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

SPHERE 3
ENGINEERING, INC

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 County, 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?	**None**
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?	**No**
Is there an imminent threat of contamination to any drinking water wells?	**No**
Have vapors or contaminated groundwater posed a threat to the public?	**No**
Are any underground utilities impacted by the release?	**No**
Have surface waters been impacted by the release?	**No**
Is there an imminent threat of contamination of surface waters?	**No**
What is the type of surrounding population?	**Residential/Commercial**

CONTAMINATION DESCRIPTION:

Type of contamination at site: {**X**} Gasoline { } Diesel { } Waste Oil
{ } Kerosene { } Other:

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 naphthalene

Max. benzene/MTBE/naphthalene concentrations in groundwater:
12.500 mg/L benzene / 0.470 mg/L MTBE / 0.312 mg/L naphthalene

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 COMPLETING THIS FORM:	Greg Hoagland, P.E. 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.	☒	☐

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.	☐	☒
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).	☐	☒
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		
I.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.

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.

SUMMARY OF PREVIOUSLY CONDUCTED SITE ACTIVITIES

Site Location and Description

The subject facility is located in the southwest ¼ 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

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

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.

TABLE 1
COCs IN SOILS SUMMARY
QUICK SERVE #38

BORING	DEPTH (feet)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	MTBE (mg/kg)	NAPH-THALENE (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
	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
	10	<0.005	<0.005	<0.005	<0.015	<0.005	<0.025
SB-13	5	<0.005	<0.005	<0.005	<0.015	<0.005	<0.025
	10	<0.005	<0.005	<0.005	<0.015	<0.005	0.353
GRP SSTLs		*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.

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.

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.

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.

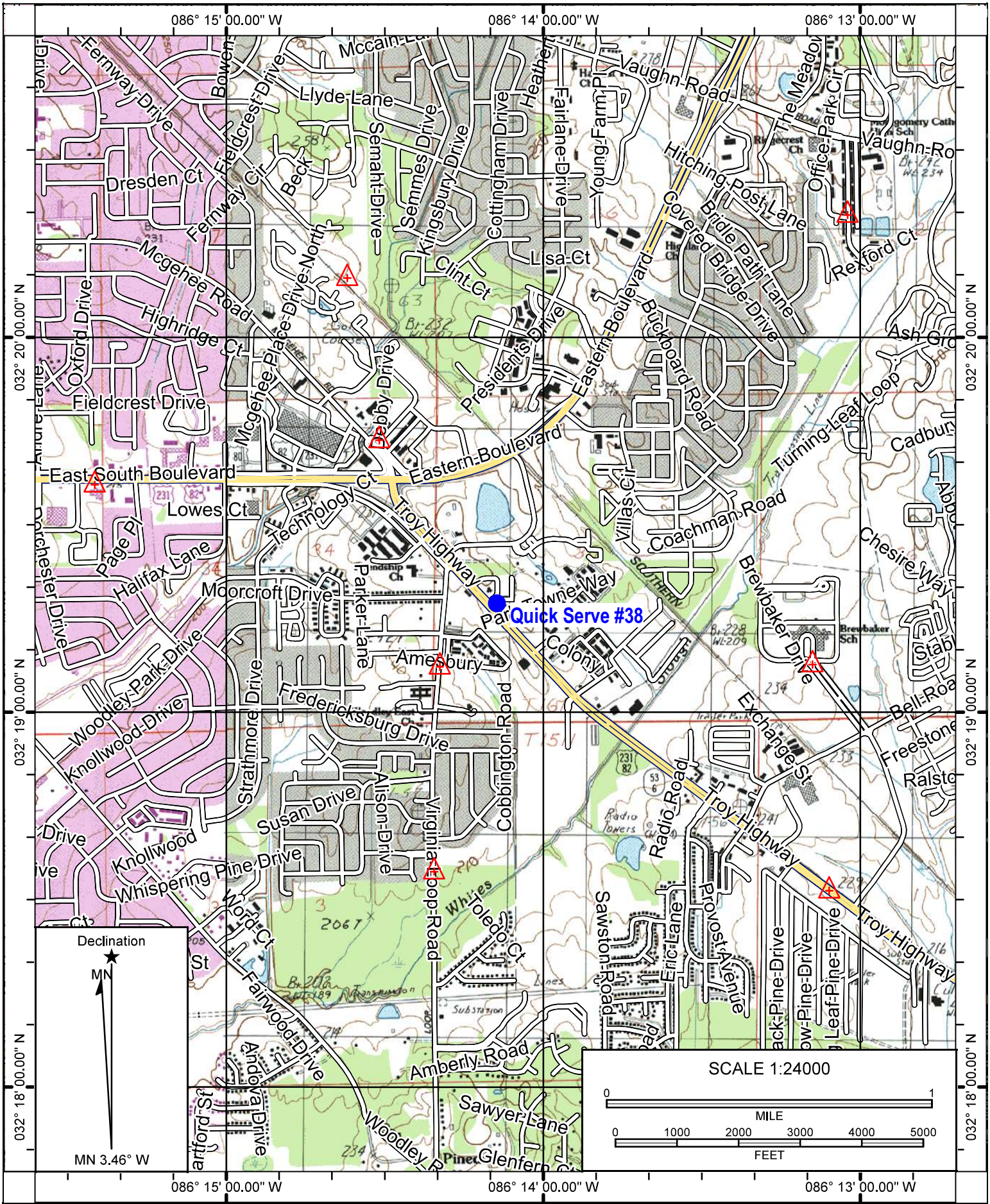
PERSONNEL AND SUBCONTRACTOR QUALIFICATIONS

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).

SPHERE 3
ENGINEERING, INC



Name: BARACHIAS
Date: 08/12/24
Scale: 1 inch = 2,000 ft.

Location: 032° 19' 17.41" N, 086° 14' 09.09" W
Caption: FIGURE 1; Quick Serve #38; Montgomery, Alabama; Area Vicinity Map

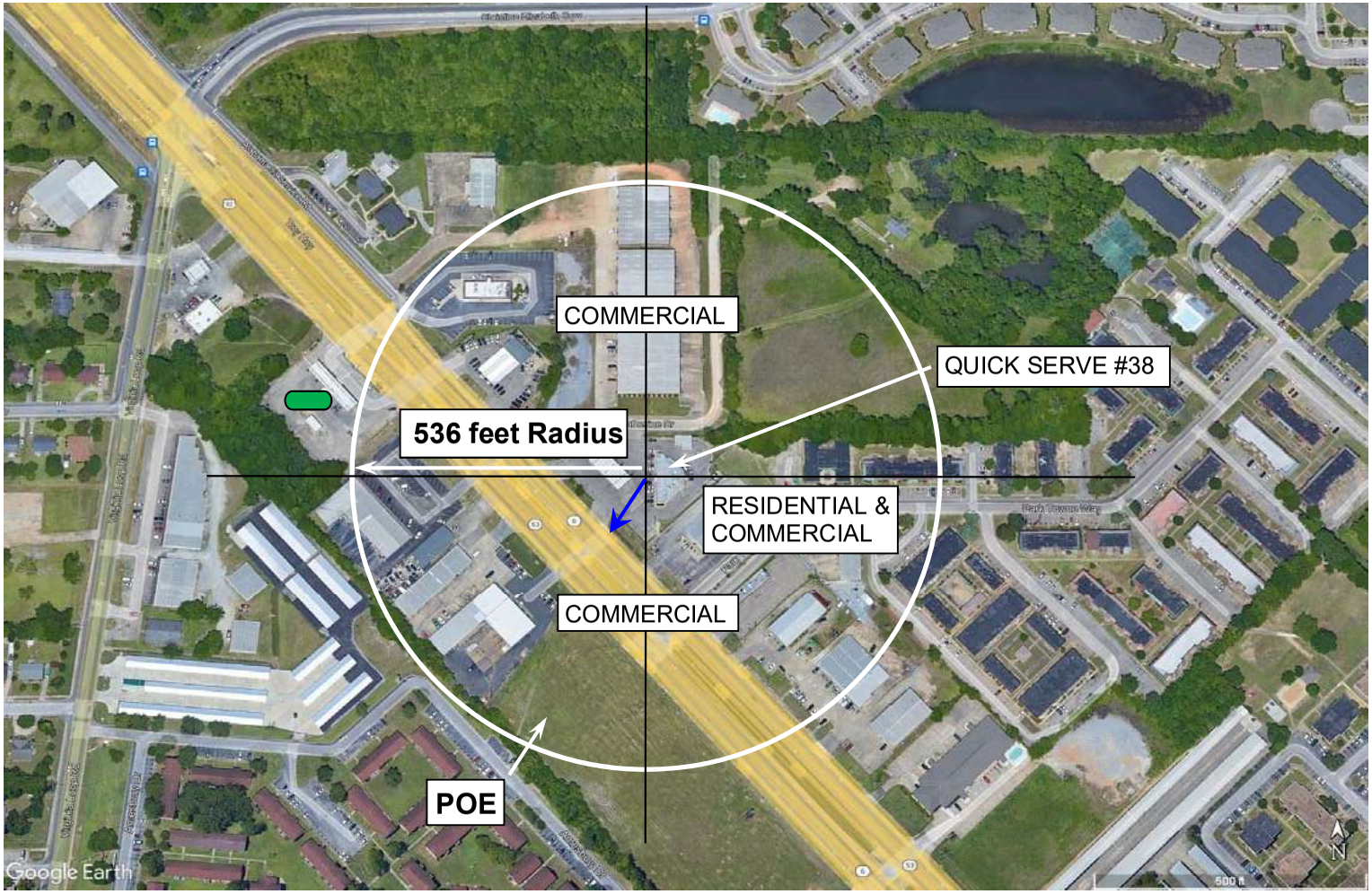
Datum: NAD27

CADD FILE NO.: SC.QS38

CHECKED BY

MEP

DRAWN BY



LEGEND

Source: Google Earth

UST Site (active)

POE - (Projected) Point of Exposure

Groundwater Flow Direction

DATE	NO.	REVISION	BY
08/12/24	2	Resized to 8.5"x11"	GTD
08/12/24	1	Border Adjustments	JGH

SPHERE 3
ENGINEERING, INC

AIR BASE, INC.
MONTGOMERY, ALABAMA 36116

ALABAMA RISK BASED CORRECTIVE ACTION
QUICK SERVE #38 (UST24-08-05)
4101 TROY HIGHWAY
MONTGOMERY, ALABAMA 36116

AREA VICINITY MAP

2
Figure

CADD FILE NO.: SC.QS38

DRAWN BY | MEP | CHECKED BY

LEGEND

Source: Google Earth

DATE	NO.	REVISION	BY
08/12/24	1	Border Adjustments	JGH

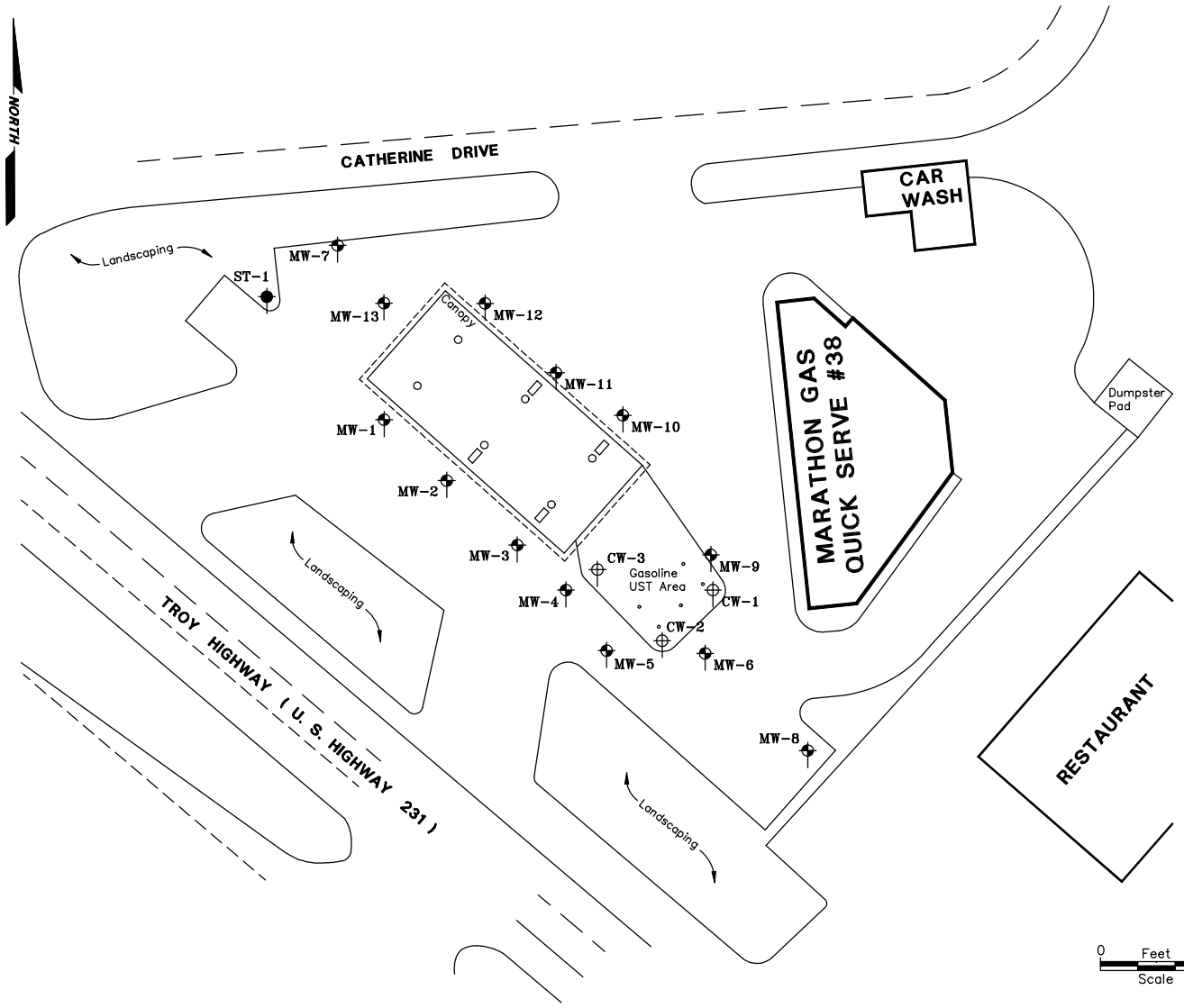
SPHERE 3
ENGINEERING, INC

AIR BASE, INC.
MONTGOMERY, ALABAMA 36116

ALABAMA RISK BASED CORRECTIVE ACTION
QUICK SERVE #38 (UST24-08-05)
4101 TROY HIGHWAY
MONTGOMERY, ALABAMA 36116

GEOLOGIC MAP

3
Figure



LEGEND

- Soil Exploration Boring
- Soil Exploration Boring/Type II Monitor Well
- Soil Exploration Boring/Type III Monitor Well
- Compliance Well
- Proposed Soil Exploration Boring/Type II Monitor Well

CADD FILE NO.

CHECKED BY

M.E.P.

DRAWN BY

DATE	NO.	REVISION	BY

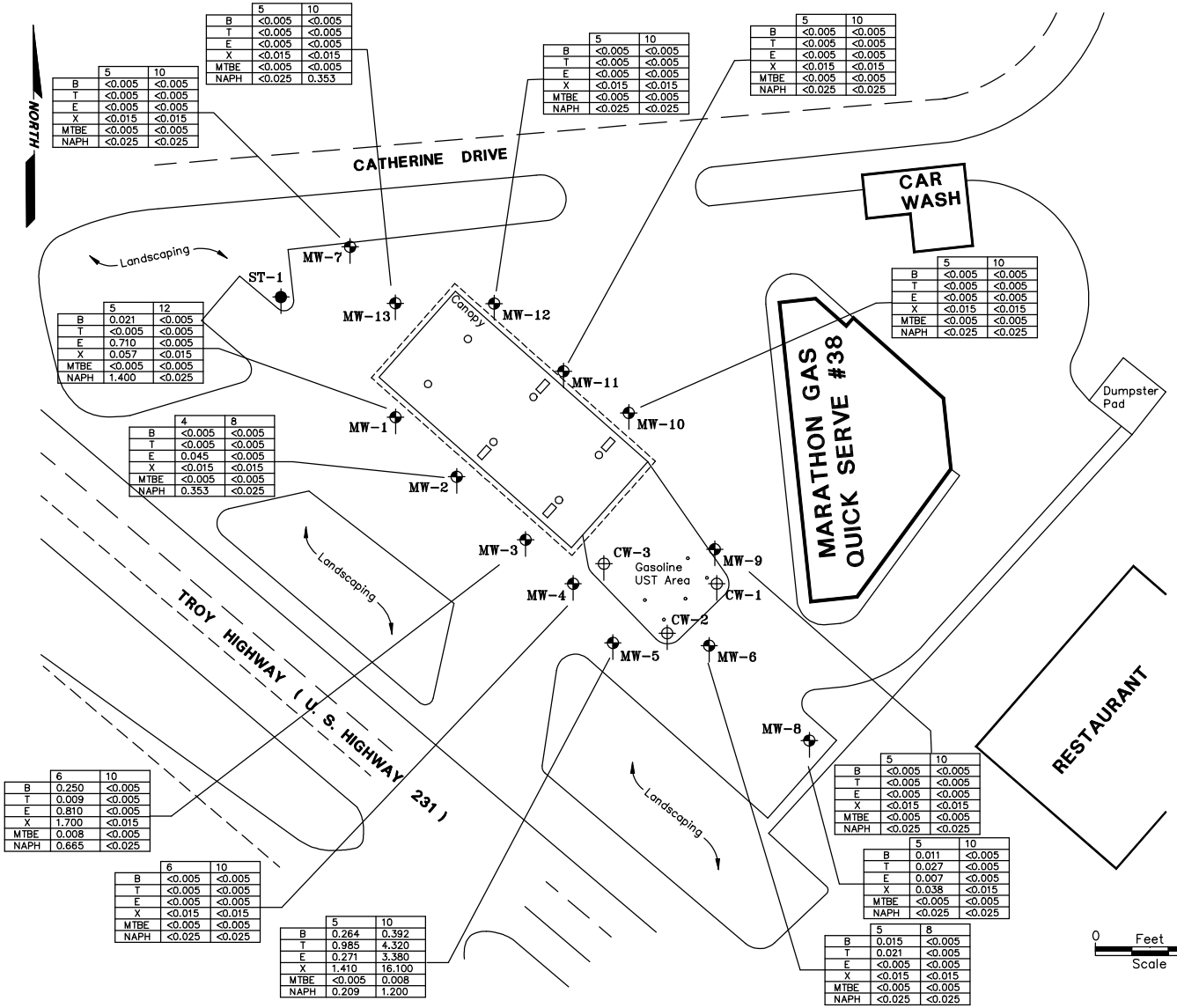
AIR BASE, INC.
MONTGOMERY, ALABAMA 36116
Client

CORRECTIVE ACTION PLAN
QUICK SERVE #38 (UST24-08-05)
4101 TROY HIGHWAY
MONTGOMERY, ALABAMA 36116
Project Title

SPHERE 3
ENGINEERING, INC

SITE PLAN

4
Fig. No.



	5	10
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T	<0.005	<0.005
E	<0.005	<0.005
X	<0.015	<0.015
MTBE	<0.005	<0.005
NAPH	<0.025	0.353

	5	10
B	<0.005	<0.005
T	<0.005	<0.005
E	<0.005	<0.005
X	<0.015	<0.015
MTBE	<0.005	<0.005
NAPH	<0.025	<0.025

	5	10
B	<0.005	<0.005
T	<0.005	<0.005
E	<0.005	<0.005
X	<0.015	<0.015
MTBE	<0.005	<0.005
NAPH	<0.025	<0.025

	5	12
B	0.021	<0.005
T	<0.005	<0.005
E	0.710	<0.005
X	0.057	<0.015
MTBE	<0.005	<0.005
NAPH	1.400	<0.025

	5	10
B	<0.005	<0.005
T	<0.005	<0.005
E	<0.005	<0.005
X	<0.015	<0.015
MTBE	<0.005	<0.005
NAPH	<0.025	<0.025

	4	8
B	<0.005	<0.005
T	<0.005	<0.005
E	0.045	<0.005
X	<0.015	<0.015
MTBE	<0.005	<0.005
NAPH	0.353	<0.025

	6	10
B	0.250	<0.005
T	0.009	<0.005
E	0.810	<0.005
X	1.700	<0.015
MTBE	0.008	<0.005
NAPH	0.665	<0.025

	6	10
B	<0.005	<0.005
T	<0.005	<0.005
E	<0.005	<0.005
X	<0.015	<0.015
MTBE	<0.005	<0.005
NAPH	<0.025	<0.025

	5	10
B	0.264	0.392
T	0.985	4.320
E	0.271	3.380
X	1.410	16.100
MTBE	<0.005	0.008
NAPH	0.209	1.200

	5	10
B	<0.005	<0.005
T	<0.005	<0.005
E	<0.005	<0.005
X	<0.015	<0.015
MTBE	<0.005	<0.005
NAPH	<0.025	<0.025

	5	10
B	<0.005	<0.005
T	<0.005	<0.005
E	<0.005	<0.005
X	<0.015	<0.015
MTBE	<0.005	<0.005
NAPH	<0.025	<0.025

	5	10
B	0.011	<0.005
T	0.027	<0.005
E	0.007	<0.005
X	0.038	<0.015
MTBE	<0.005	<0.005
NAPH	<0.025	<0.025

	5	8
B	0.015	<0.005
T	0.021	<0.005
E	<0.005	<0.005
X	<0.015	<0.015
MTBE	<0.005	<0.005
NAPH	<0.025	<0.025

LEGEND

- Soil Exploration Boring
- Soil Exploration Boring/Type II Monitor Well
- Soil Exploration Boring/Type III Monitor Well
- Compliance Well
- Proposed Soil Exploration Boring/Type II Monitor Well

	Sample Collection Depth (feet bgs)
B	Benzene Concentration (mg/kg)
T	Toluene Concentration (mg/kg)
E	Ethylbenzene Concentration (mg/kg)
X	Total Xylenes Concentration (mg/kg)
MTBE	Methyl-Tertiary-Butyl-Ether Concentration (mg/kg)
NAPH	Naphthalene Concentration (mg/kg)

bgs below the ground surface

(mg/kg) Milligrams per Kilogram

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M.E.P.
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SPHERE 3 ENGINEERING, INC

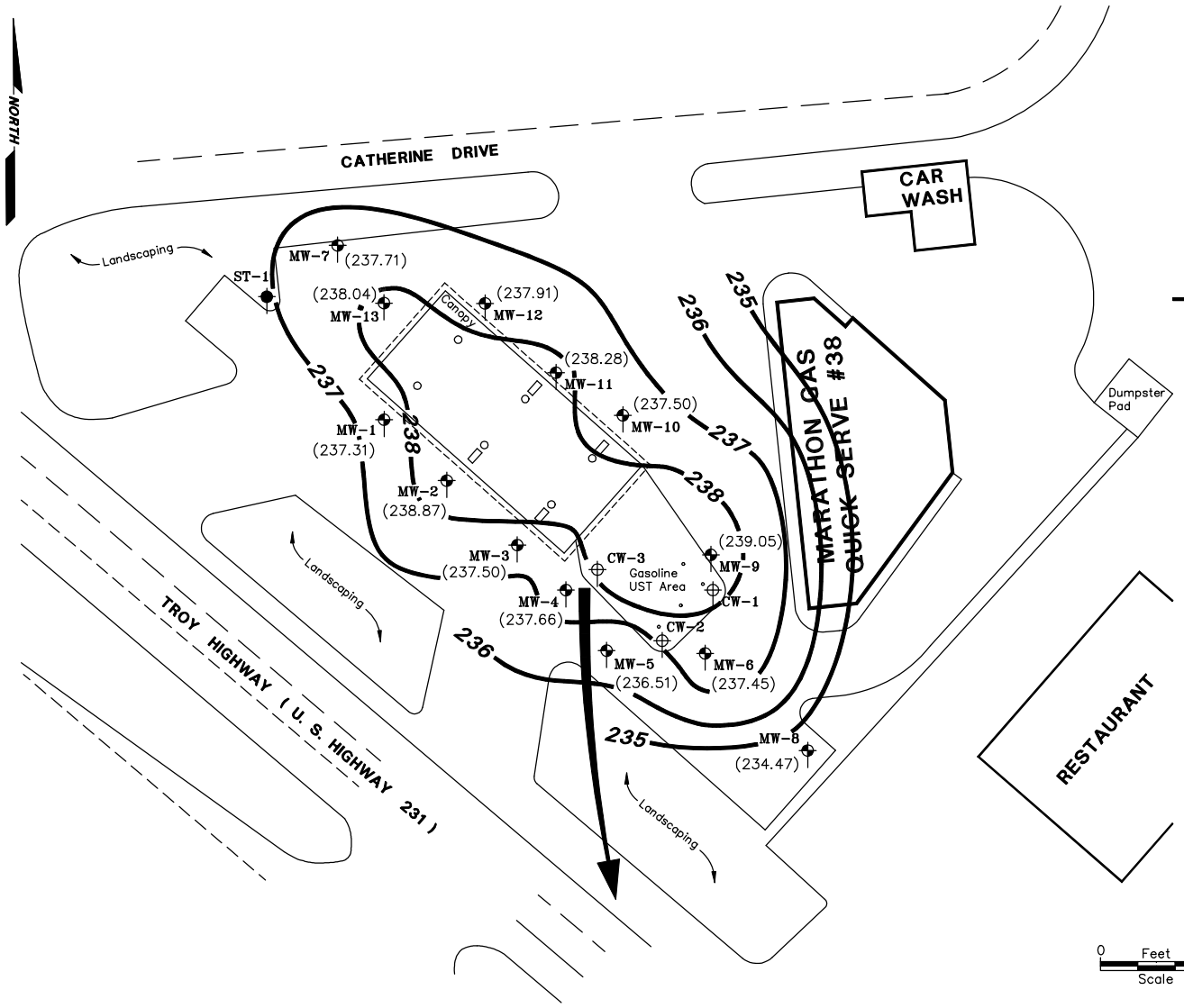
DATE	NO.	REVISION	BY

AIR BASE, INC.
MONTGOMERY, ALABAMA 36116
Client

CORRECTIVE ACTION PLAN
QUICK SERVE #38 (UST24-08-05)
4101 TROY HIGHWAY
MONTGOMERY, ALABAMA 36116
Project Title

SOILS COCs CONCENTRATIONS MAP

5
Fig. No.



LEGEND

- Soil Exploration Boring
- Soil Exploration Boring/Type II Monitor Well
- Soil Exploration Boring/Type III Monitor Well
- Compliance Well
- Proposed Soil Exploration Boring/Type II Monitor Well
- (237.31) Potentiometric Surface Elevation (feet a.m.s.l.)
- −237− Isopotentiometric Surface Elevation Contour (feet a.m.s.l.)
- Groundwater Flow Direction (4/28/2025)

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SPHERE 3 ENGINEERING, INC

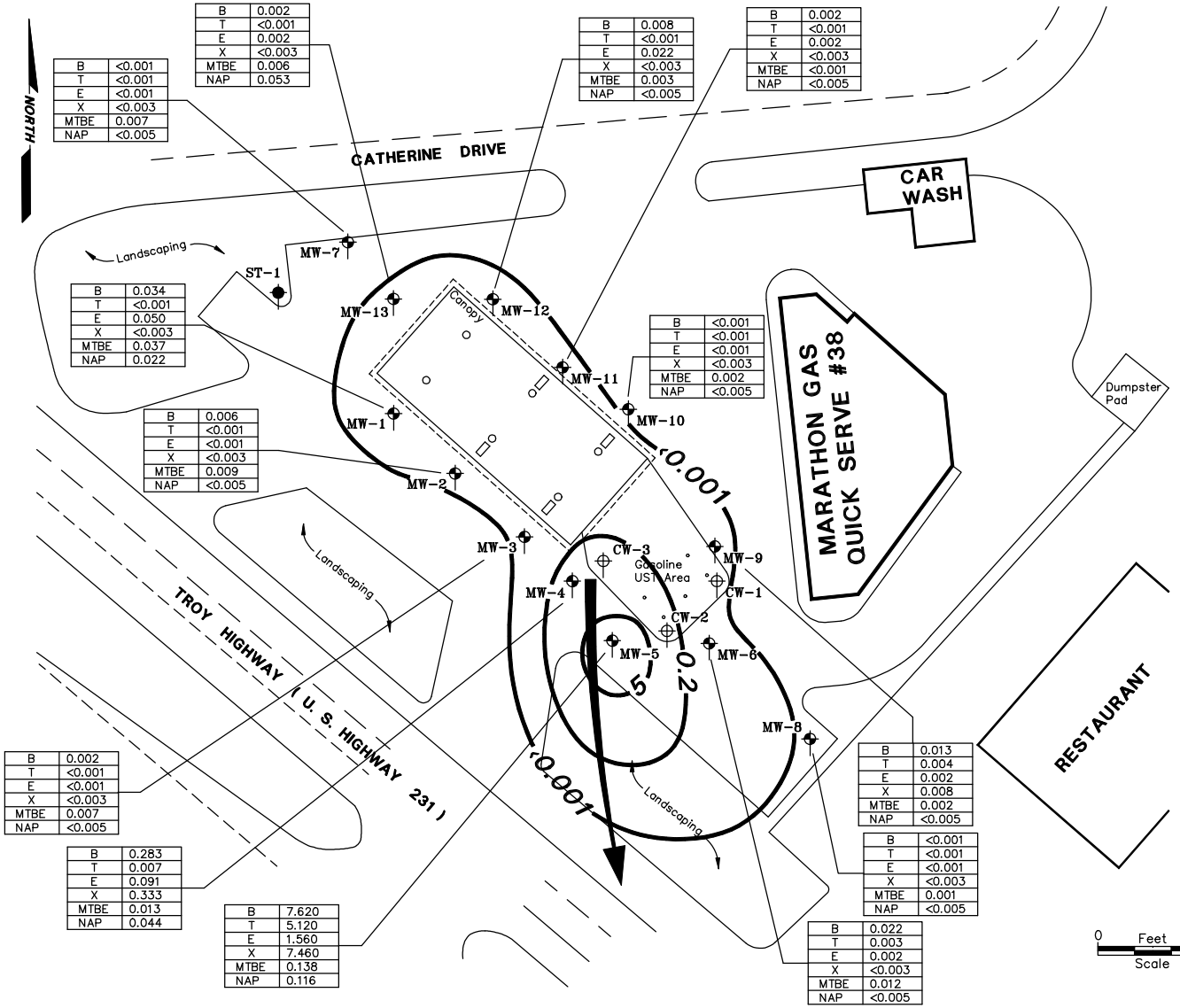
DATE	NO.	REVISION	BY

AIR BASE, INC.
MONTGOMERY, ALABAMA 36116
Client

CORRECTIVE ACTION PLAN
QUICK SERVE #38 (UST24-08-05)
4101 TROY HIGHWAY
MONTGOMERY, ALABAMA 36116
Project Title

POTENTIOMETRIC SURFACE ELEVATION MAP (4/28/2025)

6
Fig. No.



LEGEND

- Soil Exploration Boring
- Soil Exploration Boring/Type II Monitor Well
- Soil Exploration Boring/Type III Monitor Well
- Compliance Well
- Proposed Soil Exploration Boring/Type II Monitor Well

B	Dissolved Benzene Concentration (mg/L)
T	Dissolved Toluene Concentration (mg/L)
E	Dissolved Ethylbenzene Concentration (mg/L)
X	Dissolved Total Xylenes Concentration (mg/L)
MTBE	Dissolved Methyl-Tertiary-Butyl-Ether Concentration (mg/L)
NAP	Dissolved Naphthalene Concentration (mg/L)

-5- Dissolved Benzene Isoconcentration Contour (mg/L)

Groundwater Flow Direction (4/28/2025)

(mg/L) Milligrams per Liter

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MONTGOMERY, ALABAMA 36116
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CORRECTIVE ACTION PLAN
QUICK SERVE #38 (UST24-08-05)
4101 TROY HIGHWAY
MONTGOMERY, ALABAMA 36116
Project Title

DISSOLVED COCs CONCENTRATIONS MAP (4/28/2025)

Fig. No. 7

SPHERE 3 ENGINEERING, INC

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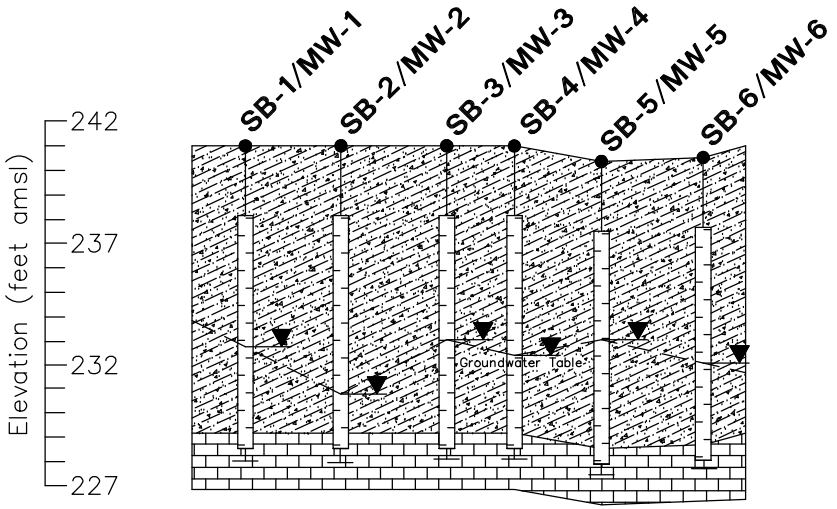

LEGEND

- Silty Clay
- Weathered Chalk
- SB-2/MW-2 — Soil Exploration Boring / Monitor Well
- Screened Interval
- Static Water Level
- amsl — Above Mean Sea Level

Horizontal Scale: 0 Feet 40

Vertical Scale: 0 Feet 5

SPHERE 3 ENGINEERING, INC

DATE	NO.	REVISION	BY

AIR BASE, INC.
MONTGOMERY, ALABAMA 36116
Client

ALABAMA RISK BASED CORRECTIVE ACTION
QUICK SERVE #38 (UST24-08-05)
4101 TROY HIGHWAY
MONTGOMERY, ALABAMA 36116
Project Title

HYDROGEOLOGIC CROSS SECTIONAL DIAGRAM

Fig. No. 8

SPHERE 3
ENGINEERING, INC

SPHERE 3 ENGINEERING, INC

WATER/ FREE PRODUCT LEVEL DATA

CLIENT: Air Base, Inc.
LOCATION: Quick Serve #38 (UST24-08-05)
4101 Troy Highway
Montgomery, Alabama 36116

Page: 1 of 1
File Number: SC.QS38.01
Event Date: 8/19/2024

Pre - MEME Event	☐	**Sampling Event**	■
Post - MEME Event	☐	**Free Product Recovery**	☐

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	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
Water and Free Product depths were measured and recorded to the nearest 0.01 foot.
Potentiometric Surface Elevation = Water Surface Elevation + 75% of the Free Product Thickness

SPHERE 3 ENGINEERING, INC

WATER/ FREE PRODUCT LEVEL DATA

CLIENT: Air Base, Inc.
LOCATION: Quick Serve #38 (UST24-08-05)
4101 Troy Highway
Montgomery, Alabama 36116

Page: 1 of 1
File Number: SC.QS38.01
Event Date: 9/16/2024

Pre - MEME Event	■	**Sampling Event**	☐
Post - MEME Event	☐	**Free Product Recovery**	☐

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	5.45	NA	236.21	NA	236.21
MW-2	241.79	ND	6.06	NA	235.73	NA	235.73
MW-3	241.92	ND	5.23	NA	236.69	NA	236.69
MW-4	241.43	ND	5.79	NA	235.64	NA	235.64
MW-5	241.41	ND	6.88	NA	234.53	NA	234.53
MW-6	241.67	ND	4.99	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

Notes:
Elevations are referenced to mean sea level
Water and Free Product depths were measured and recorded to the nearest 0.01 foot.
Potentiometric Surface Elevation = Water Surface Elevation + 75% of the Free Product Thickness

SPHERE 3 ENGINEERING, INC

WATER/ FREE PRODUCT LEVEL DATA

CLIENT: Air Base, Inc.
LOCATION: Quick Serve #38 (UST24-08-05)
4101 Troy Highway
Montgomery, Alabama 36116

Page: 1 of 1
File Number: SC.QS38.01
Event Date: 9/19/2024

Pre - MEME Event	☐	**Sampling Event**	☐
Post - MEME Event	■	**Free Product Recovery**	☐

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	5.51	NA	236.15	NA	236.15
MW-2	241.79	ND	6.11	NA	235.68	NA	235.68
MW-3	241.92	ND	5.34	NA	236.58	NA	236.58
MW-4	241.43	ND	6.29	NA	235.14	NA	235.14
MW-5	241.41	ND	6.87	NA	234.54	NA	234.54
MW-6	241.67	ND	5.84	NA	235.83	NA	235.83
CW-1	242.42	Dry					
CW-2	241.39	Dry					
CW-3	241.57	Dry					

Notes:
Elevations are referenced to mean sea level
Water and Free Product depths were measured and recorded to the nearest 0.01 foot.
Potentiometric Surface Elevation = Water Surface Elevation + 75% of the Free Product Thickness

SPHERE 3 ENGINEERING, INC

WATER/ FREE PRODUCT LEVEL DATA

CLIENT: Air Base, Inc.
LOCATION: Quick Serve #38 (UST24-08-05)
4101 Troy Highway
Montgomery, Alabama 36116

Page: 1 of 1
File Number: SC.QS38.06
Event Date: 11/13/2024

Pre - MEME Event	■	**Sampling Event**	☐
Post - MEME Event	☐	**Free Product Recovery**	☐

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	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

Notes:
Elevations are referenced to mean sea level
Water and Free Product depths were measured and recorded to the nearest 0.01 foot.
Potentiometric Surface Elevation = Water Surface Elevation + 75% of the Free Product Thickness

SPHERE 3 ENGINEERING, INC

WATER/ FREE PRODUCT LEVEL DATA

CLIENT: Air Base, Inc.
LOCATION: Quick Serve #38 (UST24-08-05)
4101 Troy Highway
Montgomery, Alabama 36116

Page: 1 of 1
File Number: SC.QS38.06
Event Date: 11/13/2024

Pre - MEME Event	☐	**Sampling Event**	☐
Post - MEME Event	■	**Free Product Recovery**	☐

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	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

Notes:
Elevations are referenced to mean sea level
Water and Free Product depths were measured and recorded to the nearest 0.01 foot.
Potentiometric Surface Elevation = Water Surface Elevation + 75% of the Free Product Thickness

SPHERE 3 ENGINEERING, INC

WATER/ FREE PRODUCT LEVEL DATA

CLIENT: Air Base, Inc.
LOCATION: Quick Serve #38 (UST24-08-05)
4101 Troy Highway
Montgomery, Alabama 36116

Page: 1 of 1
File Number: SC.QS38.03
Event Date: 12/13/2024

Pre - MEME Event	☐	**Sampling Event**	■
Post - MEME Event	☐	**Free Product Recovery**	☐

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	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 Gauged					
CW-2	241.39	Not Gauged					
CW-3	241.57	Not Gauged					

Notes:
Elevations are referenced to mean sea level
Water and Free Product depths were measured and recorded to the nearest 0.01 foot.
Potentiometric Surface Elevation = Water Surface Elevation + 75% of the Free Product Thickness

SPHERE 3 ENGINEERING, INC

WATER/ FREE PRODUCT LEVEL DATA

CLIENT: Air Base, Inc.
LOCATION: Quick Serve #38 (UST24-08-05)
4101 Troy Highway
Montgomery, Alabama 36116

Page: 1 of 1
File Number: SC.QS38.06
Event Date: 1/3/2025

Pre - MEME Event	■	**Sampling Event**	☐
Post - MEME Event	☐	**Free Product Recovery**	☐

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
Water and Free Product depths were measured and recorded to the nearest 0.01 foot.
Potentiometric Surface Elevation = Water Surface Elevation + 75% of the Free Product Thickness

SPHERE 3 ENGINEERING, INC

WATER/ FREE PRODUCT LEVEL DATA

CLIENT: Air Base, Inc.
LOCATION: Quick Serve #38 (UST24-08-05)
4101 Troy Highway
Montgomery, Alabama 36116

Page: 1 of 1
File Number: SC.QS38.06
Event Date: 1/3/2025

Pre - MEME Event	☐	**Sampling Event**	☐
Post - MEME Event	■	**Free Product Recovery**	☐

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	6.22	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

Notes:
Elevations are referenced to mean sea level
Water and Free Product depths were measured and recorded to the nearest 0.01 foot.
Potentiometric Surface Elevation = Water Surface Elevation + 75% of the Free Product Thickness

SPHERE 3 ENGINEERING, INC

WATER/ FREE PRODUCT LEVEL DATA

CLIENT: Air Base, Inc.
LOCATION: Quick Serve #38 (UST24-08-05)
4101 Troy Highway
Montgomery, Alabama 36116

Page: 1 of 1
File Number: SC.QS38.06
Event Date: 1/30/2025

Pre - MEME Event	■	**Sampling Event**	☐
Post - MEME Event	☐	**Free Product Recovery**	☐

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	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

Notes:
Elevations are referenced to mean sea level
Water and Free Product depths were measured and recorded to the nearest 0.01 foot.
Potentiometric Surface Elevation = Water Surface Elevation + 75% of the Free Product Thickness

SPHERE 3 ENGINEERING, INC

WATER/ FREE PRODUCT LEVEL DATA

CLIENT: Air Base, Inc.
LOCATION: Quick Serve #38 (UST24-08-05)
4101 Troy Highway
Montgomery, Alabama 36116

Page: 1 of 1
File Number: SC.QS38.06
Event Date: 1/30/2025

Pre - MEME Event	☐	**Sampling Event**	☐
Post - MEME Event	■	**Free Product Recovery**	☐

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	6.21	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

Notes:
Elevations are referenced to mean sea level
Water and Free Product depths were measured and recorded to the nearest 0.01 foot.
Potentiometric Surface Elevation = Water Surface Elevation + 75% of the Free Product Thickness

SPHERE 3 ENGINEERING, INC

WATER/ FREE PRODUCT LEVEL DATA

CLIENT: Air Base, Inc.
LOCATION: Quick Serve #38 (UST24-08-05)
4101 Troy Highway
Montgomery, Alabama 36116

Page: 1 of 1
File Number: SC.QS38.07
Event Date: 4/28/2025

Pre - MEME Event	☐	**Sampling Event**	■
Post - MEME Event	☐	**Free Product Recovery**	☐

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	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 Gauged					
CW-2	241.39	Not Gauged					
CW-3	241.57	Not Gauged					

Notes:
Elevations are referenced to mean sea level
Water and Free Product depths were measured and recorded to the nearest 0.01 foot.
Potentiometric Surface Elevation = Water Surface Elevation + 75% of the Free Product Thickness

SPHERE 3
ENGINEERING, INC

Sutherland

Environmental Company, Inc.

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

Client:	Sphere 3 Engineering, Inc.	Report Date:	August 15, 2024
Attention:	Mr. Greg Hoagland	Reference #	52035
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:	Hageman/Heard
Date Collected:	8/7/24	Date of Analysis:	8/12-15/24
Sample Collector:	G. Karstens	Method:	***EPA Method 8260B***

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	LAB ID	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

/ QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety
Analytical Chemist

Quality Environmental Analytical Services

Sutherland Environmental Read and Review Checklist

1. Is the client and the sample collector(s) accurately noted on report?	NO	YES	NO	YES
2. Do all dates match the COC on the report?	NO	YES	NO	YES
3. Is the purchase order ID (PO) and project ID accurately noted on report?	NO	YES	NO	YES
4. Are all methods and method references correct on report?	NO	YES	NO	YES
5. Do the Field ID(s) and the Lab ID(s) correspond to the COC?	NO	YES	NO	YES
6. Is the report formatted correctly?	NO	YES	NO	YES
7. Does the following information on report correspond to the printout information from the analytical instrumentation:				
Sample Matrix	NO	YES	NO	YES
Analyst	NO	YES	NO	YES
Analysis Date/Time	NO	YES	NO	YES
Analyte concentration	NO	YES	NO	YES
Units	NO	YES	NO	YES
Dilution Factors/Conversions	NO	YES	NO	YES
Detection/Reporting/Quant. Limits	NO	YES	NO	YES
QC Reviewed:		YES		YES
***Initial*:**	MJH		KH	

* MJH = Michael Heard, KD = Kevin Doriety, MSH = Matt Hageman, KH = Kelly Hester

PDF / Notes: sphere 3

Invoice 52035

Sutherland Environmental Co., Inc.

Sutherland Environmental Company Inc.

Sample Check-in Form

Date Received: 8/9/24 **Invoice #** 52035

Method of Delivery: Hand **Client:** Sphere 3

1. Did any containers arrive broken?	YES	~~NO~~	
* If so, please state field ID with analysis of broken sample(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?	~~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?	~~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 custody?	~~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 check-in?	YES	NO	~~NA~~
12. Were any samples rejected?	YES	~~NO~~	
* If so, please state field ID of rejected sample(s):			

Sample Custodian (signed): _____

#52035

SUTHERLAND ENVIRONMENTAL COMPANY, INC.
2515 5th Avenue South
Birmingham, AL 35233
Phone: 205 581 9500
Fax: 205 581 9504

SPHERE 3
ENGINEERING, 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 **Fax No.:** (205) 403.3318
Sampler Name: (Print) KAZIM
Sampler Signature:

Page #: Page 1 of 2
Invoice To: SPHERE 3 Engineering, Inc.
Report To: greg@sphere3.com; jon@sphere3.com, mail original
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

Sample ID or Field ID	LAB ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify): WATER	Analyze For: BTEX/MTBE 8260B	NAPHTHALENE 8260B	TEMPERATURE	RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	.PDF Results (yes or no)	Due Date of Report
SB-1 (1) 5'	258120	8/7/24	1155	1	X										X					X		X	X			N	Y	
SB-1 (2) 12'	258121	8/7/24	1212	1	X										X					X		X	X			N	Y	
SB-2 (2) 4'	258122	8/7/24	1230	1	X										X					X		X	X			N	Y	
SB-2 (2) 8'	258123	8/7/24	1242	1	X										X					X		X	X			N	Y	
SB-3 (2) 6'	258124	8/7/24	1358	1	X										X					X		X	X			N	Y	
SB-3 (2) 10'	258125	8/7/24	1410	1	X										X					X		X	X			N	Y	
SB-4 (2) 6'	258126	8/7/24	1446	1	X										X					X		X	X			N	Y	
SB-4 (2) 10'	258127	8/7/24	1505	1	X										X					X		X	X			N	Y	
SB-5 (2) 5'	258128	8/7/24	1605	1	X										X					X		X	X			N	Y	
SB-5 (2) 10'	258129	8/7/24	1618	1	X										X					X		X	X			N	Y	

Comments/Special Instructions:

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? (Y) N
VOCs Free of Headspace? Y N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please pre-schedule w/ SUTHERLAND Project Manager or attach specifc instructions

Relinquished by:	Date	Time	Received by:	Date	Time
	8/9/24	2:45		8/9/24	1445
Relinquished by:	Date	Time	Received by:	Date	Time

#52035

SUTHERLAND ENVIRONMENTAL COMPANY, INC.
2515 5th Avenue South
Birmingham, AL 35233
Phone: 205 581 9500
Fax: 205 581 9504

SPHERE 3 ENGINEERING, 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 **Fax No.:** (205) 403.3318
Sampler Name: (Print) [signature]
Sampler Signature: [signature]

Page #: Page 2 of 2
Invoice To: SPHERE 3 Engineering, Inc.
Report To: greg@sphere3.com; jon@sphere3.com, mail original
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

Sample ID or Field ID	LAB ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify): WATER	Analyze For: BTEX/MTBE 8260B	NAPHTHALENE 8260B	TEMPERATURE	RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	.PDF Results (yes or no)	Due Date of Report
SB-6 @ 5'	258130	8/7/24	1030	1	X										X					X		X	X			N	Y	
SB-6 @ 8'	258131	8/7/24	1042	1	X										X					X		X	X			N	Y	
TEMPERATURE BLANK				1											X						X			X		N	Y	

Comments/Special Instructions:

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? (Y) N
VOCs Free of Headspace? Y N

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8/9/24	2:45	[signature]	8/9/24	1445
Relinquished by:	Date	Time	Received by:	Date	Time

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes please pre-schedule w/ SUTHERLAND Project Manager or attach specifc instructions

Sutherland

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

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

MH / QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety

Kevin Doriety
Analytical Chemist

Sutherland

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	TPH, PPM	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

Kevin Doriety
Analytical Chemist

Sutherland Environmental Read and Review Checklist

1. Is the client and the sample collector(s) accurately noted on report?	NO	YES	NO	YES
2. Do all dates match the COC on the report?	NO	YES	NO	YES
3. Is the purchase order ID (PO) and project ID accurately noted on report?	NO	YES	NO	YES
4. Are all methods and method references correct on report?	NO	YES	NO	YES
5. Do the Field ID(s) and the Lab ID(s) correspond to the COC?	NO	YES	NO	YES
6. Is the report formatted correctly?	NO	YES	NO	YES
7. Does the following information on report correspond to the printout information from the analytical instrumentation:				
Sample Matrix	NO	YES	NO	YES
Analyst	NO	YES	NO	YES
Analysis Date/Time	NO	YES	NO	YES
Analyte concentration	NO	YES	NO	YES
Units	NO	YES	NO	YES
Dilution Factors/Conversions	NO	YES	NO	YES
Detection/Reporting/Quant. Limits	NO	YES	NO	YES
QC Reviewed:		YES		YES
***Initial*:**	KH		MSH	

* MJH = Michael Heard, KD = Kevin Doriety, MSH = Matt Hageman, KH = Kelly Hester

PDF / Notes: Sphere 3

Invoice 52036

Sutherland Environmental Co., Inc.

Sutherland Environmental Company Inc.

Sample Check-in Form

Date Received: 8/9/24 **Invoice #** 52036

Method of Delivery: Hand **Client:** Sphere 3

1. Did any containers arrive broken?	YES	~~NO~~	
* If so, please state field ID with analysis of broken sample(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?	~~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?	~~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 custody?	~~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 check-in?	YES	NO	~~NA~~
12. Were any samples rejected?	YES	~~NO~~	
* If so, please state field ID of rejected sample(s): _____			

Sample Custodian (signed): _____

SUTHERLAND ENVIRONMENTAL COMPANY, INC.

2515 5th Avenue South
Birmingham, AL 35233

Phone: 205 581 9500
Fax: 205 581 9504

#52036

SPHERE 3
ENGINEERING, 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 **Fax No.:** (205) 403.3318
Sampler Name: (Print)
Sampler Signature:

Page #: Page 1 of 1
Invoice To: SPHERE 3 Engineering, Inc.
Report To: greg@sphere3.com; jon@sphere3.com, mail original
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

Sample ID or Field ID	LAB ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify): WATER	Analyze For: TOTAL LEAD 6020B	TPH 418.1	TEMPERATURE	RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	.PDF Results (yes or no)	Due Date of Report
SOIL COMP-1	258132	8/9/24	1100	1		X									X					X		X	X			N	Y	
TEMPERATURE BLANK															X						X			X		N	Y	

Comments/Special Instructions:

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? (Y) N
VOCs Free of Headspace? Y N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please pre-schedule w/ SUTHERLAND Project Manager or attach specifc instructions

Relinquished by:	Date	Time	Received by:	Date	Time
	8/9/24	2:45		8/9/24	1445
Relinquished by:	Date	Time	Received by:	Date	Time

Sutherland

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***

VOLATILE ORGANICS - BTEX/MTBE/NAPHTHALENE

	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

	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

Sutherland

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***

VOLATILE ORGANICS - BTEX/MTBE/NAPHTHALENE

	FIELD ID	FIELD ID					
	SB-13 @ 5'	SB-13 @ 10'					
Volatile Organic, ppm	LAB ID	LAB ID					Detection Limit, ppm
	261056	261057					
Benzene	BDL	BDL					0.005
Toluene	BDL	BDL					0.005
Ethylbenzene	BDL	BDL					0.005
Xylenes, o,m,p	BDL	BDL					0.015
MTBE	BDL	BDL					0.005
Naphthalene	BDL	**0.353**					0.025

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

MH / QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety
Analytical Chemist

Sutherland Environmental Read and Review Checklist

1. Is the client and the sample collector(s) accurately noted on report?	NO	YES	NO	YES
2. Do all dates match the COC on the report?	NO	YES	NO	YES
3. Is the purchase order ID (PO) and project ID accurately noted on report?	NO	YES	NO	YES
4. Are all methods and method references correct on report?	NO	YES	NO	YES
5. Do the Field ID(s) and the Lab ID(s) correspond to the COC?	NO	YES	NO	YES
6. Is the report formatted correctly?	NO	YES	NO	YES
7. Does the following information on report correspond to the printout information from the analytical instrumentation:				
Sample Matrix	NO	YES	NO	YES
Analyst	NO	YES	NO	YES
Analysis Date/Time	NO	YES	NO	YES
Analyte concentration	NO	YES	NO	YES
Units	NO	YES	NO	YES
Dilution Factors/Conversions	NO	YES	NO	YES
Detection/Reporting/Quant. Limits	NO	YES	NO	YES
QC Reviewed:		YES		YES
***Initial*:**	MJH		KH	

* MJH = Michael Heard, KD = Kevin Doriety, MSH = Matt Hageman, KH = Kelly Hester

PDF / Notes: Sphere 3

Invoice 52694

Sutherland Environmental Co., Inc.

Sutherland Environmental Company Inc.

Sample Check-in Form

Date Received: 11/18/24 **Invoice #** 52694

Method of Delivery: Hand **Client:** Sphere 3

1. Did any containers arrive broken?	YES	~~NO~~	
* If so, please state field ID with analysis of broken sample(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?	~~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?	~~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 custody?	~~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 check-in?	YES	NO	~~NA~~
12. Were any samples rejected?	YES	~~NO~~	
* If so, please state field ID of rejected sample(s): _____			

Sample Custodian (signed): _____

SUTHERLAND ENVIRONMENTAL COMPANY, INC.
2515 5th Avenue South
Birmingham, AL 35233
Phone: 205 581 9500
Fax: 205 581 9504

52694

SPHERE 3 ENGINEERING, INC

Consultant Name: SPHERE 3 Engineering, Inc.
Address: 3433 Sierra Drive
City/State/Zip: Hoover, Alabama 35216
Client: Air Base, Inc.
Consultant Project Mgr: Greg Hoagland
Consultant Telephone Number: (205) 403.3317 **Fax No.:** (205) 403.3318
Sampler Name: (Print) KARSTENS
Sampler Signature: K Karstens

Page #: Page 1 of 2
Invoice To: SPHERE 3 Engineering, Inc.
Report To: greg@sphere3.com; jon@sphere3.com, mail original
Project #: SC.QS38.03
UST Incident No.: UST24-08-05
Facility ID #: Quick Serve #38
Site Address: 4101 Troy Highway
City, County, State: Montgomery, Montgomery County, AL

Sample ID or Field ID	LAB ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify): WATER	Analyze For: BTEX/MTBE 8260B	NAPHTHALENE 8260B	TEMPERATURE	RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	.PDF Results (yes or no)	Due Date of Report
SB-7 @ 5'	261044	11/14/24	1120	1	X										X					X		X	X			N	Y	
SB-7 @ 10'	261045	11/14/24	1214	1	X										X					X		X	X			N	Y	
SB-8 @ 5'	261046	11/14/24	1340	1	X										X					X		X	X			N	Y	
SB-8 @ 10'	261047	11/14/24	1358	1	X										X					X		X	X			N	Y	
SB-9 @ 5'	261048	11/14/24	1005	1	X										X					X		X	X			N	Y	
SB-9 @ 10'	261049	11/14/24	1020	1	X										X					X		X	X			N	Y	
SB-10 @ 5'	261050	11/14/24	0830	1	X										X					X		X	X			N	Y	
SB-10 @ 10'	261051	11/14/24	0845	1	X										X					X		X	X			N	Y	
SB-11 @ 5'	261052	11/13/24	1528	1	X										X					X		X	X			N	Y	
SB-11 @ 10'	261053	11/13/24	1540	1	X										X					X		X	X			N	Y	

Comments/Special Instructions:

Laboratory Comments:
Temperature Upon Receipt: 4.0°C
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

Relinquished by:	Date	Time	Received by:	Date	Time
K Karstens	11/18/24	9:34			
Relinquished by:	Date	Time	Received by:	Date	Time
				11/18/24	0934

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please pre-schedule w/ SUTHERLAND Project Manager or attach specifc instructions

SUTHERLAND ENVIRONMENTAL COMPANY, INC.

2515 5th Avenue South
Birmingham, AL 35233

Phone: 205 581 9500
Fax: 205 581 9504

#52694

SPHERE 3 ENGINEERING, INC

Consultant Name: SPHERE 3 Engineering, Inc.
Address: 3433 Sierra Drive
City/State/Zip: Hoover, Alabama 35216
Client: Air Base, Inc.
Consultant Project Mgr: Greg Hoagland
Consultant Telephone Number: (205) 403.3317 **Fax No.:** (205) 403.3318
Sampler Name: (Print) KRISTEN
Sampler Signature: K Karsten

Page #: Page 2 of 2
Invoice To: SPHERE 3 Engineering, Inc.
Report To: greg@sphere3.com; jon@sphere3.com, mail original
Project #: SC.QS38.03
UST Incident No.: UST24-08-05
Facility ID #: Quick Serve #38
Site Address: 4101 Troy Highway
City, County, State: Montgomery, Montgomery County, AL

Sample ID or Field ID	LAB ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify): WATER	Analyze For: BTEX/MTBE 8260B	NAPHTHALENE 8260B	TEMPERATURE	RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	.PDF Results (yes or no)	Due Date of Report
SB-12 (2) 5'	261054	11/13/24	1440	1	X										X					X		X	X			N	Y	
SB-12 (2) 10'	261055	11/13/24	1452	1	X										X					X		X	X			N	Y	
SB-13 (2) 5'	261056	11/13/24	1230	1	X										X					X		X	X			N	Y	
SB-13 (2) 10'	261057	11/13/24	1250	1	X										X					X		X	X			N	Y	
TEMPERATURE BLANK				1											X						X			X		N	Y	

Comments/Special Instructions:

Laboratory Comments:
Temperature Upon Receipt: 4.0°C
Sample Containers Intact? Ø N
VOCs Free of Headspace? Ø N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please pre-schedule w/ SUTHERLAND Project Manager or attach specifc instructions

Relinquished by:	Date	Time	Received by:	Date	Time
K Karsten	11/18/24	9:34			
Relinquished by:	Date	Time	Received by:	Date	Time
				11/18/24	0934

Sutherland

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***

METALLIC ANALYTES

	FIELD ID						
	SOIL COMP-1						
Analyte, mg/Kg as Total	LAB ID						Detection Limit, mg/Kg
	261058						
Lead	9.9						1.0

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

MH / QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety
Analytical Chemist

Sutherland Environmental Read and Review Checklist

1. Is the client and the sample collector(s) accurately noted on report?	NO	YES	NO	YES
2. Do all dates match the COC on the report?	NO	YES	NO	YES
3. Is the purchase order ID (PO) and project ID accurately noted on report?	NO	YES	NO	YES
4. Are all methods and method references correct on report?	NO	YES	NO	YES
5. Do the Field ID(s) and the Lab ID(s) correspond to the COC?	NO	YES	NO	YES
6. Is the report formatted correctly?	NO	YES	NO	YES
7. Does the following information on report correspond to the printout information from the analytical instrumentation:				
Sample Matrix	NO	YES	NO	YES
Analyst	NO	YES	NO	YES
Analysis Date/Time	NO	YES	NO	YES
Analyte concentration	NO	YES	NO	YES
Units	NO	YES	NO	YES
Dilution Factors/Conversions	NO	YES	NO	YES
Detection/Reporting/Quant. Limits	NO	YES	NO	YES
QC Reviewed:		YES		YES
***Initial*:**		MJH		KD

* MJH = Michael Heard, KD = Kevin Doriety, MSH = Matt Hageman, KH = Kelly Hester

PDF / Notes: Sphere 3

Invoice 52695

Sutherland Environmental Co., Inc.

Sutherland Environmental Company Inc.

Sample Check-in Form

Date Received: 11/18/24 **Invoice #** 52695

Method of Delivery: Hand **Client:** Sphere 3

1. Did any containers arrive broken?	YES	~~NO~~	
* If so, please state field ID with analysis of broken sample(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?	~~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?	~~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 custody?	~~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 check-in?	YES	NO	~~NA~~
12. Were any samples rejected?	YES	~~NO~~	
* If so, please state field ID of rejected sample(s):			

Sample Custodian (signed): [signature]

#52695

SUTHERLAND ENVIRONMENTAL COMPANY, INC.
2515 5th Avenue South
Birmingham, AL 35233
Phone: 205 581 9500
Fax: 205 581 9504

SPHERE 3
ENGINEERING, INC

Consultant Name: SPHERE 3 Engineering, Inc.
Address: 3433 Sierra Drive
City/State/Zip: Hoover, Alabama 35216
Client: Air Base, Inc.
Consultant Project Mgr: Greg Hoagland
Consultant Telephone Number: (205) 403.3317 **Fax No.:** (205) 403.3318
Sampler Name: (Print) KARSTENS
Sampler Signature: K Karstens

Page #: Page 1 of 1
Invoice To: SPHERE 3 Engineering, Inc.
Report To: greg@sphere3.com; jon@sphere3.com, mail original
Project #: SC.QS38.03
UST Incident No.: UST24-08-05
Facility ID #: Quick Serve #38
Site Address: 4101 Troy Highway
City, County, State: Montgomery, Montgomery County, AL

Sample ID or Field ID	LAB ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify): WATER	Analyze For: TOTAL LEAD 6020B	TEMPERATURE	RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	.PDF Results (yes or no)	Due Date of Report
SOIL COMP-1	261058	11/14/24	1600	1		X									X					X		X			N	Y	
TEMPERATURE BLANK		—	—												X						X		X		N	Y	

Comments/Special Instructions:

Laboratory Comments:
Temperature Upon Receipt: 4.0°C
Sample Containers Intact? Ø N
VOCs Free of Headspace? Ø N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please pre-schedule w/ SUTHERLAND Project Manager or attach specifc instructions

Relinquished by:	Date	Time	Received by:	Date	Time
K Karstens	11/18/24	9:34			
Relinquished by:	Date	Time	Received by:	Date	Time
			M 9.XD	11/18/24	0934

Sutherland

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

Field ID	Lab ID	Gravimetric Moisture Content g-water/ g-soil (1)	Volumetric Moisture Content cc-water/ cc-soil (1a)	Dry Bulk Density pcf (2)	Dry Bulk Density g/cc (2)	Specific Gravity @ 20° C (3)	Porosity cc /cc-soil (4)	Fractional Organic Matter Content g-ash/ g-soil (5)	Fractional Organic Carbon Content g-carbon/ g-soil (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)

MS / QAQC

EPA Laboratory ID AL01084
ADEM #41470

Respectfully submitted,

Kevin Doriety
Analytical Chemist

Sutherland Environmental Read and Review Checklist

1. Is the client and the sample collector(s) accurately noted on report?	NO	YES	NO	YES
2. Do all dates match the COC on the report?	NO	YES	NO	YES
3. Is the purchase order ID (PO) and project ID accurately noted on report?	NO	YES	NO	YES
4. Are all methods and method references correct on report?	NO	YES	NO	YES
5. Do the Field ID(s) and the Lab ID(s) correspond to the COC?	NO	YES	NO	YES
6. Is the report formatted correctly?	NO	YES	NO	YES
7. Does the following information on report correspond to the printout information from the analytical instrumentation:				
Sample Matrix	NO	YES	NO	YES
Analyst	NO	YES	NO	YES
Analysis Date/Time	NO	YES	NO	YES
Analyte concentration	NO	YES	NO	YES
Units	NO	YES	NO	YES
Dilution Factors/Conversions	NO	YES	NO	YES
Detection/Reporting/Quant. Limits	NO	YES	NO	YES
QC Reviewed:		YES		YES
***Initial*:**		MJH		KD

* MJH = Michael Heard, KD = Kevin Doriety, MSH = Matt Hageman, KH = Kelly Hester

PDF / Notes: Sphere 3

Invoice 52897

Sutherland Environmental Co., Inc.

Sutherland Environmental Company Inc.

Sample Check-in Form

Date Received: 12/12/24 **Invoice #** 52897

Method of Delivery: hand **Client:** Sphere 3

1. Did any containers arrive broken?		✓ NO	
* If so, please state field ID with analysis of broken sample(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?	✓ 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?	✓ 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 custody?	✓ 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 check-in?	YES	NO	✓ NA
12. Were any samples rejected?	YES	✓ NO	
* If so, please state field ID of rejected sample(s):			

Sample Custodian (signed): M. W.

52897

SUTHERLAND ENVIRONMENTAL COMPANY, INC.
2515 5th Avenue South
Birmingham, AL 35233
Phone: 205 581 9500
Fax: 205 581 9504

SPHERE 3
ENGINEERING, INC

Consultant Name: SPHERE 3 Engineering, Inc.
Address: 3433 Sierra Drive
City/State/Zip: Hoover, Alabama 35216
Client: Air Base, Inc.
Consultant Project Mgr: Greg Hoagland
Consultant Telephone Number: (205) 403.3317 **Fax No.:** (205) 403.3318
Sampler Name: (Print) KURSTENS
Sampler Signature: Greg Kaarsten

Page #: Page 1 of 1
Invoice To: SPHERE 3 Engineering, Inc.
Report To: greg@sphere3.com/jon@sphere3.com/mail original
Project #: SC.QS38.03
UST Incident No.: UST24-08-05
Facility ID #: Quick Serve #38
Site Address: 4101 Troy Highway
City, County, State: Montgomery, Montgomery County, AL

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify): WATER	Analyze For: Gravimetric Moisture Content	Volumetric Moisture Content	Dry Bulk Density (pcf)	Dry Bulk Density (g/cc)	Specific Gravity @ 20 C	Porosity	Fractional Organic Matter Content	Fractional Organic Carbon Content				RUSH TAT (Pre-Schedule) TAT request (in Bus. Days)	.PDF Results (yes or no)	Due Date of Report
SHELBY TUBE ST-1	12/11/24	1135	1	X										X					X		X	X	X	X	X	X	X	X					N	Y	
261920																																			

Comments/Special Instructions:

Laboratory Comments:
Temperature Upon Receipt: ROOM
Sample Containers Intact? (Y) N
VOCs Free of Headspace? Y N N/A
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please pre-schedule w/ SUTHERLAND Project Manager or attach specific instructions

Relinquished by:	Date	Time	Received by:	Date	Time
Greg Kaarsten	12/12/2024	1235			
Relinquished by:	Date	Time	Received by:	Date	Time
			MM. MJ.	12/12	1235

SPHERE 3
ENGINEERING, INC

Sutherland

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:	water	Analytical	
Date Received:	8/22/24	Analyst:	Hageman/Heard
Date Collected:	8/19/24	Date of Analysis:	8/25-27/24
Sample Collector:	T. Bond/J. Johnson	Method:	***EPA Method 8260B***

VOLATILE ORGANICS - BTEX/MTBE/NAPHTHALENE

	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						
Volatile	LAB ID						Detection
Organic, mg/L	258576						Limit, ppm
Benzene	**3.240**						0.001
Toluene	**10.300**						0.001
Ethylbenzene	**1.650**						0.001
Xylenes, o,m,p	**9.250**						0.003
MTBE	**0.269**						0.001
Naphthalene	**0.312**						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

MT / QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety
Analytical Chemist

Sutherland Environmental Read and Review Checklist

1. Is the client and the sample collector(s) accurately noted on report?	NO	YES	NO	YES
2. Do all dates match the COC on the report?	NO	YES	NO	YES
3. Is the purchase order ID (PO) and project ID accurately noted on report?	NO	YES	NO	YES
4. Are all methods and method references correct on report?	NO	YES	NO	YES
5. Do the Field ID(s) and the Lab ID(s) correspond to the COC?	NO	YES	NO	YES
6. Is the report formatted correctly?	NO	YES	NO	YES
7. Does the following information on report correspond to the printout information from the analytical instrumentation:				
Sample Matrix	NO	YES	NO	YES
Analyst	NO	YES	NO	YES
Analysis Date/Time	NO	YES	NO	YES
Analyte concentration	NO	YES	NO	YES
Units	NO	YES	NO	YES
Dilution Factors/Conversions	NO	YES	NO	YES
Detection/Reporting/Quant. Limits	NO	YES	NO	YES
QC Reviewed:		YES		YES
***Initial*:**		MJH		KD

* MJH = Michael Heard, KD = Kevin Doriety, MSH = Matt Hageman, KH = Kelly Hester

PDF / Notes: Sphere 3

Invoice 52122

Sutherland Environmental Co., Inc.

Sutherland Environmental Company Inc.

Sample Check-in Form

Date Received: 8/22/24 **Invoice #** 52122

Method of Delivery: hand **Client:** sphere 3

1. Did any containers arrive broken?	YES	✓NO	
* If so, please state field ID with analysis of broken sample(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?	✓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?	✓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 custody?	✓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 check-in?	YES	NO	✓NA
12. Were any samples rejected?	YES	NO✓	
* If so, please state field ID of rejected sample(s): _____			

Sample Custodian (signed): M.W.

SUTHERLAND ENVIRONMENTAL COMPANY, INC.
2515 5th Avenue South
Birmingham, AL 35233
Phone: 205 581 9500
Fax: 205 581 9504

52122

SPHERE 3 ENGINEERING, 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 **Fax No.:** (205) 403.3318
Sampler Name: (Print) Tres Bond, Jimmy Johnson
Sampler Signature:

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

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify): WATER	Analyze For: BTEX/MTBE/ NAPHTHALENE 8260B	TEMPERATURE	RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	PDF Results (yes or no)	Due Date of Report
MW-1 258570	8/19/2024	11:32	3	X					3						X						3			N	Y	
MW-2 258571	8/19/2024	11:53	3	X					3						X						3			N	Y	
MW-3 258572	8/19/2024	12:15	3	X					3						X						3			N	Y	
MW-4 258573	8/19/2024	12:46	3	X					3						X						3			N	Y	
MW-5 258574	8/19/2024	13:09	3	X					3						X						3			N	Y	
MW-6 258575	8/19/2024	13:23	3	X					3						X						3			N	Y	
DUP-1 258576	8/19/2024		3	X					3						X						3			N	Y	
TEMPERATURE BLANK			1											1						X		1				

Comments/Special Instructions:

Laboratory Comments:
Temperature Upon Receipt: 1.2
Sample Containers Intact? (Y) N
VOCs Free of Headspace? (Y) N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific if yes, please pre-schedule w/ SUTHERLAND Project Manager or attach specifc instructions

Relinquished by:	Date	Time	Received by:	Date	Time
	5/22/24	5:50			
Relinquished by:	Date	Time	Received by:	Date	Time
			M.W.	8/22	8:50

Sutherland

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:	water	Analytical	
Date Received:	12/17/24	Analyst:	Hageman/Heard
Date Collected:	12/13/24	Date of Analysis:	12/20-23/24
Sample Collector:	T. Bond/J. Johnson	Method:	***EPA Method 8260B***

VOLATILE ORGANICS - BTEX/MTBE/NAPHTHALENE

	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	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

	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	
Volatile	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	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

Sutherland

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:	water	Analytical	
Date Received:	12/17/24	Analyst:	Hageman/Heard
Date Collected:	12/13/24	Date of Analysis:	12/20/24
Sample Collector:	T. Bond/J. Johnson	Method:	***EPA Method 8260B***

VOLATILE ORGANICS - BTEX/MTBE/NAPHTHALENE

	FIELD ID	FIELD ID					
	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					0.001
Ethylbenzene	**0.011**	BDL					0.001
Xylenes, o,m,p	BDL	BDL					0.003
MTBE	**0.006**	**0.008**					0.001
Naphthalene	**0.118**	BDL					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

MH / QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety
Analytical Chemist

Sutherland Environmental Read and Review Checklist

1. Is the client and the sample collector(s) accurately noted on report?	NO	YES	NO	YES
2. Do all dates match the COC on the report?	NO	YES	NO	YES
3. Is the purchase order ID (PO) and project ID accurately noted on report?	NO	YES	NO	YES
4. Are all methods and method references correct on report?	NO	YES	NO	YES
5. Do the Field ID(s) and the Lab ID(s) correspond to the COC?	NO	YES	NO	YES
6. Is the report formatted correctly?	NO	YES	NO	YES
7. Does the following information on report correspond to the printout information from the analytical instrumentation:				
Sample Matrix	NO	YES	NO	YES
Analyst	NO	YES	NO	YES
Analysis Date/Time	NO	YES	NO	YES
Analyte concentration	NO	YES	NO	YES
Units	NO	YES	NO	YES
Dilution Factors/Conversions	NO	YES	NO	YES
Detection/Reporting/Quant. Limits	NO	YES	NO	YES
QC Reviewed:		YES		YES
***Initial*:**	MJH			

* MJH = Michael Heard, KD = Kevin Doriety, MSH = Matt Hageman, KH = Kelly Hester

PDF / Notes: Sphere 3

Invoice 52930

Sutherland Environmental Co., Inc.

Sutherland Environmental Company Inc.

Sample Check-in Form

Date Received: 12/17/24 **Invoice #** 52930

Method of Delivery: hand **Client:** Sphere 3

1. Did any containers arrive broken?	YES	✓ NO	
* If so, please state field ID with analysis of broken sample(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?	✓ 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?	✓ 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 custody?	✓ 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 check-in?	YES	NO	✓ NA
12. Were any samples rejected?	YES	✓ NO	
* If so, please state field ID of rejected sample(s): _____			

Sample Custodian (signed): M. W.

SUTHERLAND ENVIRONMENTAL COMPANY, INC.
2515 5th Avenue South
Birmingham, AL 35233
Phone: 205 581 9500
Fax: 205 581 9504

52930

SPHERE 3 ENGINEERING, 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 **Fax No.:** (205) 403.3318
Sampler Name: (Print) Tres Bond, Jimmy Johnson
Sampler Signature:

Page #: Page 1 of 2
Invoice To: SPHERE 3 Engineering, Inc.
Report To: greg; jon; karen@sphere3.com
Project #: SC.QS38.03
UST Incident No.: UST24-08-05
Facility ID #: Quick Serve #38
Site Address: 4101 Troy Highway
City, County, State: Montgomery, Alabama

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify): WATER	Analyze For: BTEX/MTBE/ NAPHTHALENE 8260B	TEMPERATURE	RUSH TAT (Pre-Schedule)	TAT request (In Bus. Days)	PDF Results (yes or no)	Due Date of Report
MW-1 262087	12/13/2024	12:08	3	X					3						X						3			N	Y	
MW-2 262088	12/13/2024	11:53	3	X					3						X						3			N	Y	
MW-3 262089	12/13/2024	11:27	3	X					3						X						3			N	Y	
MW-4 262090	12/13/2024	14:39	3	X					3						X						3			N	Y	
MW-5 262091	12/13/2024	16:29	3	X					3						X						3			N	Y	
MW-6 262092	12/13/2024	15:25	3	X					3						X						3			N	Y	
MW-7 262093	12/13/2024	13:31	3	X					3						X						3			N	Y	
MW-8 262094	12/13/2024	14:56	2	X					3						X						3			N	Y	
MW-9 262095	12/13/2024	15:42	3	X					3						X						3			N	Y	
MW-10 262096	12/13/2024	16:18	3	X					3						X						3			N	Y	

Comments/Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
	12/17/24	13:17			
Relinquished by:	Date	Time	Received by:	Date	Time
			M. W.	12/17	1317

Laboratory Comments:
Temperature Upon Receipt: 1.2
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please pre-schedule w/ SUTHERLAND Project Manager or attach specifc instructions

SUTHERLAND ENVIRONMENTAL COMPANY, INC.
2515 5th Avenue South
Birmingham, AL 35233
Phone: 205 581 9500
Fax: 205 581 9504

52930

SPHERE 3 ENGINEERING, 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 **Fax No.:** (205) 403.3318
Sampler Name: (Print) Tres Bond, Jimmy Johnson
Sampler Signature:

Page #: Page 2 of 2
Invoice To: SPHERE 3 Engineering, Inc.
Report To: greg; jon; karen@sphere3.com
Project #: SC.QS38.03
UST Incident No.: UST24-08-05
Facility ID #: Quick Serve #38
Site Address: 4101 Troy Highway
City, County, State: Montgomery, Alabama

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify): WATER	Analyze For: BTEX/MTBE/ NAPHTHALENE 8260B	TEMPERATURE	RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	PDF Results (yes or no)	Due Date of Report
MW-11 262097	12/13/2024	12:34	3	X					3						X						3			N	Y	
MW-12 262098	12/13/2024	12:43	3	X					3						X						3			N	Y	
MW-13 262099	12/13/2024	13:22	3	X					3						X						3			N	Y	
DUP-1 262100	12/13/2024		3	X					3						X						3			N	Y	
TEMPERATURE BLANK			1											1						X		1				

Comments/Special Instructions:

Laboratory Comments:
Temperature Upon Receipt: 1.2
Sample Containers Intact? (Y) N
VOCs Free of Headspace? (Y) N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please pre-schedule w/ SUTHERLAND Project Manager or attach specifc instructions

Relinquished by:	Date	Time	Received by:	Date	Time
	12/17/24	13:17			
Relinquished by:	Date	Time	Received by:	Date	Time
			M. M.	12/17	1317

Sutherland

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:	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	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	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	FIELD ID	FIELD ID	FIELD ID	FIELD ID	FIELD ID	
	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	
Volatile	LAB ID	LAB ID	LAB ID	LAB ID	LAB ID	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

Sutherland

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:	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					
	MW-13	DUP-1					
Volatile	LAB ID	LAB ID					Detection
Organic, mg/L	265787	265788					Limit, ppm
Benzene	**0.002**	**0.003**					0.001
Toluene	BDL	BDL					0.001
Ethylbenzene	**0.002**	**0.003**					0.001
Xylenes, o,m,p	BDL	BDL					0.003
MTBE	**0.006**	**0.006**					0.001
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

1. Is the client and the sample collector(s) accurately noted on report?	NO	YES	NO	YES
2. Do all dates match the COC on the report?	NO	YES	NO	YES
3. Is the purchase order ID (PO) and project ID accurately noted on report?	NO	YES	NO	YES
4. Are all methods and method references correct on report?	NO	YES	NO	YES
5. Do the Field ID(s) and the Lab ID(s) correspond to the COC?	NO	YES	NO	YES
6. Is the report formatted correctly?	NO	YES	NO	YES
7. Does the following information on report correspond to the printout information from the analytical instrumentation:				
Sample Matrix	NO	YES	NO	YES
Analyst	NO	YES	NO	YES
Analysis Date/Time	NO	YES	NO	YES
Analyte concentration	NO	YES	NO	YES
Units	NO	YES	NO	YES
Dilution Factors/Conversions	NO	YES	NO	YES
Detection/Reporting/Quant. Limits	NO	YES	NO	YES
QC Reviewed:		YES		YES
***Initial*:**		MJH		

* MJH = Michael Heard, KD = Kevin Doriety, MSH = Matt Hageman, KH = Kelly Hester

PDF / Notes: Sphere 3

Invoice 53806

Sutherland Environmental Co., Inc.

Sutherland Environmental Company Inc.

Sample Check-in Form

Date Received: 4/29/25 **Invoice #** 53806

Method of Delivery: hand **Client:** Sphere 3

1. Did any containers arrive broken?	YES	✓NO	
* If so, please state field ID with analysis of broken sample(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?	✓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?	✓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 custody?	✓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 check-in?	YES	NO	✓NA
12. Were any samples rejected?	YES	✓NO	
* If so, please state field ID of rejected sample(s): _____			

Sample Custodian (signed): M. W.

53806

SUTHERLAND ENVIRONMENTAL COMPANY, INC.
2515 5th Avenue South
Birmingham, AL 35233
Phone: 205 581 9500
Fax: 205 581 9504

SPHERE 3
ENGINEERING, 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 **Fax No.:** (205) 403.3318
Sampler Name: (Print) Tres Bond, Jimmy Johnson
Sampler Signature:

Page #: Page 1 of 2
Invoice To: SPHERE 3 Engineering, Inc.
Report To: greg; jon; karen@sphere3.com
Project #: SC.QS38.07
UST Incident No.: UST24-08-05
Facility ID #: Quick Serve #38
Site Address: 4101 Troy Highway
City, County, State: Montgomery, Alabama

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify): WATER	Analyze For: BTEX/MTBE/ NAPHTHALENE 8260B	TEMPERATURE	RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	PDF Results (yes or no)	Due Date of Report
MW-1 265775	4/28/2025	12:43	3	X					3						X						3			N	Y	
MW-2 265776	4/28/2025	12:56	3	X					3						X						3			N	Y	
MW-3 265777	4/28/2025	14:33	3	X					3						X						3			N	Y	
MW-4 265778	4/28/2025	15:29	3	X					3						X						3			N	Y	
MW-5 265779	4/28/2025	16:15	3	X					3						X						3			N	Y	
MW-6 265780	4/28/2025	16:04	3	X					3						X						3			N	Y	
MW-7 265781	4/28/2025	12:07	3	X					3						X						3			N	Y	
MW-8 265782	4/28/2025	15:17	2	X					3						X						3			N	Y	
MW-9 265783	4/28/2025	16:48	3	X					3						X						3			N	Y	
MW-10 265784	4/28/2025	14:21	3	X					3						X						3			N	Y	

Comments/Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
	4/29/25	14:01			
Relinquished by:	Date	Time	Received by:	Date	Time
			M. W.	4/29	1401

Laboratory Comments:
Temperature Upon Receipt: 2.1
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please pre-schedule w/ SUTHERLAND Project Manager or attach specifc instructions

53806

SUTHERLAND ENVIRONMENTAL COMPANY, INC.
2515 5th Avenue South
Birmingham, AL 35233
Phone: 205 581 9500
Fax: 205 581 9504

SPHERE 3 ENGINEERING, 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 **Fax No.:** (205) 403.3318
Sampler Name: (Print) Tres Bond, Jimmy Johnson
Sampler Signature:

Page #: Page 2 of 2
Invoice To: SPHERE 3 Engineering, Inc.
Report To: greg; jon; karen@sphere3.com
Project #: SC.QS38.07
UST Incident No.: UST24-08-05
Facility ID #: Quick Serve #38
Site Address: 4101 Troy Highway
City, County, State: Montgomery, Alabama

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify): WATER	Analyze For: BTEX/MTBE/ NAPHTHALENE 8260B	TEMPERATURE	RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	PDF Results (yes or no)	Due Date of Report
MW-11 265785	4/28/2025	13:54	3	X					3						X						3			N	Y	
MW-12 265786	4/28/2025	13:43	3	X					3						X						3			N	Y	
MW-13 265787	4/28/2025	11:55	3	X					3						X						3			N	Y	
DUP-1 265788	4/28/2025		3	X					3						X						3			N	Y	
TEMPERATURE BLANK			1											1						X		1				

Comments/Special Instructions:

Laboratory Comments:
Temperature Upon Receipt: 2.1
Sample Containers Intact? (Y) N
VOCs Free of Headspace? (Y) N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please pre-schedule w/ SUTHERLAND Project Manager or attach specifc instructions

Relinquished by:	Date	Time	Received by:	Date	Time
	4/29/25	14:01			
Relinquished by:	Date	Time	Received by:	Date	Time
			M. W.	4/29	1401

SPHERE 3
ENGINEERING, INC

HISTORICAL DISSOLVED COC ANALYTICAL SUMMARY QUICK SERVE #38 (UST24-08-05)							
MONITOR WELL	**DATE**	**BENZENE (mg/L)**	**TOLUENE (mg/L)**	**ETHYL-BENZENE (mg/L)**	**TOTAL XYLENES (mg/L)**	**MTBE (mg/L)**	**NAPH-THALENE (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*
	4/28/2025	0.006	<0.001	<0.001	<0.003	0.009	<0.005
SSTLs GRP		*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
	4/28/2025	0.002	<0.001	<0.001	<0.003	0.007	<0.005
SSTLs GRP		*0.330*	*66.000*	*46.200*	*175.000*	*1.320*	*1.320*
MW-4	8/19/2024	**2.960**	9.810	1.500	8.480	0.266	0.306
	DUP-1	***3.240***	*10.300*	*1.650*	*9.250*	*0.269*	*0.312*
	12/13/2024	0.141	1.160	0.404	2.000	0.001	0.174
	4/28/2025	0.283	0.007	0.091	0.333	0.013	0.044
SSTLs GRP		*0.331*	*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
	12/13/2024	**12.500**	25.000	3.800	18.500	0.280	0.038
	4/28/2025	**7.620**	5.120	1.560	7.460	0.138	0.116
SSTLs GRP		*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
	12/13/2024	0.004	0.004	<0.001	0.005	0.009	<0.005
	4/28/2025	0.022	0.003	0.002	<0.003	0.012	<0.005
SSTLs GRP		*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
	4/28/2025	0.008	<0.001	0.022	<0.003	0.003	<0.005
SSTLs GRP		*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
	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:

* - source well
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.