	5.08	NA	236.71	NA	236.71
MW-3	241.92	ND	5.21	NA	236.71	NA	236.71
MW-4	241.43	ND	3.99	NA	237.44	NA	237.44
MW-5	241.41	ND	6.72	NA	234.69	NA	234.69
MW-6	241.67	ND	6.07	NA	235.60	NA	235.60
CW-1	242.42	ND	3.32	NA	239.10	NA	239.10
CW-2	241.39	ND	2.31	NA	239.08	NA	239.08
CW-3	241.57	ND	2.46	NA	239.11	NA	239.11
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Notes:

Elevations are referenced to mean sea level



 CLIENT:
 Air Base, Inc.
 Page:
 1 of 1

 LOCATION:
 Quick Serve #38 (UST24-08-05)
 File Number:
 SC.QS38.06

 4101 Troy Highway
 Event Date:
 1/30/2025

Montgomery, Alabama 36116

Pre - MEME Event	Sampling Event	
Post - MEME Event	Free Product Recovery	

Monitor Well	Casing	Depth to	Depth to	Free Product	Water	Free Product	Potentiometri
dentification	Elevation	Free Product	Water	Surface	Surface	Thickness	Surface
				Elevation	Elevation		Elevation
	(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(feet)
MW-1	241.66	ND	6.21	NA	235.45	NA	235.45
MW-2	241.79	ND	5.76	NA	236.03	NA	236.03
MW-3	241.92	ND	5.81	NA	236.11	NA	236.11
MW-4	241.43	ND	6.84	NA	234.59	NA	234.59
MW-5	241.41	ND	8.27	NA	233.14	NA	233.14
MW-6	241.67	ND	8.02	NA	233.65	NA	233.65
CW-1	242.42	ND	3.79	NA	238.63	NA	238.63
CW-2	241.39	ND	3.02	NA	238.37	NA	238.37
CW-3	241.57	ND	3.25	NA	238.32	NA	238.32
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Notes:

Elevations are referenced to mean sea level



CLIENT:Air Base, Inc.Page:1 of 1LOCATION:Quick Serve #38 (UST24-08-05)File Number:SC.QS38.074101 Troy HighwayEvent Date:4/28/2025

Montgomery, Alabama 36116

Pre -	MEME Event			Sam	npling Event		
Post -	MEME Event	t		Free Produ	ct Recovery	L	
Monitor Well	Casing	Depth to	Depth to	Free Product	Mator	Teres Product	Potentiometric
Identification	Elevation	Free Product	I -	Surface	Surface	Thickness	Surface
Identification	Elevation	Free Froduct	Water	Elevation	Elevation	Illickiless	Elevation
	(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(feet)
MW-1	241.66	ND	4.35	NA	237.31	NA	237.31
MW-2	241.79	ND	2.92	NA	238.87	NA	238.87
MW-3	241.92	ND	4.42	NA	237.50	NA	237.50
MW-4	241.43	ND	3.77	NA	237.66	NA	237.66
MW-5	241.41	ND	4.90	NA	236.51	NA	236.51
MW-6	241.67	ND	4.22	NA	237.45	NA	237.45
MW-7	241.79	ND	4.08	NA	237.71	NA	237.71
MW-8	241.69	ND	7.22	NA	234.47	NA	234.47
MW-9	242.23	ND	3.18	NA	239.05	NA	239.05
MW-10	242.32	ND	4.82	NA	237.50	NA	237.50
MW-11	242.39	ND	4.11	NA	238.28	NA	238.28
MW-12	242.33	ND	4.42	NA	237.91	NA	237.91
MW-13	241.97	ND	3.93	NA	238.04	NA	238.04
CW-1	242.42			Not C	Sauged		
CW-2	241.39				Gauged		
CW-3	241.57			Not G	Gauged		
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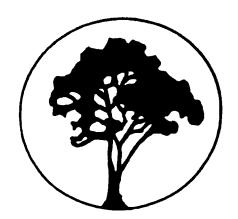
Notes:

Elevations are referenced to mean sea level



Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Sphere 3 Engineering, Inc.
Attention: Mr. Greg Hoagland
Address: 3433 Sierra Drive
Hoover, AL 35216

Report Date:
Reference # 52035
SC.QS38.01
Project ID: Quick Serve #38

Sample Matrix:soilAnalyticalDate Received:8/9/24Analyst:Hageman/HeardDate Collected:8/7/24Date of Analysis:8/12-15/24Sample Collector:G. KarstensMethod:EPA Method 8260B

VOLAT	VOLATILE ORGANICS - BTEX/MTBE/NAPHTHALENE									
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID				
	SB-1 @ 5'	SB-1 @ 12'	SB-2 @ 4'	SB-2 @ 8'	SB-3 @ 6'	SB-3 @ 10'				
Volatile	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection			
Organic, ppm	258120	258121	258122	258123	258124	258125	Limit, ppm			
Benzene	0.021	BDL	BDL	BDL	0.250	BDL	0.005			
Toluene	BDL	BDL	BDL	BDL	0.009	BDL	0.005			
Ethylbenzene	0.710	BDL	0.045	BDL	0.810	BDL	0.005			
Xylenes, o,m,p	0.057	BDL	BDL	BDL	1.700	BDL	0.015			
MTBE	BDL	BDL	BDL	BDL	0.008	BDL	0.005			
Naphthalene	1.400	BDL	0.353	BDL	0.665	BDL	0.025			
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID				
	SB-4 @ 6'	SB-4 @ 10'	SB-5 @ 5'	SB-5 @ 10'	SB-6 @ 5'	SB-6 @8'				
Volatile	LAB ID	LAB ID	LAB ID	LAB ID	LABID	LAB ID	Detection			
Organic, ppm	258126	258127	258128	258129	258130	258131	Limit, ppm			
Benzene	BDL	BDL	0.264	0.392	0.015	BDL	0.005			
Toluene	BDL	BDL	0.985	4.320	0.021	BDL	0.005			
Ethylbenzene	BDL	BDL	0.271	3.380	BDL	BDL	0.005			
Xylenes, o,m,p	BDL	BDL	1.410	16.100	BDL	BDL	0.015			
MTBE	BDL	BDL	BDL	0.008	BDL	BDL	0.005			
Naphthalene	BDL	BDL	0.209	1.200	BDL	BDL	0.025			

BDL = Below Detection Limit
Detection Limit is Practical Quantitation Limit
All results expressed as ppm of analyte

EPA Laboratory ID AL01084

S / QAQC

Respectfully submitted,

Kevin Doriety Analytical Chemist

Sutherland Environmental Read and Review Checklist

Is the client and the sample collector(s) accurately no on report?	oted NO YES	NO YES
2. Do all dates match the COC on the report?	NO YX	NO YES
3. Is the purchase order ID (PO) and project ID accurate noted on report?	ely NO Y	NO YES
4. Are all methods and method references correct on re	port? NO Y	NO YES
5. Do the Field ID(s) and the Lab ID(s) correspond to the COC?	ne YES	NO YES
6. Is the report formatted correctly?	NO YES	NO YES
7. Does the following information on report correspond printout information from the analytical instrumenta		A.
Sample Matrix	NO YES	NO YES
Analyst	NO XS	NO YES
Analysis Date/Time	NO AS	NO YES
Analyte concentration	NO XES	NO YES
Units	NO DES	NO YES
Dilution Factors/Conversions	NO XE3	NO YES
Detection/Reporting/Quant. Limits	NO XES	NO YES
QC Reviewed:	XES	YES
Initial*: * MJH = Michael Heard, KD =	= Kevin Doriety, MSH = Matt Hagema	an, KH = Kelly Hester
PDF/ Notes: Sphere 3		
In	voice 52035	· · · · · · · · · · · · · · · · · · ·
	Sutherland Environmenta	d Co., Inc.

Sutherland Environmental Company Inc.

Sample Check-in Form

Date Received: 8/9/24	Invoice #	520	35	
Method of Delivery: Hand	Client:	520 Sphi	ve 3	
1. Did any containers arrive broken?	[YES	X	
* If so, please state field ID with analysis of broken sample	e(s)			
2. Were cooler(s) sealed upon arrival?	[YES	NO	NA
3. Were the samples received at the proper temperature (4°C	+/- 2°C)?	TES	NO	NA
4. Did a chain of custody accompany the samples?	[\YT SS	NO	
* Was it properly filled out?		XES	NO	
5. Were correct containers used for the analysis requested?)AS	NO	
6. Were all containers properly preserved?		XES	NO	NA
7. Were all water samples received at the proper pH?		YES	NO	À
8. If VOA vials were present, was there any head space?		YES	NO _	NA)
* If so, please state field ID of deficient sample(s):				-
9. Were all containers properly labeled and match chain of cu	ıstody?	XES	NO	
10. Did containers arrive within holding time of analysis?		TED	NO	
* If not, please state field ID and analysis of sample(s) out	of holding time:		·	
				
11. Was client informed of any/all deficiencies in sample che	ck-in?	YES	NO	<u> </u>
12. Were any samples rejected?		YES	NO	
* If so, please state field ID of rejected sample(s):			<u>-</u>	
Sample Custodian (signed):				

52035

SUTHERLAND ENVIRONMENTAL

COMPANY, INC.

2515 5th Avenue South

Birmingham, AL 35233

SPHERE 3

ENGINEERING, INC

Report To: greg@sphere3.com; jon@sphere3.com, mail original City, County, State: Montgomery, Montgomery County, AL Invoice To: SPHERE 3 Engineering, Inc. Site Address: 4101 Troy Highway Facility ID #: Quick Serve #38 UST Incident No.: UST24-08-05 Project #: SC.QS38.01 Page #: Page 1 of 2 Analyze For: Matrix Fax No.: (205) 403.3318 Consultant Name: SPHERE 3 Engineering, Inc. City/State/Zip: Hoover, Alabama 35216 Client: Sanny Chowdhury Address: 3433 Sierra Drive Consultant Telephone Number: (205) 403.3317 Consultant Project Mgr: Greg Hoagland Sampler Name: (Print) Sampler Signature:

Due Date of Report														-				Site Specific - if yes, please pre-schedule w/ SUTHERLAND Project Manager or attach specifc instructions
OPF Results (yes or no)	>	>	>	>	>	>	>	>	>	>				_				ι Ευξ
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י רואינ דנעע ו טעב	-		 	 	 	 	 	\vdash		 	Laboratory Comments:	_	ഗ	>	OC Deliverables (please circle one)	Level 2 Level 3	Level 4	Site Specific - if yes, please pre-schedule w/ S Project Manager or attach specifc instructions
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Sample ID or Field ID		\sim	_	_	Ø		$ \vee \rangle$		SB-5	الإي	Comments/Special Instructions:				Relinquished by	31	Relinquished by:	
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SUTHERLAND ENVIRONMENTAL

COMPANY, INC.

2515 5th Avenue South

Birmingham, AL 35233

#S3035

ENGINEERING, INC

Report To: greg@sphere3.com; jon@sphere3.com, mail original Due Date of Report City, County, State: Montgomery, Montgomery County, AL PDF Results (yes or no) ≻ z ≻ z <u>≻</u> z zz TAT request (in Bus. Days PUSH TAT (Pre-Schedule invoice To: SPHERE 3 Engineering, Inc. QC Deliverables (please circle one) Temperature Upon Receipt: Sample Containers Intact? VOCs Free of Headspace? Site Address: 4101 Troy Highway Facility ID #: Quick Serve #38 Laboratory Comments UST Incident No.: UST24-08-05 Project #: SC.QS38.01 Page #: Page 2 of 2 Analyze For Level 3 Level 4 Level 2 × **EMPERATURE** NAPHTHALENE 8260B 1445 Time Time TEX/MTBE 8260B ЯЭТАМ Other (specify): lios × $\overline{\times}$ 18/6/24 Sludge Matrix Drinking Water Wastewater Groundwater Noue (Black Label) Fax No.: (205) 403,3318 HNO3 (Red Label) Preservative H2SO, Glass(Yellow Label) H₂SO₄ Plastic (Yellow Label) NaOH (Orange Label) Sodium Bisulfate Methanol Received by: Received by: Field Filtered Composite 2:48 Grab × \times Time Time Consultant Name: SPHERE 3 Engineering, Inc. No. of Containers Shipped City/State/Zip: Hoover, Alabama 35216 25/2 <u>|</u>なら Lime Sampled Client: Sanny Chowdhury 12/0/8 Address: 3433 Sierra Drive Consultant Project Mgr: Greg Hoagland Consultant Telephone Number: (205) 403.3317 Date 大して Date Sampled Sampler Signature: Sampler Name: (Print) UNB 117 258130 258131 Comments/Special Instructions **TEMPERATURE BLANK** Ò Sample ID or Field ID Relinquished by Relinquished SB-6 (Q) SB-6(2)

Site Specific - if yes please pre-schedule w/ SUTHERLAND

Project Manager or attach specifc instructions

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Sphere 3 Engineering, Inc.	Report Date:	August 13, 2024	
Attention:	Mr. Greg Hoagland	Reference #	52036	
Address:	3433 Sierra Drive	P.O. #	SC.QS38.01	
	Hoover, AL 35216	Project ID:	Quick Serve #38	

Sample Matrix:	soil	Analytical	
Date Received:	8/9/24	Analyst:	M. Heard
Date Collected:	8/9/24	Date of Analysis:	8/13/24
Sample Collector:	G. Karstens	Method:	EPA Method 6020B

METALLIC ANALYTES										
	FIELD ID									
	SOIL					1				
	COMP-1					1				
Analyte, mg/Kg	LAB ID					Detection				
as Total	258132					Limit, mg/Kg				
Lead	70					1.0				

BDL = Below Detection Limit
Detection Limit is Reporting Limit
All results expressed as PPM of total analyte

/n/d/

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Kin Long

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Sphere 3 Engineering, Inc.	Report Date:	August 13, 2024	***
Attention:	Mr. Greg Hoagland	Reference #	52036	
Address:	3433 Sierra Drive	P.O. #	SC.QS38.01	
	Hoover, AL 35216	Project ID:	Quick Serve #38	

Sample Matrix:	soil	Analytical	
Date Received:	8/9/24	Analyst:	M. Heard
Date Collected:	8/9/24	Date of Analysis:	8/12/24
Sample Collector:	G. Karstens	Method:	EPA Method 418.1 Modified for soils

	TOTAL PETROLEUM	HYDROCARBONS	
FIELD ID	LAB ID	ТРН, РРМ	D.L., PPM
SOIL COMP-1	258132	18	10

BDL = Below Detection Limit D.L. = Detection Limit, Practical All results expressed as PPM (mg/Kg)

MH /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Kin Enge

Sutherland Environmental Read and Review Checklist

			\		
1. Is the client and to on report?	the sample collector(s) accurately	y noted	NO YES	NO	Y N
2. Do all dates mate	ch the COC on the report?		NO YES	NO	TASI
3. Is the purchase o noted on report?	rder ID (PO) and project ID accu	ırately	NO YES	NO	Y Y
4. Are all methods a	and method references correct or	report?	NO YES	NO	<u> </u>
5. Do the Field ID(s	s) and the Lab ID(s) correspond t	to the	NO YES	NO	778
6. Is the report form	natted correctly?		NO YES	NO	T Y
I .	ng information on report corresponding information on report corresponding the analytical instrume		4		
	Sample Matrix		NO YES	NO	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	Analyst		NO YES	NO	>
	Analysis Date/Time		NO YES	NO	X
	Analyte concentration		NO YES	NO) WESS
	Units		NO YES	NO	JARSO .
	Dilution Factors/Conversions		NO YES	NO	T YES
	Detection/Reporting/Quant. Lir	nits	NO YES	NO	X
	QC Reviewed:		YES		YAO
	Initial*:	D = Kavin D	Noriety MSH = Mott H	ogaman VH - Va	W Haster
	* MJH = Michael Heard, K	LD – Kevin L	oriety, MSH – Matt H	ageman, Kn – Ke	my nester
PDF / S	phere 3				
· · · ·			caa	121	
		Invoice	520	700	
			Sutherland Environ	mental Co., Inc.	

Sutherland Environmental Company Inc.

Sample Check-in Form

Date Received: 8/9/24 Inv	voice #	520	36	
Method of Delivery: Hand Cli	ent:	Sph	136 ere 3	
1. Did any containers arrive broken?		YES	×	
* If so, please state field ID with analysis of broken sample(s)				
2. Were cooler(s) sealed upon arrival?		yks	NO	NA
3. Were the samples received at the proper temperature (4°C +/- 2°C	C)? [TES	NO	NA
4. Did a chain of custody accompany the samples?		YBS	NO	
* Was it properly filled out?		X€S	NO	
5. Were correct containers used for the analysis requested?))	NO	
6. Were all containers properly preserved?	[XES	NO	NA
7. Were all water samples received at the proper pH?	[YES	NO	À
8. If VOA vials were present, was there any head space?		YES	NO	NA)
* If so, please state field ID of deficient sample(s):				
9. Were all containers properly labeled and match chain of custody?		XES	NO	
10. Did containers arrive within holding time of analysis?		TED	NO	
* If not, please state field ID and analysis of sample(s) out of hole	ding time:		_,	
	-			
11. Was client informed of any/all deficiencies in sample check-in?		YES	NO	*
12. Were any samples rejected?		YES	NO	
* If so, please state field ID of rejected sample(s):	$\overline{\mathcal{O}}$			
Sample Custodian (signed):				

SUTHERLAND ENVIRONMENTAL COMPANY, INC.

2515 5th Avenue South

Consultant Name: SPHERE 3 Engineering, Inc.

Address: 3433 Sierra Drive
City/State/Zip: Hoover, Alabama 35216
Client: Sanny Chowdhury

Birmingham, AL 35233

#53036 SPHERE 3 ENGINEERING, INC

Report To: greg@sphere3.com; jon@sphere3.com, mail original

Invoice To: SPHERE 3 Engineering, Inc.

Page #: Page 1 of 1

Project #: SC.QS38.01	UST Incident No.: UST24-08-05	Facility ID #: Quick Serve #38	Site Address: 4101 Troy Highway	City, County, State: Montgomery, Montgomery County, AL	Analyze For:	TEMPERATURE TEMPERATURE TOTAL SERVICE TOTAL SERV	> Z	> Z						Laboratory Comments:	ш`	Sample Containers Intact? (X) N	VOCs Free of Headspace? Y N		Level 4	Site Specific - if yes, please pre-schedule w/ SUTHERLAND Project Manager or attach specifc instructions
a.	⊺ Incic	Fac	Site /	Count		TOTAL LEAD 60208 1.814 H9T	×						_				Time	3445	Time	
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		Fax No.: (205) 403.3318	I		ட	Methanol											ج ا	- (ا خ	
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rry			2) 4	Y)	Time Sampled	(3)											7		
Client: Sanny Chowdhury	Greg Hoagland	(205) 403.3317	3			Date Sampled	8/9/24/	1. 1									Date	8/9/2	Date	
Client: S	Consultant Project Mgr:	Consultant Telephone Number: (205) 403.3317	Sampler Name: (Print)	Sampler Signature:		Sample ID or Field ID $$ $$ $$	SOIL COMP-1 258132 &	TEMPERATURE BLANK						Comments/Special Instructions:			Relinquished fav.	Drug	Relinquished by:	
						Samp	SOIL	TEM						Comn			Relina	145	Reling	

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Sphere 3 Engineering, Inc. Report Date: November 25, 2024

Attention: Mr. Greg Hoagland Reference # 52694
Address: 3433 Sierra Drive P.O. # SC.QS38.03
Hoover, AL 35216 Project ID: Quick Serve #38

Sample Matrix: soil Analytical

Date Received: 11/18/24 Analyst: Hageman/Heard
Date Collected: 11/13-14/24 Date of Analysis: 11/24/24

Sample Collector: G. Karstens Method: EPA Method 8260B

VOLA	TILE OF	RGANICS	S - BTEX	/MTBE/N	NAPHTH	IALENE	
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	SB-7 @ 5'	SB-7 @ 10'	SB-8 @ 5'	SB-8 @ 10'	SB-9 @ 5'	SB-9 @ 10'	
Volatile	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
Organic, ppm	261044	261045	261046	261047	261048	261049	Limit, ppm
Benzene	BDL	BDL	BDL	0.011	BDL	BDL	0.005
Toluene	BDL	BDL	BDL	0.027	BDL	BDL	0.005
Ethylbenzene	BDL	BDL	BDL	0.007	BDL	BDL	0.005
Xylenes, o,m,p	BDL	BDL	BDL	0.038	BDL	BDL	0.015
MTBE	BDL	BDL	BDL	BDL	BDL	BDL	0.005
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	0.025
		1.6			And the		
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	SB-10 @ 5'	SB-10 @ 10'	SB-11 @ 5'	SB-11 @ 10'	SB-12 @ 5'	SB-12 @ 10'	-
Volatile	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
Organic, ppm	261050	261051	261052	261053	261054	261055	Limit, ppm
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	0.005
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	0.005
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	0.005
Xylenes, o,m,p	BDL	BDL	BDL	BDL	BDL	BDL	0.015
MTBE	BDL	BDL	BDL	BDL	BDL	BDL	0.005
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	0.025

BDL = Below Detection Limit
Detection Limit is Practical Quantitation Limit
All results expressed as ppm of analyte

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Sphere 3 Engineering, Inc.	Report Date:	November 25, 2024	
Attention:	Mr. Greg Hoagland	Reference #	52694	
Address:	3433 Sierra Drive	P.O. #	SC.QS38.03	
	Hoover, AL 35216	Project ID:	Quick Serve #38	

Sample Matrix:	soil	Analytical		
Date Received:	11/18/24	Analyst:	Hageman/Heard	
Date Collected:	11/13/24	Date of Analysis:	11/24/24	
Sample Collector:	G. Karstens	Method:	EPA Method 8260B	

VOL	VOLATILE ORGANICS - BTEX/MTBE/NAPHTHALENE														
	FIELD ID	FIELD ID				aping the state of	·								
	SB-13 @ 5'	SB-13 @ 10'		grandaga,											
Volatile	LAB ID	LAB ID					Detection								
Organic, ppm	261056	261057					Limit, ppm								
Benzene	BDL	BDL					0.005								
Toluene	BDL	BDL					0.005								
Ethylbenzene	BDL	BDL			4. N	1034	0.005								
Xylenes, o,m,p	BDL	BDL		i ay			0.015								
MTBE	BDL	BDL		100			0.005								
Naphthalene	BDL	0.353		enga en al des		al de la	0.025								

BDL = Below Detection Limit
Detection Limit is Practical Quantitation Limit
All results expressed as ppm of analyte

EPA Laboratory ID AL01084

MH /QAQC

Respectfully submitted,

Kevin Doriety Analytical Chemist

Sutherland Environmental Read and Review Checklist

I. Is the client and the sample collector(s) accurate on report?	y noted NO YES	NO YBS
2. Do all dates match the COC on the report?	NO Y	NO YES
3. Is the purchase order ID (PO) and project ID acc noted on report?	urately NO YES	NO YES
4. Are all methods and method references correct o	n report? NO YSS	NO YES
5. Do the Field ID(s) and the Lab ID(s) correspond COC?	to the NO Y	NO YES
6. Is the report formatted correctly?	NO YES	NO YES
7. Does the following information on report corresponding printout information from the analytical instrum		
Sample Matrix	NO YES	NO YES
Analyst	NO YS	NO YES
Analysis Date/Time	NO YES	NO YES
Analyte concentration	NO XES	NO YES
Units	NO XES	NO YES
Dilution Factors/Conversions	NO DES	NO YES
Detection/Reporting/Quant. Li	mits NO	NO YES
QC Reviewed:	<u>)</u>	YES
Initial*: * MIH = Michael Heard	KD = Kevin Doriety, MSH = Matt Hage	eman KH = Kelly Hester
PDF / Sphere 3	-	
	Invoice 526 Sutherland Environme	94 ntal Co., Inc.

Sutherland Environmental Company Inc.

Sample Check-in Form

Date Received: 11/18/24	Invoice #	5	2694	
Method of Delivery: Ham	Client:	Spher	2694 e 3	
1. Did any containers arrive broken?		YES	×	
* If so, please state field ID with analysis of broken samp	ele(s)			
2. Were cooler(s) sealed upon arrival?	••••••	YAS	NO	NA
3. Were the samples received at the proper temperature (4°C)	+/- 2°C)?	TES	NO	NA
4. Did a chain of custody accompany the samples?		7ES]	NO	
* Was it properly filled out?		YES	NO	
5. Were correct containers used for the analysis requested? .		MESS	NO	
6. Were all containers properly preserved?		YPES)	NO	NA
7. Were all water samples received at the proper pH?		TES	NO	NA
8. If VOA vials were present, was there any head space?	[YES	DO	NA
* If so, please state field ID of deficient sample(s):				
9. Were all containers properly labeled and match chain of cu	ustody? [yko	NO	
10. Did containers arrive within holding time of analysis?	[Aes	NO	
* If not, please state field ID and analysis of sample(s) out	t of holding time:			
11. Was client informed of any/all deficiencies in sample che	eck-in? [YES	NO	
12. Were any samples rejected?	[YES	d4	
* If so, please state field ID of rejected sample(s):				

Sample Custodian (signed):

SUTHERLAND ENVIRONMENTAL

2515 5th Avenue South

52694 SPHERE 3 ENGINEERING, INC Report To: greg@sphere3.com; jon@sphere3.com, mail original City, County, State: Montgomery, Montgomery County, AL Invoice To: SPHERE 3 Engineering, Inc. Site Address: 4101 Troy Highway Facility ID #: Quick Serve #38 UST Incident No.: UST24-08-05 Project #: SC.QS38.03 Page #: Page 1 of 2 Fax: 205 581 9504 Fax No.: (205) 403,3318 Birmingham, AL 35233 Consultant Name: SPHERE 3 Engineering, Inc. City/State/Zip: Hoover, Alabama 35216 Address: 3433 Sierra Drive Consultant Project Mgr: Greg Hoagland Consultant Telephone Number: (205) 403,3317 Client: Air Base, Inc. Sampler Name: (Print) Sampler Signature: COMPANY, INC.

Analyze For:

Preservative

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SUTHER LAND ENVIRONMENTAL

#52694 SPHERE 3 ENGINEERINGING Report To: greg@sphere3.com; jon@sphere3.com, mail original Project #: SC.QS38.03
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Analyze For:

Preservative

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Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Sphere 3 Engineering, Inc.	Report Date:	November 21, 2024	
Attention:	Mr. Greg Hoagland	Reference #	52695	
Address:	3433 Sierra Drive	P.O. #	SC.QS38.03	
	Hoover, AL 35216	Project ID:	Quick Serve #38	

Sample Matrix:	soil	Analytical		
Date Received:	11/18/24	Analyst:	M. Heard	
Date Collected:	11/14/24	Date of Analysis:	11/21/24	
Sample Collector:	G. Karstens	Method:	EPA Method 6020B	

	N	TETA	\L	LIC A	ANAL	YTES		
	FIELD ID							
	SOIL			-				
	COMP-1							
Analyte, mg/Kg	LAB ID				:			Detection
as Total	261058				11 4 1			Limit, mg/Kg
Lead	9.9						en grande de la	1.0

BDL = Below Detection Limit
Detection Limit is Reporting Limit
All results expressed as PPM of total analyte

MKT /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Min Zo

Sutherland Environmental Read and Review Checklist

1. Is the client and on report?	the sample collector(s) accurately noted	NO YES	NO YES	-
2. Do all dates ma	tch the COC on the report?	NO YES	NO YES	_
3. Is the purchase noted on report	order ID (PO) and project ID accurately?	NO YES	NO YES	
4. Are all methods	and method references correct on repor	t? NO Y	NO YES	
5. Do the Field ID COC?	(s) and the Lab ID(s) correspond to the	NO DO	NO YES	
6. Is the report for	matted correctly?	NO YES	NO YES	
	ing information on report correspond to ation from the analytical instrumentation			
	Sample Matrix	NO YES	NO YES	_
	Analyst	NO YES	NO YES	_
	Analysis Date/Time	NO DES	NO YES	/
	Analyte concentration	NO PES	NO YES	_
	Units	NO XES	NO YES	_
	Dilution Factors/Conversions	NO PES	NO YES	/
	Detection/Reporting/Quant. Limits	NO YES	NO YES	/
	QC Reviewed:	ACS)	YES	
	Initial*:	MSH = Most Hooses	MI = Kelly Haston	
	* MJH = Michael Heard, KD = Ke	oviii Donety, ivisri – iviati riagema	ui, KII – Keily nester	
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Sutherland Environmental Company Inc.

Sample Check-in Form

Date Received: 11/18/24	Invoice #	526		
Method of Delivery: Hand	Client:	Sple	ue 3	·
Did any containers arrive broken?		YES	X	
* If so, please state field ID with analys	is of broken sample(s)			man .
2. Were cooler(s) sealed upon arrival?		YXS	NO	NA
3. Were the samples received at the proper	temperature (4°C +/- 2°C)?) Ves	NO	NA
4. Did a chain of custody accompany the sa	amples?	XE3	NO]
* Was it properly filled out?		र्भष्ट	NO]
5. Were correct containers used for the ana	lysis requested?	Des	NO]
6. Were all containers properly preserved?		XES	NO	NA
7. Were all water samples received at the p	roper pH?	YES	NO	MO
8. If VOA vials were present, was there any	y head space?	YES	NO	
* If so, please state field ID of deficient	sample(s):			_
9. Were all containers properly labeled and	match chain of custody?	YKS	NO]
10. Did containers arrive within holding tim	ne of analysis?	HES	NO]
* If not, please state field ID and analysi	is of sample(s) out of holding time:	r.,		
11. Was client informed of any/all deficience	cies in sample check-in?	YES	NO	MO
12. Were any samples rejected?		YES	10	
* If so, please state field ID of rejected s	ample(s):			
Sample Custodian (signed):	m- M/			

SUTHERLAND ENVIRONMENTAL

COMPANY, INC.

2515 5th Avenue South

Birmingham, AL 35233

SPHERE SENGING INC SPHERE

Report To: greg@sphere3.com; jon@sphere3.com, mail original Site Specific - if yes, please pre-schedule w/ SUTHERLAND Due Date of Report City, County, State: Montgomery, Montgomery County, AL <u>≻</u> ž PDF Results (yes or no) zz Project Manager or attach specific instructions Temperature Upon Receipt: 4.0°C TAT request (in Bus. Days eluberlo2-e19) TAT HSUR Invoice To: SPHERE 3 Engineering, Inc. QC Deliverables (please circle one) VOCs Free of Headspace? Sample Containers Intact? Site Address: 4101 Troy Highway Facility ID #: Quick Serve #38 Laboratory Comments UST Incident No.: UST24-08-05 Project #: SC.QS38.03 Page #: Page 1 of 1 Analyze For: Level 2 Level 3 Level 4 **EMPERATURE** × 11/18/24/0934 Time Time TOTAL LEAD 6020B Other (specify): WATER × lios Matrix egbul2 Date Date Drinking Water Wastewater Fax No.: (205) 403.3318 HNO3 (Red Label) Preservative H2SO4 Glass(Yellow Label) H₂SO₄ Plastic (Yellow Label) NaOH (Orange Label) HCI (Blue Label) Sodium Bisulfate Methanol Received by: Received by: Field Filtered Composite × Grab 124/9.34 Time Time Consultant Name: SPHERE 3 Engineering, Inc. No. of Containers Shipped City/State/Zip: Hoover, Alabama 35216 Time Sampled Address: 3433 Sierra Drive Consultant Project Mgr: Greg Hoagland Consultant Telephone Number: (205) 403.3317 Client: Air Base, Inc. Date Sampled Sampler Name: (Print) Sampler Signature: CAB D 261658 Comments/Special Instructions: TEMPERATURE BLANK Sample ID or Field ID SOIL COMP-1 Relinquished by: Refinduis

Environmental Company, Inc.

25 5 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	Sphere 3 Engineering, Inc.	Report Date:	January 2, 2025
Attention:	Mr. Greg Hoagland	Reference #	52897
Address	3433 Sierra Drive	P.O. #	SC.QS38.03
	Hoover, AL 35216	Project ID:	Quick Serve #38

Sample Matrix:	soil	Analytical	
Date Received:	12/12/24	Analyst:	Kevin Doriety/D. Brown
Date Collected:	12/11/24	Date of Analysis:	12/18/24-12/31/24
Sample Collector:	G. Karstens	Method:	(Listed Below)

PHYSICAL CHARACTERISTICS OF SOIL												
		Gravimetric	Volumetric	Dry Bulk	Dry Bulk	Specific	Porosity	Fractional	Fractional			
		Moisture	Moisture	Density	Density	Gravity	cc/cc-soil	Organic	Organic			
		Content	Content	pcf	g/cc	@ 20° C		Matter	Carbon			
		g-water/	cc-water/					Content	Content			
		g-soil	cc-soil					g-ash/	g-carbon/			
]						g-soil	g-soil			
Field ID	Lab ID	(1)	(1a)	(2)	(2)	(3)	(4)	(5)	(6)			
ST-1	261920	0.3180	0.4452	87.2	1.40	2.62	0.4607	0.1517	0.0088			

Test Methods/Calculations:

MC = Moisture Contect DBD = Dry Bulk Density SG = Specific Gravity

- (1) ASTM D2216
- (1a) Volumetric MC = Gravimetric MC x DBD (g/cc)
- (2) ASTM D2937
- (3) ASTM D854
- (4) Porosity = 1 [DBD (g/cc) / SG (g/cc)]
- (5) ASTM D2974
- (6) Fractional Organic Carbon Content = Fractional Organic Matter Content / 1.724

Method References

ASTM D04.08

ADEM, 2001, UST ARBCA Guidance Manual (pgs 5-11 - 5-13)

/// \\ / QAQC

EPA Laboratory ID AL01084

ADEM #41470

Respectfully submitted,

Kevin Doriety Analytical Chemist

Sutherland Environmental Read and Review Checklist

1. Is the client and on report?	the sample collector(s) accurately note	ed NO YES	NO YES
	ch the COC on the report?	NO YES	NO YES
3. Is the purchase of noted on report	order ID (PO) and project ID accurately	y NO YAS	NO YES
4. Are all methods	and method references correct on repo	ort? NO YXS	NO YES
5. Do the Field ID(COC?	s) and the Lab ID(s) correspond to the	NO YES	NO YES
6. Is the report form	natted correctly?	NO YES	NO YES
	ng information on report correspond to tion from the analytical instrumentation		
	Sample Matrix	NO YES	NO YES
	Analyst	NO XES	NO YES/
	Analysis Date/Time	YES YES	NO YES
	Analyte concentration	NO YES	NO YES
	Units	NO XES	NO YES
	Dilution Factors/Conversions	NO XES	NO YES
	Detection/Reporting/Quant. Limits	NO XES	NO YES
	QC Reviewed:	KES	YES
	Initial*: * MIH = Michael Heard KD - K	evin Doriety, MSH = Matt Hagema	
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	Invoi	ce 5289 Sutherland Environmental	Co., Inc.
		Sunctulu Environmental	Co., IIIC.

Sutherland Environmental Company Inc.

Sample Custodian (signed):

Sample Check-in Form

Date Received: _	12/12/24	Invoice #		289	
Method of Delivery:	hand	Client:		phere	3
Did any containers arrive	broken?		YES	NO	
* If so, please state field	ID with analysis of broken s	sample(s)			_
2. Were cooler(s) sealed upo	on arrival?		YES	NO	NA
3. Were the samples receive	ed at the proper temperature	(4°C +/- 2°C)?	YES	NO	NA
4. Did a chain of custody ac	company the samples?		YES	NO]
* Was it properly filled o	out?		YES	NO]
5. Were correct containers u	ised for the analysis requeste	ed?	VES	NO]
6. Were all containers prope	erly preserved?		WES	NO	NA
7. Were all water samples re	eceived at the proper pH?		YES	NO	NA
8. If VOA vials were presen	t, was there any head space	?	YES	NO	NA
* If so, please state field	ID of deficient sample(s): _				_
9. Were all containers prope	rly labeled and match chain	of custody?	XES	NO]
10. Did containers arrive wi	thin holding time of analysis	?	YES	NO]
* If not, please state field	ID and analysis of sample(s	s) out of holding time:			
		ŗ			
11. Was client informed of a	my/all deficiencies in sample	e check-in?	YES	NO	V _{NA}
12. Were any samples reject	ed?		YES	NO/]
* If so, please state field	ID of rejected sample(s):				
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SUTHER LAND ENVIRONMENTAL

COMPANY, INC.

2515 5th Avenue South

Birmingham, AL 35233

Consultant Name: SPHERE 3 Engineering, Inc.

ENGINEERING, INC

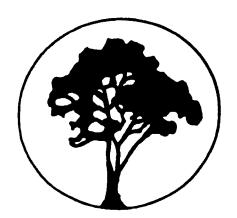
Page #: Page 1 of 1

Report To: greg@sphere3.com/jon@sphere3.com/mail original Site Specific - if yes, please pre-schedule w/ SUTHERLAND Due Date of Report ₹ ODF Results (yes or no) City, County, State: Montgomery, Montgomery County, Project Ivianager or attach specific instructions Temperature Upon Receipt: ROOM TAT request (in Bus. Days RUSH TAT (Pre-Schedule) Invoice To: SPHERE 3 Engineering, Inc. QC Deliverables (please circle one) VOCs Free of Headspace? Sample Containers Intact? Site Address: 4101 Troy Highway Facility ID #: Quick Serve #38 Laboratory Comments UST Incident No.: UST24-08-05 ractional Organic Carbon Conten Project #: SC.QS38.03 Analyze For sctional Organic Matter Content Porosity Specific Gravity @ 20 C Dry Bulk Density (g/cc) Level 4 Level 2 Level 3 Dry Bulk Density (pcf) Volumetric Moisture Content Time Fravimetric Moisture Content Other (specify): WATER Matriy Date Drinking Water Wastewater Groundwater None (Black Label) Fax No.: (205) 403.3318 HNO3 (Red Label) Preservative H2SO, Glass(Yellow Label) H₂SO₄ Plastic (Yellow Label) NaOH (Orange Label) HCI (Blue Label) Sodium Bisulfate 10-cs-12/20 Methanol Received by: Received by Field Filtered Composite Grab 1235 Time No. of Containers Shipped City/State/Zip: Hoover, Alabama 35216 75257 12/11/24/1135 Time Sampled Address: 3433 Sierra Drive Consultant Project Mgr: Greg Hoagland Consultant Telephone Number: (205) 403.3317 Client: Air Base, Inc. Date Sampled Sampler Name: (Print) Sampler Signature: Comments/Special Instructions: Sample ID or Field ID SHELBY TUBE Relinquished by: Relinquished by:



Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Sphere 3 Engineering, Inc. Report Date: August 27, 2024
Attention: Mr. Greg Hoagland Reference # 52122
Address: 3433 Sierra Drive P.O. # SC.QS38.01
Hoover, AL 35216 Project ID: Quick Serve #38

Sample Matrix:waterAnalyticalDate Received:8/22/24Analyst:Hageman/HeardDate Collected:8/19/24Date of Analysis:8/25-27/24Sample Collector:T. Bond/J. JohnsonMethod:EPA Method 8260B

VOLAT	LE ORG	GANICS	- BTEX	MTBE/I	NAPHTI	HALENI	E
	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	
Volatile	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	Detection
Organic, mg/L	258570	258571	258572	258573	258574	258575	Limit, ppm
Benzene	0.042	0.003	0.001	2.960	10.900	0.015	0.001
Toluene	BDL	BDL	BDL	9.810	26.800	0.040	0.001
Ethylbenzene	0.013	BDL	BDL	1.500	2.740	0.003	0.001
Xylenes, o,m,p	0.023	BDL	BDL	8.480	14.600	0.026	0.003
MTBE	0.011	0.009	0.004	0.266	0.470	0.016	0.001
Naphthalene	BDL	BDL	BDL	0.306	0.269	BDL	0.005
	FIELD ID						
	DUP-1	7.44					·
Volatile	LAB ID					1945 1945	Detection
Organic, mg/L	258576		A LITTE OF LIGHT PORT OF LIGHT				Limit, ppm
Benzene	3.240	100					0.001
Toluene	10.300				en de la companya de La companya de la co	.:	0.001
Ethylbenzene	1.650						0.001
Xylenes, o,m,p	9.250						0.003
MTBE	0.269			e e e e e e e e e e e e e e e e e e e			0.001
Naphthalene	0.312	1 1				n we like	0.005

BDL = Below Detection Limit, Method Detection Limit is Method Detection Limit All results expressed as ppm (mg/L) of analyte Samples preserved with HCL and refrigerated at 4 degrees C

EPA Laboratory ID AL01084

/ QAQC

Respectfully submitted,

Kevin Doriety Analytical Chemist

Ni Long

Sutherland Environmental Read and Review Checklist

			. 			
on report?	he sample collector(s) accurately noted	NO	<u> YAŞ</u>	NO	YES	_
2. Do all dates mate	th the COC on the report?	NO	Y	NO	YES	
3. Is the purchase of noted on report?	rder ID (PO) and project ID accurately	NO	Y96	NO	YES	
4. Are all methods a	and method references correct on report	? NO	X	NO	YES	
5. Do the Field ID(s	s) and the Lab ID(s) correspond to the	NO)XS	NO	YES	
6. Is the report form	natted correctly?	NO	YX	NO	YES	
	ng information on report correspond to to tion from the analytical instrumentation					
	Sample Matrix	NO	Y	NO	YES	_
	Analyst	NO	Y S	NO	YES	/
	Analysis Date/Time	NO	X	NO	YES	/
	Analyte concentration	NO	XS	NO	YES	/
	Units	NO	XES .	NO	YES	_
	Dilution Factors/Conversions	NO	>KS)	NO	YE8	/
	Detection/Reporting/Quant. Limits	NO	yks .	NO	YES	/
	QC Reviewed:	ľ	YXS		YES	
	Initial*: * MJH = Michael Heard, KD = Ke	Win Dariety MSI	I = Matt Hageman	KH = Kelly H		
	Wift - Wichael Heard, KD - Ke	viii Donety, MSI	i wan Hageman	, itii Keny II		
PDF / S	phere 3					
	Invoic	e	52122			
			nd Environmental (Co., Inc.		

Sutherland Environmental Company Inc.

Sample Custodian (signed):

Sample Check-in Form

Date Received: 8 22 24	Invoice #	5	2122 here 3	
Method of Delivery:	Client:	<u> </u>	here E	3
1. Did any containers arrive broken?		YES	×O	
* If so, please state field ID with analysis of broken sampled	(s)			
2. Were cooler(s) sealed upon arrival?		YES	NO	NA
3. Were the samples received at the proper temperature (4°C +	/- 2°C)?	✓YES	NO	NA
4. Did a chain of custody accompany the samples?		X ES _	NO	
* Was it properly filled out?		YES	NO	
5. Were correct containers used for the analysis requested?		YES	NO	
6. Were all containers properly preserved?		YES	NO	NA _
7. Were all water samples received at the proper pH?		YES	NO	NA _
8. If VOA vials were present, was there any head space?		YES	NO	NA
* If so, please state field ID of deficient sample(s):				
9. Were all containers properly labeled and match chain of cus	stody?	YES	NO	
10. Did containers arrive within holding time of analysis?		YES	NO	
* If not, please state field ID and analysis of sample(s) out	of holding time:			
11. Was client informed of any/all deficiencies in sample chec	:k-in?	YES	NO	√NA
12. Were any samples rejected?		. YES	NO.	
* If so, please state field ID of rejected sample(s):	<u></u>			

SUTHERLAND ENVIRONMENTAL COMPAN

52122

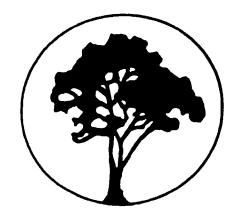
# 52122 SPHERE 3 ENGINEERING, INC	Page #: Page 1 of 1	Invoice To: SPHERE 3 Engineering, Inc.	Report To: greg. jor; karen@sphere3.com	Project #: SC.QS38.01	UST Incident No.: UST24-08-05	Facility ID#: Quick Serve #38	Site Address: 4101 Troy Highway	City, County, State: Montgomery, Alabama
Phone: 205 581 9500 Fax: 205 581 9504						Fax No.: (205) 403.3318		Cit
2515 5th Avenue South Birmingham, AL 35233	3 Engineering, Inc.	a Drive	abama 35216	wdhury	lland		Jimmy Johnson 7 /	Juy 6/m
HERLAND ENVIRONMENTAL 1PANY, INC.	Consultant Name: SPHERE 3 Engineering, Inc.	Address: 3433 Sierra Drive.	City/State/Zip: Hoover, Alabama 35216	Client: Sanny Chowdhury	Consultant Project Mgr: Greg Hoagland	Consultant Telephone Number: (205) 403.3317	Sampler Name: (Print) Tres Bond, Jimmy Johnson	Sampler Signature:

Preservative

Methanol Sodium Bisulfate H-Ci (Blue Labei) H-SO4, Plastic (Yellow Labei) H-SO4, Plastic (Yellow Labei) H-SO4, Glass(Yellow Labei) H-SO4, Glass(Yellow Labei) H-SO5, Glass(Yellow Labei) H-SO4, Glass(Yellow Labei) H-SO5, Glass(Yellow Labei) H-SO5, Glass(Yellow Labei) H-SO5, Glass(Yellow Labei) H-SO6, Glass(Yellow Labei	> Z	ΣZXCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC<	ΣΣXΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕ<	ΣZXΣ	ΣZXΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕΕ<	κ	3 × ×		Laboratory Comments:	. <u>7</u>	Sample Containers Intact? VOCs Free of Headspace? N	Date Time QC Deliverables (please circle one)	Level 2 Level 3		$\mathcal{M}\cdot\mathcal{M}\cdot$ 8/22 8:50 Site Specific if yes, please pre-schedule w/ SUTHERLAND Project Manager or attach specific instructions
den D	×	×	×	×	×	×	×					Time Received by:	5	Time Received by.	
No. of Containers Shipped	က	3	3	3	3	3	3					Tin	5.50	Ë	
Delgme2 emiT	11:32	11:53	12:15	12:46	13:09	13:23									
Date Sampled	8/19/2024	8/19/2024	8/19/2024	8/19/2024	8/19/2024	8/19/2024	8/19/2024					Date	8/22/24	Date	
Sample ID or Field ID	NW-1 758570	MW-2 268571	MW-3 258572	MW-4 258573	MW-5 258574	MW-6 258575	DUP-1 258576	TEMPERATURE BLANK	Comments/Special Instructions:			Relinquished by:	Upy Offer	Relinquished by:	

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Sphere 3 Engineering, Inc. Report Date: December 26, 2024
Attention: Mr. Greg Hoagland Reference # 52930
Address: 3433 Sierra Drive P.O. # SC OS38 03

ss: 3433 Sierra Drive P.O. # SC.QS38.03 Hoover, AL 35216 Project ID: Quick Serve #38

Sample Matrix:waterAnalyticalDate Received:12/17/24Analyst:Hageman/HeardDate Collected:12/13/24Date of Analysis:12/20-23/24Sample Collector:T. Bond/J. JohnsonMethod:EPA Method 8260B

VOLATILE ORGANICS - BTEX/MTBE/NAPHTHALENE								
VOLAT	FIELD ID		<u>ነ</u>					
	MW-1	MW-2	MW-3	MW-4	MW-5	FIELD ID MW-6		
Volatile	LAB ID	LAB ID	LAB ID	LAB ID	LABID	LABID	Detection	
Organic, mg/L	262087	262088	262089	262090	262091	262092	Limit, ppm	
Benzene	0.058	0.004	0.001	0.141	12.500	0.004	0.001	
Toluene	BDL	BDL	BDL	1.160	25.000	0.004	0.001	
Ethylbenzene	0.012	BDL	BDL	0.404	3.800	BDL	0.001	
Xylenes, o,m,p	0.004	BDL	BDL	2.000	18.500	0.005	0.003	
MTBE	0.024	0.009	0.008	0.001	0.280	0.009	0.001	
Naphthalene	BDL	BDL	BDL	0.174	0.038	BDL	0.005	
787v	FIELD ID							
	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12		
Volatile	LAB ID	Detection						
Organic, mg/L	262093	262094	262095	262096	262097	262098	Limit, ppm	
Benzene	BDL	0.008	BDL	BDL	BDL	BDL	0.001	
Toluene	BDL	0.024	0.001	0.001	BDL	BDL	0.001	
Ethylbenzene	BDL	0.004	BDL	BDL	BDL	BDL	0.001	
Xylenes, o,m,p	BDL	0.024	BDL	BDL	BDL	BDL	0.003	
MTBE	0.005	0.002	0.001	0.002	BDL	0.002	0.001	
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	0.005	

Result is above method detection limit and below reporting limit BDL = Below Detection Limit, Method Detection Limit is Method Detection Limit All results expressed as ppm (mg/L) of analyte Samples preserved with HCL and refrigerated at 4 degrees C

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Sphere 3 Engineering, Inc. Report Date: December 26, 2024
Attention: Mr. Greg Hoagland Reference # 52930
Address: 3433 Sierra Drive P.O. # SC.QS38.03
Hoover, AL 35216 Project ID: Quick Serve #38

Sample Matrix:waterAnalyticalDate Received:12/17/24Analyst:Hageman/HeardDate Collected:12/13/24Date of Analysis:12/20/24Sample Collector:T. Bond/J. JohnsonMethod:EPA Method 8260B

VOLATILE ORGANICS - BTEX/MTBE/NAPHTHALENE										
	FIELD ID				and the second					
	MW-13	DUP-1								
Volatile	LAB ID	LAB ID					Detection			
Organic, mg/L	262099	262100					Limit, ppm			
Benzene	0.005	0.004					0.001			
Toluene	BDL	BDL				2	0.001			
Ethylbenzene	0.011	BDL				100 min 100 mi	0.001			
Xylenes, o,m,p	BDL	BDL					0.003			
MTBE	0.006	0.008			rgani së		0.001			
Naphthalene	0.118	BDL				arar.	0.005			

BDL = Below Detection Limit, Method Detection Limit is Method Detection Limit All results expressed as ppm (mg/L) of analyte Samples preserved with HCL and refrigerated at 4 degrees C

M# / QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Sutherland Environmental Read and Review Checklist

ormatted correctly? owing information on report correspond to	NO YES	NO YES
mation from the analytical instrumentation		
Sample Matrix	NO XES	NO YES
Analyst	NO YES	NO YES
Analysis Date/Time	NO XES	NO YES
Analyte concentration	NO ASS	NO YES
Units	NO XES	NO YES
Dilution Factors/Conversions	NO YES	NO YES
Detection/Reporting/Quant. Limits	NO KES	NO YES
QC Reviewed:	<u> </u>	YES
Initial*:		100

Sutherland Environmental Company Inc.

Sample Custodian (signed):

Sample Check-in Form

Date Received: 12 17 24	Invoice #		2930	
Method of Delivery:	Client:	Sp	nere 3	<u> </u>
Did any containers arrive broken?	•••••••••••••••••••••••••••••••••••••••	YES	No	
* If so, please state field ID with analysis of broken samp	ole(s)			
2. Were cooler(s) sealed upon arrival?		XES	NO	NA
3. Were the samples received at the proper temperature (4°C	C +/- 2°C)?	YES	NO	NA
4. Did a chain of custody accompany the samples?		YES	NO	
* Was it properly filled out?		YES	NO	
5. Were correct containers used for the analysis requested? .		YES	NO	
6. Were all containers properly preserved?		VYES	NO	NA
7. Were all water samples received at the proper pH?		YES	NO	NA
8. If VOA vials were present, was there any head space?		YES	NO	NA
* If so, please state field ID of deficient sample(s):				
9. Were all containers properly labeled and match chain of c	ustody?	V _{ES}	NO	
10. Did containers arrive within holding time of analysis?		YES	NO	
* If not, please state field ID and analysis of sample(s) ou	it of holding time:			
	ŗ			
11. Was client informed of any/all deficiencies in sample cha	eck-in?	YES	NO	V NA
12. Were any samples rejected?		YES	NO NO	
* If so, please state field ID of rejected sample(s):				

SUTHERLAND ENVIRONMENTAL COMPANY, INC.

2515 5th Avenue South

62930

ENGINEERING, INC SPHERE 3

Birmingham, AL 35233

Consultant Name: SPHERE 3 Engineering, Inc.

Address: 3433 Sierra Drive

City/State/Zip: Hoover, Alabama 35216

Client: Sanny Chowdhury

Consultant Project Mgr: Greg Hoagland

Consultant Telephone Number: (205) 403.3317

Invoice To: SPHERE 3 Engineering, Inc. Page #: Page 1 of 2

Report To: greg: jon; karen@sphere3.com

Project #: SC.QS38.03

UST Incident No.: UST24-08-05

Site Address: 4101 Troy Highway Facility ID #: Quick Serve #38

Fax No.: (205) 403.3318

Sampler Name: (Print) Tres Bond, Jimmy Johnson

Sampler Signature:

City, County, State: Montgomery, Alabama

Analyze For	BOEX/MTBE/ NPPHTHALENE 8260B TEMPERATURE	3	r	r	8	r	e	8	0	m	8	Laboratory Comments:
Matrix	Olher (specify): WATER Soil Drinking Water	×	×	×		×						
Preservative	Sodium Bisulfate HCI (Blue Label) MaOH (Orange Label) H ₂ SO ₄ Plastic (Yellow Label) H ₂ SO ₄ Plastic (Yellow Label) Mone (Black Label)	^ В	3	3	· ε	8	×	κ	3 X	3	X X	
L'	Composite Field Filtered Methanol											
	ds10	×	×	×	×	×	×	×	×	×	×	
	Time Sampled No. of Containers Shipped	12:08	11:53 3	11:27 3	14:39 3	16:29 3	15:25 3	13:31 3	14:56 2	15:42 3	16:18 3	
	Dale Sampled	12/13/2024	12/13/2024	12/13/2024	12/13/2024	12/13/2024	12/~3/2024	12/13/2024 1	12/13/2024 1	12/13/2024 1	12/13/2024	
;	Field ID	262087	242088	262089	242090	242091	242092	242093	262094	262095	262096	Comments/Special Instructions:
	Sample ID or Field ID	MW-1	MW-2	MW-3	MW-4	MW-5	9-WW	7-WM	MW-8	6-WM	MW-10	Comments/Sp

Site Specific - if yes, please pre-schedule w/ SUTHERLAND

Project Manager or attach specifc instructions

z z

QC Deliverables (please circle one)

Time

Date

Received by:

Received b

Time

13:17 Time

7/11/24

Relinquished by

Level 3 Level 4

Time 1597

Level 2

VOCs Free of Headspace?

500

Temperature Upon Receipt:

Sample Containers Intact?

SUTHERLAND ENVIRONMENTAL COMPANY, INC.

2515 5th Avenue South

52930

ENGINEERING, INC **SPHERE 3**

Report To: greg. jon. karen@sphere3.com Project #: SC.OS38.03 Invoice To: SPHERE 3 Engineering, Inc. City, County, State: Montgomery, Alabama Site Address: 4101 Troy Highway Facility ID #: Quick Serve #38 UST Incident No.: UST24-08-05 Page #: Page 2 of 2 Fax: 205 581 9504 Fax No.: (205) 403.3318 Birmingham, AL 35233 Consultant Name: SPHERE 3 Engineering, Inc. Sampler Name: (Print) Tres Bond, Jimmy Johnson City/State/Zip: Hoover, Alabama 35216 Client: Sanny Chowdhury Address: 3433 Sierra Drive Consultant Project Mgr: Greg Hoagland Consultant Telephone Number: (205) 403.3317 Sampler Signature:

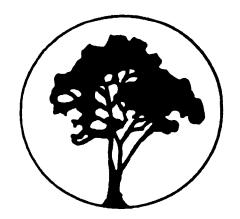
Analyze For

Preservative

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Sodium Bisulfate Sodium Bisulfate Sodium Bisulfate Sodium Bisulfate A SO SO SODIUM Bisulfate A SODIUM Bisulfate A SO SODIUM Bisulfate A SO SODIUM Bisulfate A SODIUM Bisulfate A SODIUM Bisulfate B SODIUM Bisulfate A SODIUM Bisulfate A SODIUM Bisulfate B SODIUM Bisulfate B SODIUM Bisulfate A SODIUM Bisulfate B SODIUM Bisulfate B SODIUM Bisulfate B SODIUM BISULfate B SODIUM B SODIUM BISULfate B SODIUM B	1ERLAND
One (Black Label) One	
One (Black Label) One	Laboratory Comments: Temperature Upon Receipt: 1.2 Sample Containers Intact?
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deab × × × × Crab	$\times \times \times $
Fig. 1. Shipped	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
belgms Sampled	3.2 3.3 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5
Сайе Сатріе 12/13/2024 12/13/2024 12/13/2024 13/2024	
Sample ID or Field ID MW-11 MW-12 Ju2098 12/1 MW-13 DUP-1 TEMPERAT URE BLANK Comments/Special Instructions: Relinquished by: Relinquished by:	2\u00e400999999999999999999999999999999999

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Sphere 3 Engineering, Inc. Report Date: May 6, 2025
Attention: Mr. Greg Hoagland Reference # 53806
Address: 3433 Sierra Drive P.O. # SC.QS38.07
Hoover, AL 35216 Project ID: Quick Serve #38

Sample Matrix:waterAnalyticalDate Received:4/29/25Analyst:Hageman/HeardDate Collected:4/28/25Date of Analysis:5/5-6/25Sample Collector:T. Bond/J. JohnsonMethod:EPA Method 8260B

VOLATILE ORGANICS - BTEX/MTBE/NAPHTHALENE									
	FIELD ID		FIELD ID				ւ 		
	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	1		
Volatile	LAB ID	LABID	LABID	LAB ID	LABID	LABID	Detection		
Organic, mg/L	265775	265776	265777	265778	265779	265780	Limit, ppm		
Benzene	0.034	0.006	0.002	0.283	7.620	0.022	0.001		
Toluene	BDL	BDL	BDL	0.007	5.120	0.003	0.001		
Ethylbenzene	0.050	BDL	BDL	0.091	1.560	0.002	0.001		
Xylenes, o,m,p	BDL	BDL	BDL	0.333	7.460	BDL	0.003		
MTBE	0.037	0.009	0.007	0.013	0.138	0.012	0.001		
Naphthalene	0.022	BDL	BDL	0.044	0.116	BDL	0.005		
	FIELD ID								
	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12			
Volatile	LABID	LAB ID	Detection						
Organic, mg/L	265781	265782	265783	265784	265785	265786	Limit, ppm		
Benzene	BDL	BDL	0.013	BDL	0.002	0.008	0.001		
Toluene	BDL	BDL	0.004	BDL	BDL.	BDL	0.001		
Ethylbenzene	BDL	BDL	0.002	BDL	0.002	0.022	0.001		
Xylenes, o,m,p	BDL	BDL	0.008	BDL	BDL	BDL	0.003		
MTBE	0.007	0.001	0.002	0.002	BDL	0.003	0.001		
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	0.005		

Result is above method detection limit and below reporting limit BDL = Below Detection Limit, Method Detection Limit is Method Detection Limit All results expressed as ppm (mg/L) of analyte Samples preserved with HCL and refrigerated at 4 degrees C

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client:	61 25 :	· <u> </u>		
Chent:	Sphere 3 Engineering, Inc.	Report Date:	May 6, 2025	
Attention:	Mr. Greg Hoagland	D o forman = = #	,	
1		Reference #	53806	
Address:	3433 Sierra Drive	P O #	SC.OS38.07	
			3C.Q338.07	
	Hoover, AL 35216	Project ID:	Quick Serve #38	

Sample Matrix:	water	Analytical	
Date Received:	4/29/25	Analyst:	Hageman/Heard
Date Collected:	4/28/25	Date of Analysis:	5/5-6/25
Sample Collector:	T. Bond/J. Johnson	Method:	EPA Method 8260B

VOLATILE ORGANICS - BTEX/MTBE/NAPHTHALENE											
	FIELD ID	FIELD ID			ľ		Ī				
	MW-13	DUP-1									
Volatile	LABID	LAB ID					Detection				
Organic, mg/L	265787	265788					Limit, ppm				
Benzene	0.002	0.003					0.001				
Toluene	BDL	BDL			er sair sa		0.001				
Ethylbenzene	0.002	0.003					0.001				
Xylenes, o,m,p	BDL	BDL					0.003				
MTBE	0.006	0.006					0.003				
Naphthalene	0.053	0.054					0.005				

BDL = Below Detection Limit, Method
Detection Limit is Method Detection Limit
All results expressed as ppm (mg/L) of analyte
Samples preserved with HCL and refrigerated at 4 degrees C

/QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Sutherland Environmental Read and Review Checklist

			i
1. Is the client an on report?	nd the sample collector(s) accurately not	ted NO YES	NO YES
2. Do all dates n	natch the COC on the report?	NO YXS	NO YES
3. Is the purchas noted on repo	e order ID (PO) and project ID accurate ort?	ely NO YX	NO YES
4. Are all metho	ds and method references correct on rep	port? NO YES	NO YES
5. Do the Field I COC?	D(s) and the Lab ID(s) correspond to th	e NO Y	NO YES
6. Is the report for	ormatted correctly?	NO YES	NO YES
7. Does the follo printout infor	wing information on report correspond mation from the analytical instrumentation	to the ion:	
	Sample Matrix	NO XES	NO YES
	Analyst	NO YX	NO YES
	Analysis Date/Time	NO YES	NO YES
	Analyte concentration	NO YES	NO YES
	Units	NO XED	NO YES
	Dilution Factors/Conversions	NO YES	NO YES
	Detection/Reporting/Quant. Limits	NO YES	NO YES
	QC Reviewed:	YRS	YES
	Initial*: * MJH = Michael Heard KD =	Kevin Doriety, MSH = Matt Hagema	an KH = Kelly Hester
	Mora Michael Fleate, KD =	Actin Donety, Mort – Matt Magent	an, Kit – Keny Hester
PDF / Notes:	Sphere 3		
		53801	_
	Invo	3000	<u> </u>
		Sutherland Environmenta	I Co., Inc.
	······································		

Sutherland Environmental Company Inc.

Sample Check-in Form

Date Received: 4 29 25	Invoice #		5380V)
Method of Delivery:	Client:	_Sp	here 3)
Did any containers arrive broken?		YES	VNO	
* If so, please state field ID with analysis of broken sampl	e(s)			-
2. Were cooler(s) sealed upon arrival?		XES	NO	NA
3. Were the samples received at the proper temperature (4°C)	+/- 2°C)?	YES	NO	NA
4. Did a chain of custody accompany the samples?		YES	NO	
* Was it properly filled out?		YES	NO	
5. Were correct containers used for the analysis requested?		Y ES	NO	
6. Were all containers properly preserved?		√YES	NO	NA
7. Were all water samples received at the proper pH?	[YES	NO	NA
8. If VOA vials were present, was there any head space?	[YES	NO	NA
* If so, please state field ID of deficient sample(s):				
9. Were all containers properly labeled and match chain of cu	stody?	. YÆS	NO	
10. Did containers arrive within holding time of analysis?	[ves	NO	
* If not, please state field ID and analysis of sample(s) out	of holding time:			
11. Was client informed of any/all deficiencies in sample chec	ck-in?	YES	NO	√ NA
12. Were any samples rejected?	[YES	NO/	
* If so, please state field ID of rejected sample(s):	A 1			
Sample Custodian (signed):	/V -			

SUTHERLAND ENVIRONMENTAL COMPANY, INC.

2515 5th Avenue South

Birmingham, AL 35233

53806

ENGINEER!NG, INC

Site Specific - if yes, please pre-schedule w/ SUTHERLAND Due Date of Report PDF Results (yes or no) ≻ Z ≻ Z <u>≻</u> ≻ Z ≻ z ≻ Z <u>≻</u> Z Z Project Manager or attach specifc instructions z z TAT request (in Bus. Days Report To: greg; jon; karen@sphere3.com (Piubərio2-919) TAT H2UR Ü Invoice To: SPHERE 3 Engineering, Inc. OC Deliverables (please circle one) Temperature Upon Receipt: VOCs Free of Headspace? City, County, State: Montgomery, Alabama Sample Containers Intact? Site Address: 4101 Troy Highway Facility ID #: Quick Serve #38 Laboratory Comments UST Incident No.: UST24-08-05 Project #: SC.QS38.07 Page #: Page 1 of 2 Analyze For Level 3 Level 2 Level 4 **EMPERATURE** NAPHTHALENE 8260B က 3 က က က က Time 1401 BTEX/MTBE/ Other (specify): WATER lioS Matrix Sludge Date Drinking Water × X × × × X × None (Black Label) Fax No.: (205) 403.3318 HNO3 (Red Label) Preservative NaOH (Orange Label) HCI (Blue Label) 3 3 3 Sodium Bisulfate Methanol Received by Received by Field Fittered Composite × × Time Time 10.71 Consultant Name: SPHERE 3 Engineering, Inc. Sampler Name: (Print) Tres Bond, Jimmy Johnson No. of Containers Shipped City/State/Zip: Hoover, Alabama 35216 4/28/2025 | 15:29 4/28/2025 | 12:56 4/28/2025 | 14:33 4/28/2025 | 16:15 15:17 16:48 4/28/2025 | 12:43 4/28/2025 | 16:04 14:21 4/28/2025 | 12:07 Time Sampled Client: Sanny Chowdhury 52/62/ Address: 3433 Sierra Drive Consultant Project Mgr: Greg Hoagland Consultant Telephone Number: (205) 403.3317 4/28/2025 4/28/2025 4/28/2025 Date Sampled Sampler Signature: Comments/Special Instructions: פני ġ が Sample ID or Field ID Relinquished by: MW-10 MW-1 **MW-2** MW-3 MW-4 **MW-5** MW-6 MW-8 MW-9 **MW-7**

SUTHERLAND ENVIRONMENTAL COMPANY, INC.

2515 5th Avenue South

Birmingham, AL 35233

53806 SPHERE 3 ENGINEERING, INC

Collocation	. SPITERES Engineering, Inc	sering, in	ان				ĺ				- [1			ď	ige #:	Pag	Page #: Page 2 of 2	f 2						
Address:	: 3433 Sierra Drive							Ì				ļ	1		-	voic	Invoice To:	SP	SPHERE 3 Engineering, Inc.	3 Eng	ineeri	ng, I	<u>ب</u>			
City/State/Zip	City/State/Zip: Hoover, Alabama 35216	35216													už.	epo	Report To:	gre	greg; jon; karen@sphere3.com	kare	l@st	here	33.00	٦		
Client:	: Sanny Chowdhury										 		l			Proj	Project #:	SC	SC.QS38.07	20.						
Consultant Project Mgr.	Greg Hoagland													ر	UST Incident No.: UST24-08-05	iden	t No.:	US	⁷ 24-0	8-05						
Consultant Telephone Number:	(205) 403.3317	j			Fax	No.:	(20	Fax No.: (205) 403.3318	3.33	<u>7</u>			l		Fa	cility	# □	Ö	Facility ID #: Quick Serve #38	Ze #						
Sampler Name: (Print)	Tres Bond, Jimmy Johnson	Johnson	1												Site	Add	ress	410	Site Address: 4101 Troy Highway	High.	way					
Sampler Signature:				1	4	$\backslash \backslash$				ı				ĊĦ	City, County, State: Montgomery, Alabama	ty, §	state:	No	tgom	ery, A	laba	la E				
	,				닉		Pres	Preservative	tive		L	ا ٔ ا	Matrix	×	L			Anal	Analyze For:	l E	l	1	Г			
Sample ID or Field ID	beldens? ets!	Time Sampled No. of Containers Shipped	dsiĐ	Composite	Field Filtered Methanol	Sodium Bisulfate	HCI (Blue Label)	NaOH (Orange Label) H ₂ SO ₄ Plastic (Yellow Label)	H ₂ SO ₄ Glass(Yellow Label)	None (Black Label)	Groundwater	Wastewater	Drinking Water Sludge	lioS	Other (specify): WATER	ирнтнасеие 8260в Темрератире							(Slubertachedule)	(ays) (in Bus. Days)	PDF Results (yes or no)	one Date of Report
MW-11 265785	4/28/2025 13:54	54 3	×				3			<u> </u>	×		-		3	1			\vdash			╁	╬	Z	 	
MW-12 265786	4/28/2025 13	13:43 3	×				3			<u> </u>	×		-		3	-			-			╁	+	_	 >	
2057	4/28/2025 11:55	55 3	×				3			\vdash	×				က				-			┼-	-	Z	 	
DUP-1 205788	4/28/2025	3	×			\Box	3				×				3						\vdash	\vdash	-	z	>	3
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Comments/Special Instructions:]	۲	pora	ton	Laboratory Comments	nents	 :. (:	6] _		
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Kelinquisha by:	Date	Time	<u>(1)</u>	Received by:	d by:							_	Date	-	Time	ŏ	C Defin	verab	QC Deliverables (please circle one)	ease	circle	one)	١			
Up Clah	4/29/25	14.0	10	i												اد د	Level 2 Level 3									
Relinquished by:	Date	Time		Received by	<u>ک</u> کِیٰ	_	~	_					Zate 7	-	Date Time		Level 4 Site Spe	cific.	je	<u> </u>	90	478	1	<u>`</u>	Level 4 Site Specific - if ves please pre-schadula w/ STITHEDI AND	
		 ,		`	<u> </u>	ذ	<	2				-	1	_	<u>7</u>		vior V	Aanac	Project Manager or attach specific instruction	יייייייייייייייייייייייייייייייייייייי	יים אני	ي و	3 1	à à		LAND



appendix d

	HISTORICAL DISSOLVED COC ANALYTICAL SUMMARY QUICK SERVE #38 (UST24-08-05)								
				ETHYL-	TOTAL		NAPH-		
MONITOR		BENZENE	TOLUENE	BENZENE	XYLENES	MTBE	THALENE		
WELL	DATE	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)		
MW-1	8/19/2024	0.042	<0.001	0.013	0.023	0.011	<0.005		
	12/13/2024	0.058	<0.001	0.012	0.004	0.024	<0.005		
	4/28/2025	0.034	<0.001	0.050	<0.003	0.037	0.022		
SSTLs GRP		0.158	31.500	22.100	175.000	0.630	0.630		
MW-2	8/19/2024	0.003	<0.001	<0.001	<0.003	0.009	<0.005		
	12/13/2024	0.004	<0.001	<0.001	<0.003	0.009	<0.005		
	DUP-1	0.004	<0.001	<0.001	<0.003	0.008	<0.005		
007/ - 000	4/28/2025	0.006	<0.001	<0.001	< 0.003	0.009	<0.005		
SSTLs GRP	0/40/0004	0.258	51.700	36.200	175.000	1.030	1.030		
MW-3	8/19/2024	0.001	<0.001	<0.001	<0.003	0.004	<0.005		
	12/13/2024	0.001	<0.001	<0.001	<0.003	0.008	<0.005		
SCTI & CDD	4/28/2025	0.002	<0.001	<0.001	< 0.003	0.007	<0.005		
SSTLs GRP	0/40/2024	0.330	66.000	46.200	175.000	1.320	1.320		
MW-4	8/19/2024 DUP-1	2.960	9.810	1.500	8.480	0.266 <i>0.269</i>	0.306		
	12/13/2024	3.240 0.141	<i>10.300</i> 1.160	1.650 0.404	9.250 2.000	0.269	0.312 0.174		
	4/28/2025	0.141	0.007	0.404	0.333	0.001	0.174		
SSTLs GRP	4/20/2025	0.263	66.100	46.300	175.000	1.320	1.320		
MW-5*	8/19/2024	10.900	26.800	2.740	14.600	0.470	0.269		
10100-3	12/13/2024	12.500	25.000	3.800	18.500	0.470	0.209		
	4/28/2025	7.620	5.120	1.560	7.460	0.280	0.038		
SSTLs GRP	4/20/2023	0.331	66.100	46.300	175.000	1.320	1.320		
MW-6	8/19/2024	0.015	0.040	0.003	0.026	0.016	<0.005		
10100-0	12/13/2024	0.013	0.040	<0.003	0.020	0.010	<0.005		
	4/28/2025	0.022	0.004	0.002	<0.003	0.012	<0.005		
SSTLs GRP	1/20/2020	0.331	66.100	46.300	175.000	1.320	1.320		
MW-7	12/13/2024	<0.001	<0.001	<0.001	<0.003	0.005	<0.005		
	4/28/2025	<0.001	<0.001	<0.001	<0.003	0.007	<0.005		
SSTLs GRP	.,,	0.0722	14.400	10.100	144.000	0.289	0.289		
MW-8	12/13/2024	0.008	0.024	0.004	0.024	0.002	<0.005		
	4/28/2025	<0.001	<0.001	<0.001	< 0.003	0.001	<0.005		
SSTLs GRP		0.221	44.100	30.900	175.000	0.883	0.883		
MW-9	12/13/2024	<0.001	0.001	<0.001	< 0.003	0.001	<0.005		
	4/28/2025	0.013	0.004	0.002	0.008	0.002	<0.005		
SSTLs GRP		0.331	66.100	46.300	175.000	1.320	1.320		
MW-10	12/13/2024	<0.001	0.001	<0.001	<0.003	0.002	<0.005		
	4/28/2025	<0.001	<0.001	<0.001	<0.003	0.002	<0.005		
SSTLs GRP		0.330	66.100	46.300	175.000	1.320	1.320		
MW-11	12/13/2024	<0.001	<0.001	<0.001	<0.003	<0.001	<0.005		
	4/28/2025	0.002	<0.001	0.002	<0.003	<0.001	<0.005		
SSTLs GRP		0.277	55.400	38.800	175.000	1.110	1.110		
MW-12	12/13/2024	<0.001	<0.001	<0.001	<0.003	0.002	<0.005		
007/ 077	4/28/2025	0.008	<0.001	0.022	< 0.003	0.003	<0.005		
SSTLs GRP	40/40/202	0.152	30.500	21.300	175.000	0.609	0.609		
MW-13	12/13/2024	0.005	<0.001	0.011	<0.003	0.006	0.118		
	4/28/2025	0.002	<0.001	0.002	<0.003	0.006	0.053		
SCTI - CDD	DUP-1	0.003	<0.001	0.003	<0.003	0.006	0.054		
SSTLs GRP		0.102	20.500	14.300	175.000	0.410	0.410		

Note:

mg/L – milligrams per liter

NA – Not Analyzed

SSTLs GRP – Site Specific Target Level protective of the Groundwater Resource Protection area

Concentrations highlighted in **bold** type exceed applicable SSTLs.

^{* -} source well