30181 State Hwy 59, Suite 1A
Loxley, AL 36551
Telephone 251-447-0944
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January 26, 2023

Mr. Emil Johnson
ADEM, UST Corrective Action Section
Groundwater Branch
1400 Coliseum Boulevard
Montgomery, Alabama 36110-2400

RE: Corrective Action Plan
Pilot Travel Center No. 441
3240 Point Mallard Parkway
Priceville, Morgan County, Alabama
Facility ID No. 19984-103-017980
UST Incident No. UST21-11-07
Cost Proposal No. 11
Atlas Project No. PTAL044111

Dear Mr. Johnson:

Atlas Technical Consultants, LLC (Atlas), on behalf of Pilot Travel Centers (Pilot), is pleased to submit the following Corrective Action Plan (CAP) for the above-referenced site for your review and approval. This CAP is being submitted as an initial abatement measure to recover product and will be modified prior to implementation, based on free product trends, the success of the current mobile recovery events, hand bailing measurements, and the results of the active and ongoing assessment and delineation activities at the site. Additionally, upon completion of assessment and delineation efforts, Atlas will request a meeting with ADEM to discuss an amended CAP strategy.

If you have any questions or comments regarding this submittal, please contact Paul Naman at 251.490.0308, or by email at paul.naman@oneatlas.com

Sincerely,

ATLAS TECHNICAL CONSULTANTS, LLC

Paul M. Naman, P.G.
Senior Geologist/Project Manager

Sam Wakefield
Program Manager

c: Joey Cupp, Pilot

CORRECTIVE ACTION PLAN

PILOT TRAVEL CENTER NO. 441
3240 POINT MALLARD PARKWAY
PRICEVILLE, MORGAN COUNTY, ALABAMA
ADEM FACILITY ID NO. 19984-103-017980
UST INCIDENT NO. UST21-11-07

Atlas Project No. PTAL044111

January 26, 2023

Prepared For:

Pilot Travel Centers
Joey Cupp
5508 Lonas Road
Knoxville, Tennessee 37909

ATLAS TECHNICAL CONSULTANTS, LLC

Written by:

Paul M. Naman, P.G.
Senior Geologist / Project Manager

Approved by:

Samuel Wakefield
Program Manager

30181 STATE HIGHWAY 59, STE. 1A • LOXLEY, ALABAMA 36651 •
TELEPHONE: 251.447.0944 • FACSIMILE: 251.447.0942

I certify under penalty of law that I am an Alabama Registered Professional Engineer I have supervised the preparation of, and provided review of, this Corrective Action Plan. Based on my inquiry of Atlas Technical Consultants, LLC personnel who directly gathered the enclosed information, the information is, to the best of my knowledge and belief, true, accurate, and complete.

Kenneth J. Perignat, P.E.
Alabama Licensed Professional Engineer No. 33747

Atlas Technical Consultants, LLC
State of Alabama Certificate of Authorization - Engineering No. 5753

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FIGURES

TABLES

APPENDICES

1.0 UST RELEASE FACT SHEET AND SITE CLASSIFICATION FORM

UST RELEASE FACT SHEET

GENERAL INFORMATION:

SITE NAME: Pilot Travel Center No. 441

ADDRESS: 3240 Point Mallard Parkway, Priceville, Morgan County, AL

FACILITY I.D. NO.: 19984-103-017980

UST INCIDENT NO.: UST21-11-07

RESULTS OF EXPOSURE ASSESSMENT:

How many private drinking water wells are located within 1,000 feet of site?	0
How many public water supply wells are located within 1 mile of the site?	0
Have any drinking water supply wells been impacted by contamination from this release?	{ } Yes {X} No
Is there an imminent threat of contamination to any drinking water wells?	{ } Yes {X} No
Have vapors or contaminated groundwater posed a threat to the public?	{ } Yes {X} No
Are any underground utilities impacted or imminently threatened by the release?	{ } Yes {X} No
Have surface waters been impacted by the release?	{ } Yes {X} No
Is there an imminent threat of contamination to surface waters?	{ } Yes {X} No
What is the type of surrounding population? Commercial	

CONTAMINATION DESCRIPTION:

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

Free product present in wells? {X } Yes { } No Maximum thickness measured: 17.37

Maximum TPH concentrations measured in soil: TPH 401 mg/Kg, Product line repair location. Highest BTEX = 1.1615 mg/kg: MW-2 16'-18' 2/17/21

Maximum BTEX or PAH concentrations measured in groundwater: Highest Total BTEX 0.003 mg/l MW-9 – 2/3/2022

ADEM Form 479 8/02

ADEM GROUNDWATER BRANCH
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:	Pilot Travel Center No. 441
SITE ADDRESS:	3240 Point Mallard Parkway Priceville, AL
FACILITY I.D. NO.:	19984-103-017980
UST INCIDENT NO.:	UST21-11-07
OWNER NAME:	Pilot Travel Centers
OWNER ADDRESS:	5508 Lonas Road, Knoxville, TN 37909
NAME & ADDRESS OF PERSON COMPLETING THIS FORM:	Paul M. Naman Atlas Technical Consultants, LLC 30181 State Highway 59, Suite 1A Loxley, AL 36551

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.	☐	**X**
A.2	Vapor concentrations at or approaching explosive levels are present in subsurface utility system(s), but no buildings or residences are impacted.	☐	**X**
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.	☐	**X**
B.2	An active domestic water supply well, domestic water supply line or domestic surface water intake is impacted or immediately threatened.	☐	**X**
B.3	The release is located within a designated Wellhead Protection Area I.	☐	**X**
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	☐	**X**

CLASSIFICATION	DESCRIPTION	YES	NO
	safety viewpoint.		

CLASSIFICATION	DESCRIPTION	YES	NO
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.	☒	
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.	☐	X
D.2	A non-potable water supply well is impacted or immediately threatened.	☐	X
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 feetof those soils.	☐	X
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.	☐	X
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.	☐	X
F.2	Groundwater is impacted and a domestic well is located within 1,000 feetof the site.	☐	X
F.3	Contaminated soils and/or groundwater are located within designated Wellhead Protection Areas (Areas II or III).	☐	X
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.	X	☐
GLASS H	SHORT TERM THREAT TO HUMAN HEALTH, SAFETY, OR SENSITIVE ENVIRONMENTAL RECEPTORS		
H.1	Impacted surface water, storm water 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.	☐	X

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.	☐	**X**

ADDITIONAL COMMENTS:

_____

_____

_____

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:	C.2

ADEM GROUNDWATER BRANCH
SITE CLASSIFICATION CHECKLIST
(5/8/95)

2.0 SITE HISTORY AND STATUS

2.1 Site Location

Pilot Travel Center No. 441 is located at 34°32'18" north latitude and 86°54'41" west longitude on the United States Geological Survey (USGS) 7.5-minute Decatur, Alabama Quadrangle Map. The facility lies within Section 12, Township 6 South, Range 4 West, Morgan County, Alabama, at an elevation of approximately 600 feet above sea level. Land use surrounding the facility is characterized by commercial retail development to the north, south, east, and west. A site location map and a site vicinity map are included on **Figures 1** and **2**, respectively.

2.2 Site Background

The site is an active truck and automobile fueling facility that occupies the northeast corner of the intersection of Point Mallard Parkway and Deer Road in Priceville, Alabama. Six underground storage tanks (USTs) containing unleaded gasoline and/or diesel are in service at the site. The site consists of a convenience store and restaurant, a truck fueling area (under a canopy), an automobile fueling area (under a canopy), an oil/water separator (OWS), and a UST basin with six USTs. The majority of the land area is covered with asphalt or concrete. A site map and a tank dispenser area map are included as **Figures 3A** and **3B**.

The Corrective Action Plan (CAP) Report was prepared by Atlas Technical Consultants, LLC. (Atlas), in response to the Alabama Department of Environmental Management (ADEM) correspondence dated October 5, 2022.

2.3 Chronology of Events Leading to the Corrective Action Plan

- November 2020: a confirmed release from a leaking diesel product line was submitted to ADEM, based on laboratory data for a soil sample collected near the leak location.
- March 2021 to April 2021: Nine mobile-enhanced multiphase extraction (MEME) events were performed. A total of 5,710 gallons of impacted water and 253.21 pounds of hydrocarbons (651.15 equivalent gallons) were recovered.
- August 2021: Preliminary Investigation Report Submitted to ADEM.
- October 2021: Three MEME events were performed. A total of 560 gallons of impacted water and 310.46 pounds of hydrocarbons (137.39 equivalent gallons) were recovered.
- May 2022: Secondary Investigation Report Submitted to ADEM.

3.0 SITE CHARACTERIZATION AND FIELD INVESTIGATION RESULTS

3.1 Surrounding Population

Land use surrounding the facility is characterized by commercial development. Review of **Figure 2** indicates that the site is located on the northeast corner of the intersection of Point Mallard Parkway and Deer Road in Priceville, Alabama. Commercial retail establishments occupy nearby properties to the north, south, east, and west.

A vacant building, Hood RV center, and a wooded area border the site to the north. Garth Road borders the site to the east, across which is a wooded lot followed by an active Chevron Station. Point Mallard Parkway borders the site to the south, across which is a vacant building, the Hometown Diner, BBQ Smokehouse Restaurant, and a Comfort Inn Hotel. The site is bordered to the west by Deer Road, across which is Canteen Vending Machine Company and I-Storage Self Storage Facility.

3.2 Water Well/Sensitive Receptor Inventory

A water well inventory has been completed for the area surrounding the site. The USGS, National Water Information System (NWIS) Web Interface was consulted for potential wells in the area surrounding the site. A 1-square-mile bounding box search was conducted for the site and the search did not identify any wells.

Based on the results of a visual field reconnaissance and topographic map research, additional public or private water well potential receptors were not identified within 1 mile or 1,000 feet, respectively, of the site. The nearest surface water body is an unnamed pond, located approximately 950 feet southeast of the site. **Figure 1** illustrates the location of the site, the local topography, and the location of nearby surface water bodies.

3.3 Underground Utility Survey

Underground water, storm sewer, and power lines were identified in the area of the site. The approximate location of these underground utilities is along Point Mallard Parkway. Based on the depth to water and results of soil and groundwater sampling performed, impact to underground utilities from hydrocarbons originating at the site is unlikely.

3.4 Regional Geology and Hydrogeology

The site is located within the Highland Rim Section of the Interior Low Plateau Physiographic Province. The interior Low Plateau is defined by plateaus of moderate relief, which are the result of erosion of the underlying sedimentary rock units.

According to published geologic data, the site is underlain by the Mississippian Tuscumbia Limestone. The Tuscumbia Limestone is typically blue-gray to gray massive crystalline cherty fossiliferous limestone. Regionally, the Tuscumbia dips to the south-southwest; but can show local variations, due to differential weathering. The Tuscumbia Limestone formation thickness in full cross section is approximately 200 feet and overlies the Mississippian age Fort Payne Chert. The Fort Payne Chert is a siliceous dolomite inter-bedded with limestone and chert and a few beds of shale, and ranges in thickness from about 70 to 180 feet.

A consistent regolith of residual weathered material mantles the surface of the Tuscumbia Limestone. Regolith thickness may be as much as 100 feet locally and consists mostly of clay; however, significant layers of chert rubble may be encountered near the regolith-bedrock interface.

The Tuscumbia Limestone and underlying Fort Payne Chert comprise the Tuscumbia-Fort Payne Aquifer. This is the major aquifer for north Alabama. Recharge occurs throughout the outcrop by water infiltration and percolation through the regolith. Cavernous porosity is present in areas where dissolution has enlarged joints and bedding planes.

3.5 Site Geology and Hydrogeology

A review of the boring logs for the borings that were installed during this investigation reveals that the site is supported by a layer of red brown, firm clay to approximately 36 feet below land surface (BLS), intermixed with chert fragments and a few chert seams. Bedrock was encountered during the drilling of monitoring well DW-1 from approximately 35 to 43 feet BLS.

Depth-to-water in monitoring wells MW-1 through MW-10 ranged from 12.29 feet below top of casing (BTOC) in MW-10 to 34.62 feet BTOC in MW-4 [depressed by non-aqueous phase liquid (NAPL)] on February 3, 2022. The potentiometric surface across the site for February 3, 2022, is presented on **Figure 4**.

A review of **Figure 4** indicates that groundwater flow is generally to the west-northwest. Liquid level data are summarized in **Table 1**.

3.6 Soil Impact Delineation

Laboratory analytical results for soil samples obtained from borings MW-5 through MW-10 indicate that benzene, toluene, ethylbenzene, and total xylenes (BTEX) was detected above the laboratory reporting limits in the samples from MW-5, MW-6, MW-7, MW-8, and MW-10. Benzene was detected at a concentration above the ADEM Commercial Initial Screening Levels (ISLs) for soil in the samples from MW-5 (14 to 16 feet BLS), at a concentration of 0.0136 milligrams per kilograms (mg/Kg); MW-6 (14 to 16 feet BLS), at a concentration of 0.0211 mg/Kg; MW-8 (9 to 11 feet BLS), at a concentration of 0.0112 mg/Kg; and from MW-8 (14 to 16 feet BLS), at a concentration of 0.0289 mg/Kg. Methyl tertiary-butyl ether (MTBE) was only detected in the sample from MW-7 (16 to 18 feet BLS); however, that concentration was below the ISL for MTBE.

Polynuclear aromatic hydrocarbons (PAH) compounds were detected above the laboratory reporting limits in the soil samples collected from MW-1, MW-6, MW-7, MW-9, and MW-10; however, all of the detected compounds were below the ISLs. A map depicting hydrocarbons above ISLs in soil is included as **Figure 5**.

The concentration of BTEX and MTBE in soil was used to estimate the extent of hydrocarbon-impacted soil at the site. A review of **Figure 5** indicates that benzene concentrations above ISLs were observed in the soil samples collected from monitoring wells MW-1 and MW-2, collected as part of the preliminary investigation and in the soil samples collected from MW-5, MW-6, and MW-8, from the secondary investigation. MTBE was observed at a concentration above ISLs from the soil sample collected from MW-4, as part of the preliminary investigation.

A further review of **Figure 5** indicates that the horizontal and vertical distribution of adsorbed-phase petroleum hydrocarbons at the site is not delineated. A summary of soil analytical results is included in **Tables 2A** and **2B**.

3.7 Groundwater Impact Delineation

A comprehensive groundwater sampling and gauging event was conducted on February 3, 2022. Depth-to-water in monitoring wells MW-1 through MW-10 ranged from 12.29 feet BTOC in MW-10 to 34.62 feet BTOC in MW-4 on February 3, 2022. Free-phase product (FP) was detected in monitoring wells MW-1 (3.22 feet), MW-2 (3.54 feet), MW-4 (17.37 feet), MW-6 (11.09 feet), MW-8 (12.11 feet), and DW-1 (16.98 feet) during the March 2016 gauging event. The potentiometric surface across the site for February 3, 2022, is presented on **Figure 4**. A summary of liquid level gauging and free-phase product thicknesses are presented in **Table 1**.

Laboratory analytical results for the groundwater samples collected during the SI, with a breakdown of individual BTEX, MTBE, and PAH components, are summarized in **Tables 3A** and **3B**. The

concentrations of BTEX and MTBE for the February 3, 2022, sampling event are presented on **Figure 6**.

A review of **Table 3A** and **3B** indicates the following information about regulated substances in groundwater on February 3, 2022, at this site:

- Benzene was detected above the laboratory reporting limit in the groundwater samples collected from MW-3, MW-7, and MW-9. Only the sample collected from MW-7 had a concentration above the ADEM Commercial ISL of 0.005 mg/L for benzene, with a concentration of 0.0093 milligrams per liter (mg/L).

- Toluene was not detected above the laboratory-reporting limit in any of the groundwater samples collected on February 3, 2022.

- Ethylbenzene was detected above the laboratory-reporting limit in the groundwater samples collected from MW-7 and MW-9; however, the concentrations were below the ADEM Commercial ISL of 0.7 mg/L.

- Xylenes were detected above the laboratory-reporting limit in the groundwater sample collected from MW-7; however, the concentration was below the ADEM Commercial ISL of 10 mg/L for xylenes.

- MTBE was detected above the laboratory-reporting limit in the samples collected from MW-5, MW-7, and MW-10. The samples from MW-5 (0.0957 mg/L) and MW-10 (0.0731 mg/L) were above the ADEM Commercial ISL of 0.02 mg/L for MTBE.

- Select PAH compounds were detected in the groundwater samples collected from MW-3, MW-5, MW-7, MW-9, and MW-10; however, all of the detected compounds were below ISLs.

A concentration map, illustrating the horizontal distribution of dissolved-phase BTEX and MTBE for February 3, 2022, is presented as **Figure 6.** A further review of **Figure 6** indicates that the horizontal and vertical distribution of dissolved-phase petroleum hydrocarbons at the site is not delineated.

4.0 PROPOSED REMEDIAL ACTION

It is understood that the remedial objectives for this site is the removal of recoverable free-phase product from site wells to the greatest extent practicable, as determined ADEM. Note that Site Specific Alternate Concentration Levels (ACLs) for this site have not been developed, and the scope of this CAP focuses solely on recovery of free product.

The proposed remedial technology, as requested by ADEM in their correspondence dated October 5, 2022, utilizes down-well free-product skimmer pumps in select recovery points to recover mobile

free product from the subsurface. The down-well skimmer pumps employ a floating oleophilic/hydrophobic intake filter which allows recovery of free product from the groundwater interface into a down-well pump casing. The filter prevents the flow of groundwater from entering the pump casing, allowing for isolated capture and recovery of free product. Once the pump is filled, air pressure from an onsite air compressor is utilized to pump the captured free product from the down-well pump casing up to an onsite free product storage container. The free product skimming pump continues to cycle as free product fills up the down-well skimmer pump casing. The remedial design and approach are further evaluated in the following sections of this report.

4.1 Permitting

The following permits are deemed to be required, prior to conducting remediation system installation activities. These permits include the following:

Permit Type	Permitting Agency
Building Permit – Land Disturbance	City of Priceville, Alabama
Electrical Permit	City of Priceville, Alabama

Upon approval of this CAP, Atlas will commence with obtaining the appropriate permits. Atlas anticipates that the permit approval process to require approximately 60 days to complete, though scheduling may be contingent on the expedience and additional requirements of the City permitting office.

4.2 Remediation System Design

Atlas proposes to install the free product skimmer pumps in existing monitoring wells MW-1, MW-2, MW-4, and MW-8. Product recovery piping and air delivery piping will be installed in trenches which will connect the onsite air compressor and free product storage tank to the free product skimmer wells.

Proposed free product recovery wells and associated trench locations are identified on **Figure 7**. A conceptual process flow and instrumentation diagram is presented as **Figure 8**.

4.3 Trenching and Piping

Piping between the remediation system compound and the free-phase product recovery wells will be constructed in subsurface trenches. Trenches will be excavated to a depth of approximately 24 inches below grade and widths not to exceed 36 inches.

The compressed air delivery piping will consist of ½ inch diameter, Schedule 80 poly-vinyl chloride (PVC) pipe. This piping supplies compressed air to the pneumatic down-well skimmer pumps to

push recovered free product to the free product storage container. Each compressed air leg on the manifold should be constructed with a pressure meter and valve assembly, to provide individual flow and pressure control to each recovery well.

The free product recovery well fluids return will be individually connected with approximately 1.5-inch nominal diameter, Schedule 40, PVC pipe. Connection from the PVC pipe to the wellhead will consist of approximate 1-inch nominal diameter petroleum-resistant hose. Ball valves will be installed at the wellheads and the compound manifold to allow piping isolation as required during operation. A check valve will be installed at the well head to alleviate pressure on the skimmer pump outflow.

Piping connections will consist of solvent welded PVC couplings and elbows. Trenches will be backfilled with sand and/or peagravel (or other suitable backfill material) with the top 2 to 6 inches finished to match existing grade (concrete, asphalt, or grass cover).

Pressure testing of the compressed air piping (pneumatic pump air delivery), utilizing a minimum pressure of 50 pounds per square inch (psig), is recommended, prior to completing the trench installation activities.

4.4 Remediation System Components

- **Air Compressor – Pneumatic Pump Air Delivery:** It is anticipated that each pneumatic pump will require 0.5 cubic feet per minute (cfm) at 100 psig. As such, the air sparge air compressor should be capable of supplying a minimum flow rate of approximately 2 cfm at 100 psig.

- **Free Product Storage Tank:** Separated free-phase product will be pumped to an aboveground storage tank (minimum 100-gallon capacity). The storage tank will be constructed with a High-Level sensor to prevent overfilling of the storage tank and alert the operator that the tank needs to be emptied prior to continuing system operation. Accumulated free-phase product will be periodically removed and transported off site at a licensed disposal facility, as required.

- **Control Panel**: A National Electrical Manufacturers Association (NEMA) 4 rated control panel will be installed within the remediation compound. The control panel will house applicable controls, relays, motor starts, and other logic controls required for the operation of the remediation system equipment.

- **Telemetric Connectivity**: Atlas recommends providing telemetric communication connection to the remediation system control panel, to allow for remote surveillance and operation.

- **Equipment Enclosure**: In order to provide security of equipment, protection of inclement weather, and reduce noise emission from energized equipment, Atlas

recommends providing a cover (e.g. wood or metal cover) over the storage tank and air compressor.

- **Compound Fencing**: In order to provide protection of the remediation equipment and general public, a fence will be constructed along the perimeter of the remediation system compound (assumed 10 feet by 10 feet compound area, to be situated east of the existing Pilot store building). Fencing will consist of 8-foot-high chain-link construction with privacy slats/fabric installed around the perimeter of the compound. A 5-foot entrance gate should be installed to allow for personnel to enter the compound and service the equipment. Appropriate safety placards (e.g., Authorized Personnel Only, Electric Shock Warning, Emergency Contacts, etc.) will be installed on the fencing during operation.

- **Installation of Utilities**: In order to properly operate the remediation equipment, Atlas will procure utility services consisting of electrical and telecommunications.

4.5 Remediation System Operation and Maintenance

Remediation system operation and maintenance (O&M) visits will be conducted as required, to fulfill sampling and operational data collection requirements. Personnel are expected to be on site daily during the initial 2 to 3 days of startup activities. O&M visits will then be conducted weekly during the first month of operation, twice monthly for the next 2 months, and once monthly thereafter during system operation. Upon notification from the telemetry system that an alarm condition exists, personnel will be dispatched to the site within 24 to 48 hours of notification, for troubleshooting, repair, and restart of the system. Should the system become inoperable during this time, information will be relayed to the ADEM personnel concerning the exact cause of the malfunction/breakage, current status of repair, and expected date of system restart.

On-site personnel will obtain system readings to include, but not limited to:

- Check the volume of free-phase product recovered within the product storage tank. Organize for removal, transport, and disposal of accumulated free-phase transport as required;

- Ensure cycling and recovery of free-phase product pneumatic pumps, adjust air delivery pressures as necessary, and cleaning of the skimmer filter as required to ensure optimal product recovery;

- Air compressor status, runtime, flow gauge readings, pressure gauge readings, cycling of air sparge well operation, and adjust as necessary to maintain consistent operation;

- Conduct groundwater sampling and gauging, as required;

- Maintain equipment and compound to ensure safe and continuous operation. Equipment cleaning and maintenance will be conducted on an "as-needed-basis" and per the applicable manufacturer's maintenance guidelines; and

- Conduct system optimization activities, as directed by the project engineer.

5.0 PROPOSED SAMPLING REQUIREMENTS

5.1 Groundwater Monitoring Events

Groundwater monitoring events will be conducted on a triannual basis. Each event will consist of collecting groundwater levels, detection of free-phase product, and purging and sampling of select site wells. Monitoring wells MW-1 through MW-10 and DW-1 are proposed to be sampled on a triannual basis and analyzed for BTEX, MTBE, and naphthalene, via EPA Method 8260. Samples will be submitted to an approved laboratory.

6.0 SCHEDULE AND REPORTING

6.1 Schedule

Upon confirmation of ADEM approval of this CAP, Atlas will commence with the installation of the proposed remediation system. It is anticipated that approximately 120 days will be required to complete the installation activities required for this site-specific system. Installation activities are to include (but not limited to):

- Procurement of necessary permits;
- Procurement of applicable equipment;
- Trench and pipe construction;
- Wellhead and manifold assembly;
- Equipment placement and connections within the system compound;
- Utility connections; and
- Final permitted activities review and permissions.

This system design has been produced based at the direction of ADEM to install a free product skimmer system. As skimmer technology does not employ total fluids or soil vapor extraction methodology to aid in mitigation of subsurface petroleum hydrocarbons, Atlas cannot guarantee a proposed duration to achieve remedial objectives at this site.

Upon achieving remedial objectives, Atlas will request a cessation of corrective action. Following cessation of corrective action, post-remedial site monitoring will be conducted for a duration of approximately 1 year. Should site remedial objectives be maintained during the post-remedial monitoring period, then a request for no further action (NFA) required will be submitted. Upon

confirmation of NFA status, abandonment, removal, and site closure activities will be conducted, which are anticipated to require 3 weeks to complete.

A summation of the projected schedule is as follows:

SCOPE	DURATION
Installation Activities	120 days, following approval of the CAP Addendum No. 1
Bump Test	1 day
Remediation System Operation	Approximately 24 months
Post-Remediation Monitoring	12 months, following ADEM approval of cessation of corrective action
Request for NFA	30 days, following final post-remediation monitoring quarterly groundwater sampling event
Site Closure Activities	To be completed within 3 weeks of NFA notification.

6.2 Reporting

The following reporting schedule will be adhered to upon confirmation of this CAP Addendum No. 1:

REPORT	SUBMITTAL DATE AND NOTES
Remediation System Delivery Notification	15 days, following delivery of remediation equipment to site.
Remediation System Activation Notification	15 days, following remediation system activation.
Report of Corrective Action Implementation	30 days, following completion of remediation system installation activities. To include as-built drawings, equipment specifications, and copies of approved permits.
Triannual Report of Corrective Action Effectiveness	Reports to be submitted 30 days, following completion of (4 months) operation.
Request for Cessation of Corrective Action	To be submitted 30 days, following groundwater monitoring event which confirms achievement of remedial objectives.
Post-Remedial Monitoring Report	To be submitted 30 days, following triannual groundwater monitoring event(s).
Request for NFA Status	To be submitted 30 days, following triannual groundwater monitoring event(s).

7.0 COSTS

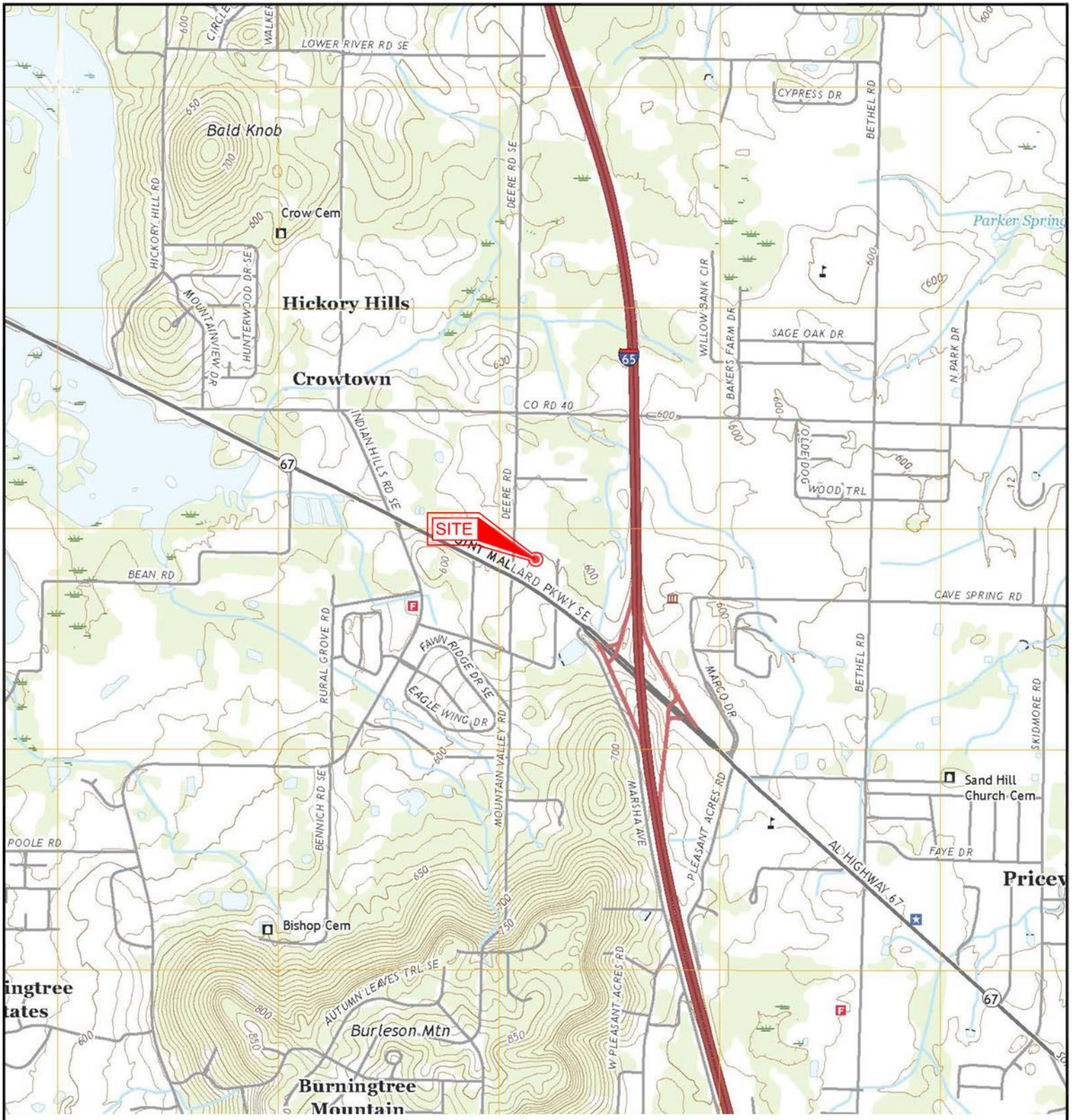
Cost proposal for the installation activities associated with the implementation of the activities outlined within this CAP are attached in **Appendix A**. Total costs associated with the tasks as follows:

- Cost Proposal No. 12 (CP-12): System Installation and Startup. Total Cost: $146,906.97.

8.0 LIMITATIONS

This report has been prepared for the exclusive use of Pilot Travel Centers Inc. for specific application to the referenced site in Priceville, Alabama. The CAP and remedial design are performed based on the scope-of-work and level of effort, as approved by ADEM and with resources adequate only for that scope-of-work. Our findings have been developed in accordance with generally accepted standards of geology and hydrogeology practices in the State of Alabama, available information, and our professional judgment. No other warranty is expressed or implied.

The data that are presented in this report are indicative of conditions that existed at the precise locations sampled and at the time the samples were collected. Additionally, the data obtained from samples would be interpreted as being meaningful, with respect to parameters indicated in the laboratory report. No additional information can be logically inferred from these data. Conclusions and recommendations set forth herein are applicable only to the facts and conditions described at the time of this report.



GRAPHIC SCALE

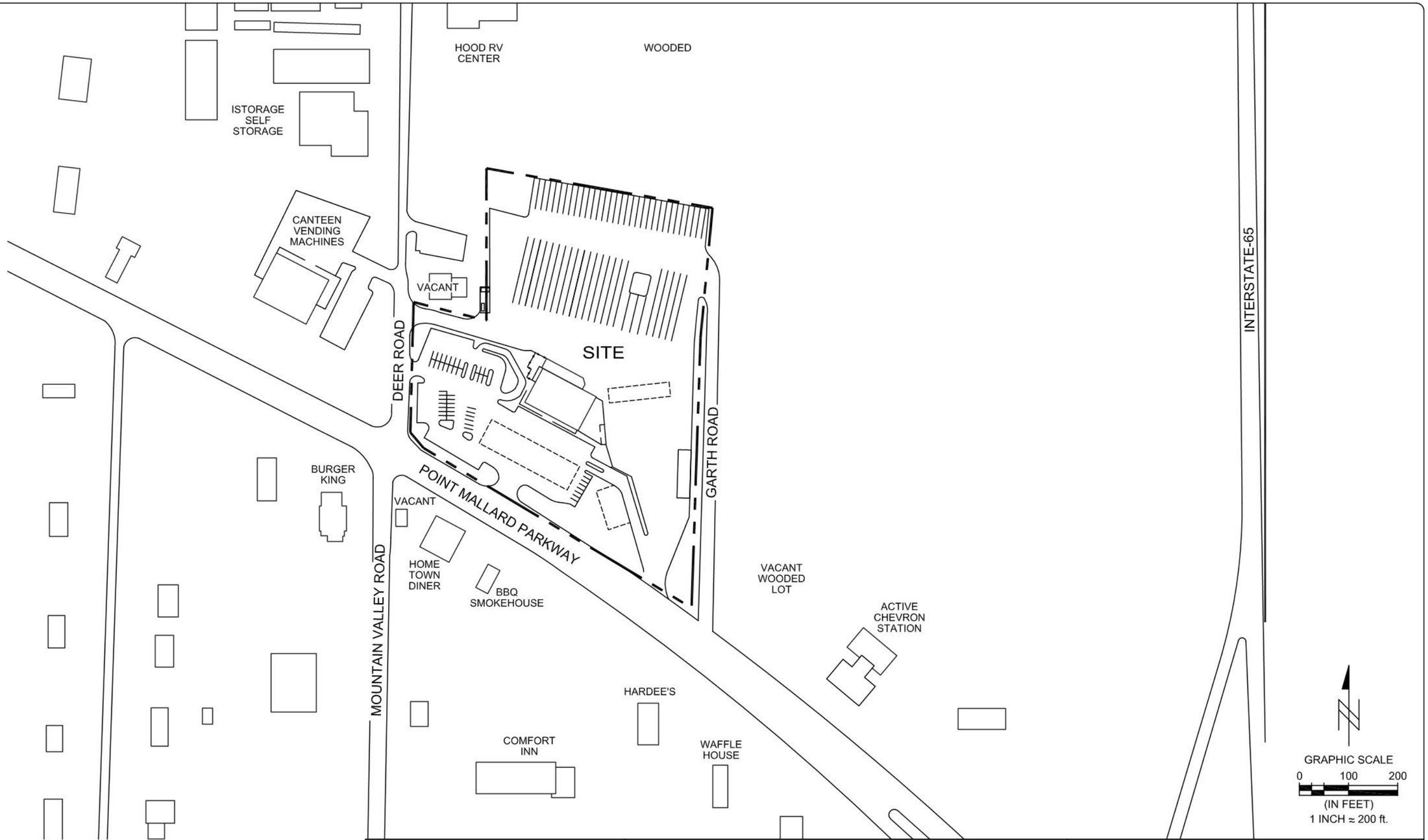
0 1,000 2,000

(IN FEET)

1 INCH ≈ 2,000 ft.

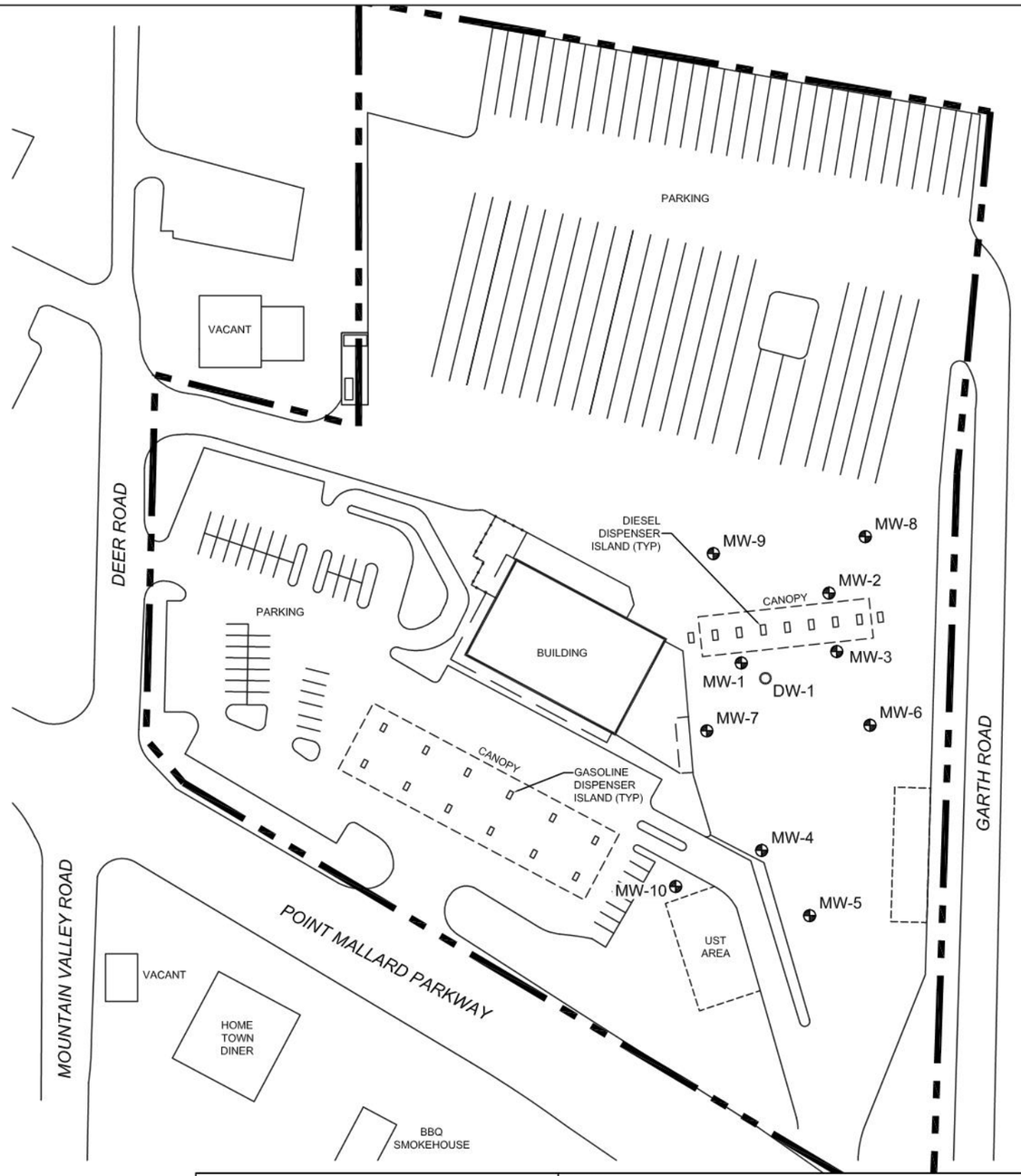
SOURCE: 7.5 MINUTE SERIES USGS QUADRANGLE MAP; DECATUR, ALABAMA, DATED 2020.

Project: PILOT SITE NO. 441 PILOT FLYING J TRAVEL CENTERS 3240 POINT MALLARD PARKWAY PRICEVILLE, ALABAMA	FIGURE 1 SITE LOCATION MAP	Drawn By: M. LIFE Checked By:	ATLAS
Job No.:		Date: 05/09/22	



ATLAS

PROJECT:			TITLE:	
PILOT SITE NO. 441 PILOT FLYING J TRAVEL CENTERS 3240 POINT MALLARD PARKWAY PRICEVILLE, ALABAMA			SITE VICINITY MAP	
DRAWN BY: MKL	DATE: 05/09/22	PROJECT NO.:	SCALE: 1" ≈ 200'	PAGE/FIG. NO.: 2
CHECKED BY: PN	DATE:	REPORT NO.:		



GRAPHIC SCALE
0 50 100
(IN FEET)
1 INCH ≈ 100 ft.

LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- MONITORING WELL LOCATION
- DEEP MONITORING WELL LOCATION

ATLAS

PROJECT: PILOT SITE NO. 441 PILOT FLYING J TRAVEL CENTERS 3240 POINT MALLARD PARKWAY PRICEVILLE, ALABAMA			TITLE: SITE MAP
DRAWN BY: MKL	DATE: 05/09/22	PROJECT NO.: .	SCALE: 1" ≈ 100'
CHECKED BY: PN	DATE:	REPORT NO.:	PAGE/FIG. NO.: 3A

DEER ROAD

PARKING

BUILDING

DIESEL DISPENSER ISLAND (TYP)

CANOPY

GASOLINE DISPENSER ISLAND (TYP)

MW-1

DW-1

MW-2

MW-3

MW-4

MW-5

MW-6

MW-7

MW-8

MW-9

MW-10

UST AREA

GARTH ROAD

POINT MALLARD PARKWAY

MOUNTAIN VALLEY ROAD

VACANT

HOME TOWN DINER

GRAPHIC SCALE

0 30 60

(IN FEET)

1 INCH ≈ 60 ft.

LEGEND:

APPROXIMATE PROPERTY BOUNDARY

MONITORING WELL LOCATION

DEEP MONITORING WELL LOCATION

ATLAS

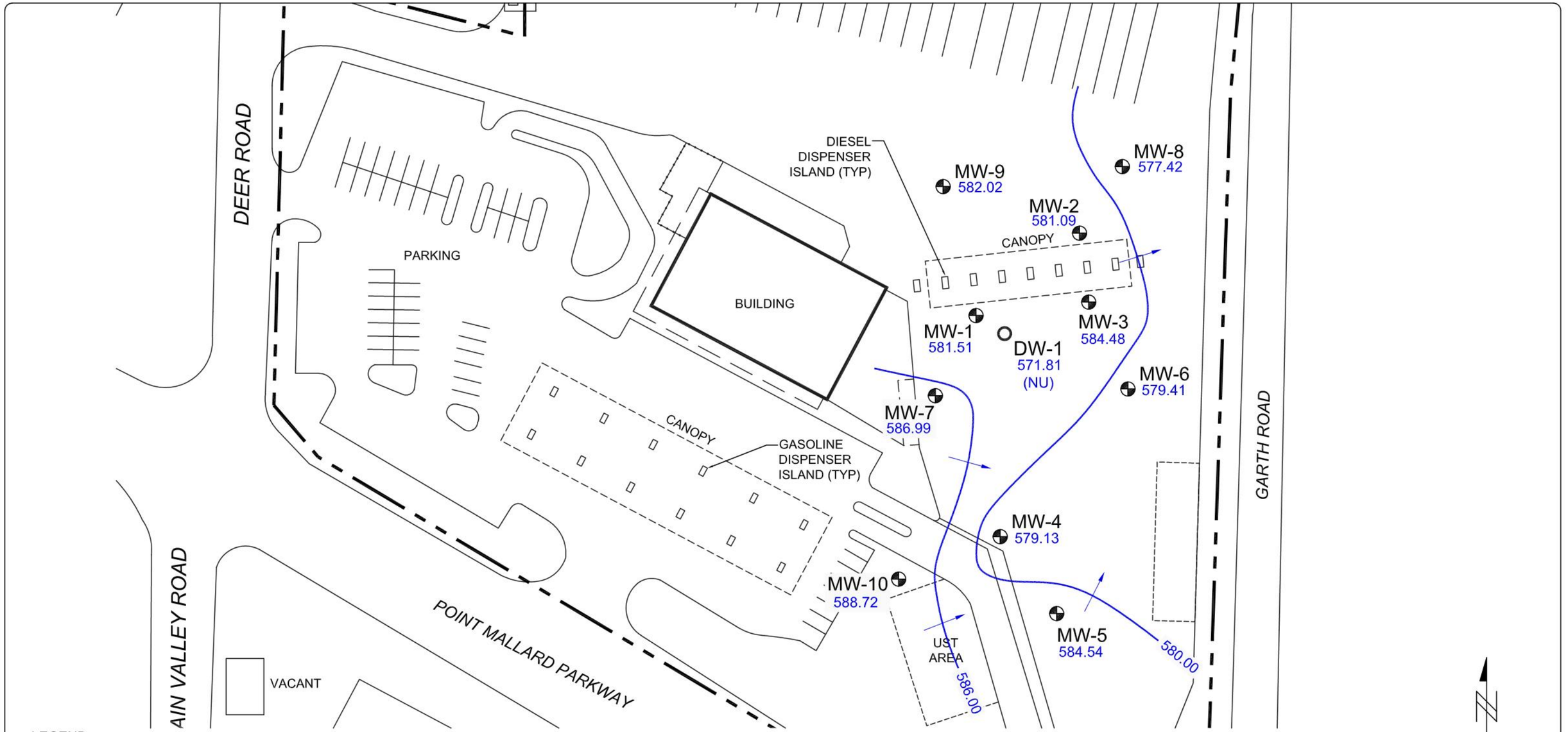
PROJECT:

PILOT SITE NO. 441
PILOT FLYING J TRAVEL CENTERS
3240 POINT MALLARD PARKWAY
PRICEVILLE, ALABAMA

TITLE:

SITE MAP -
TANK DISPENSER AREA

DRAWN BY:	DATE:	PROJECT NO.:	SCALE:	PAGE/FIG. NO.:
MKL	05/09/22	.	1" ≈ 60'	3B
CHECKED BY: PN	DATE:	REPORT NO.:		



LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- MONITORING WELL LOCATION
- DEEP MONITORING WELL LOCATION
- 585.73 — POTENTIOMETRIC SURFACE ELEVATION (FEET) (NU - NOT USED IN CONTOURING)
- 586.00 — POTENTIOMETRIC SURFACE ELEVATION CONTOUR (FEET) DASHED WHERE INFERRED
- ESTIMATED DIRECTION OF GROUNDWATER FLOW

GRAPHIC SCALE
0 30 60
(IN FEET)
1 INCH ≈ 60 ft.

ATLAS

PROJECT: PILOT SITE NO. 441 PILOT FLYING J TRAVEL CENTERS 3240 POINT MALLARD PARKWAY PRICEVILLE, ALABAMA			TITLE: POTENTIOMETRIC SURFACE MAP FEBRUARY 3, 2022
DRAWN BY: MKL	DATE: 05/09/22	PROJECT NO.: .	SCALE: 1" ≈ 60'
CHECKED BY: PN	DATE:	REPORT NO.:	PAGE/FIG. NO.: 4

DEER ROAD

PARKING

DIESEL DISPENSER ISLAND (TYP)

MW-9

CANOPY

MW-1

BUILD
02/17/21
24-26
0.0322
0.00065

MW-3

DW-1

MW-8

12/09/21	12/09/21
9-11	14-16
0.0112	**0.0289**
<0.000083	<0.000095

MW-2

02/17/21
16-18
0.0365
<0.0045

MW-7

MW-6

12/08/21
14-16
0.0211
<0.0041

CANOPY

GASOLINE DISPENSER ISLAND (TYP)

MW-4

02/17/21
30-32
0.00018
0.0137

GARTH ROAD

MW-10

MW-5

12/08/21
14-16
0.0136
<0.0043

UST AREA

Y ROAD

POINT MALLARD PARKWAY

LEGEND:

APPROXIMATE PROPERTY BOUNDARY

MONITORING WELL LOCATION

DEEP MONITORING WELL LOCATION

CONCENTRATIONS IN mg/Kg

SAMPLE DATE
SAMPLE DEPTH IN FEET
BENZENE
MTBE

BOLD - VALUES EXCEED ISLs

GRAPHIC SCALE

0 30 60

(IN FEET)

1 INCH ≈ 60 ft.

ATLAS

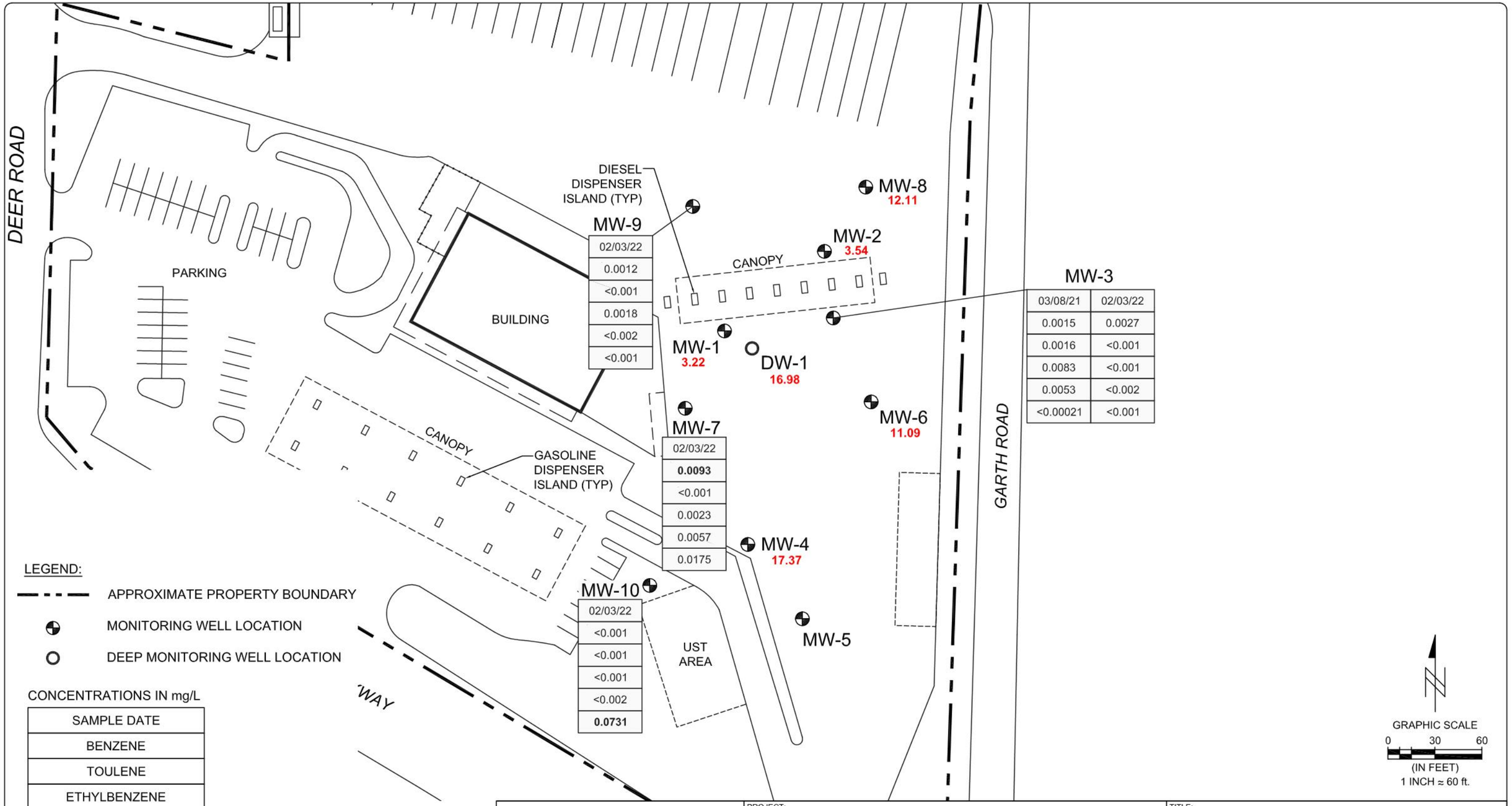
PROJECT:

PILOT SITE NO. 441
PILOT FLYING J TRAVEL CENTERS
3240 POINT MALLARD PARKWAY
PRICEVILLE, ALABAMA

TITLE:

HYDROCARBONS IN SOIL MAP

DRAWN BY: MKL	DATE: 05/09/22	PROJECT NO.:	SCALE: 1" ≈ 60'	PAGE/FIG. NO.:
CHECKED BY: PN	DATE:	REPORT NO.:		

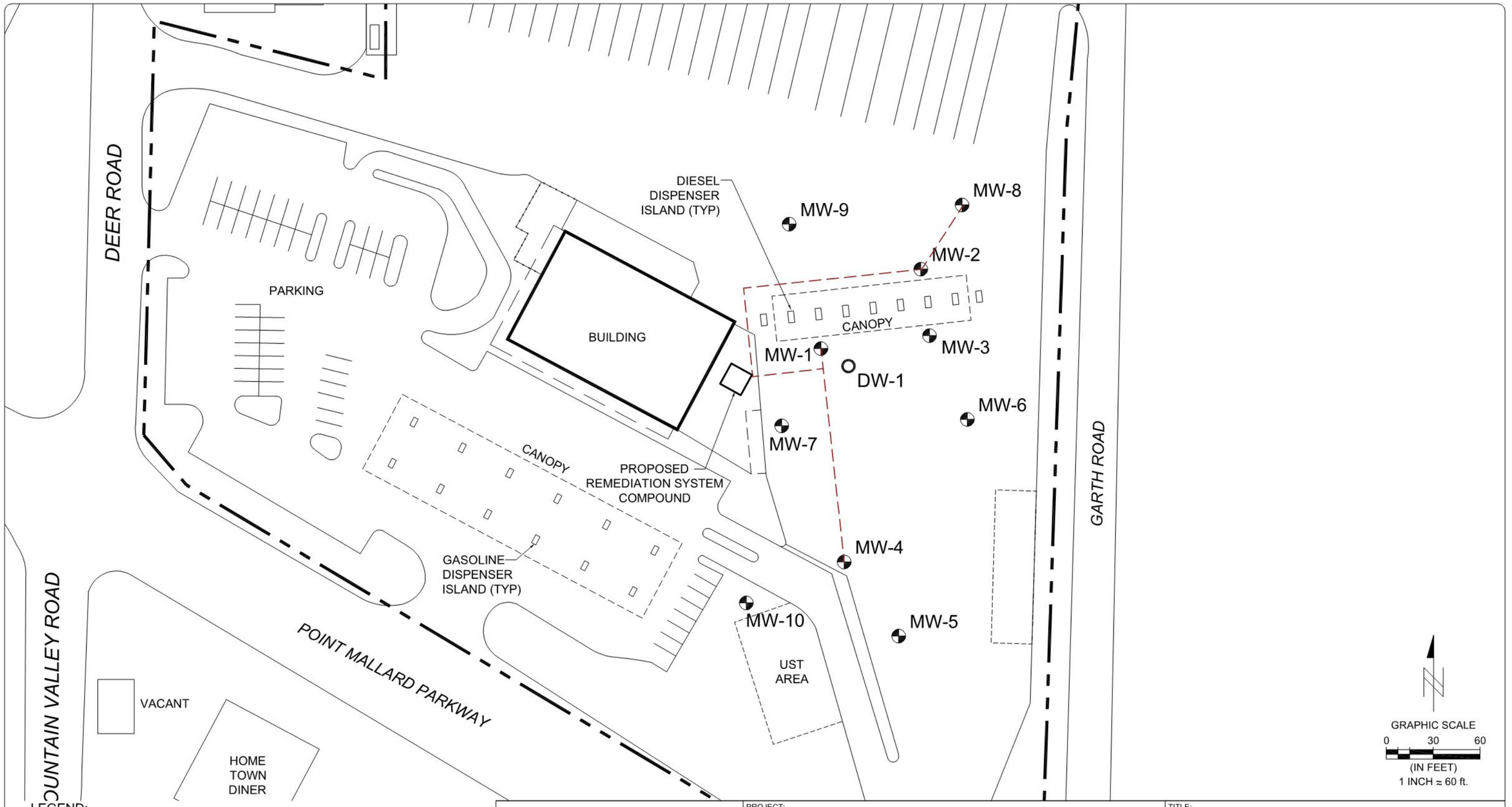


ATLAS

PROJECT:
PILOT SITE NO. 441
PILOT FLYING J TRAVEL CENTERS
3240 POINT MALLARD PARKWAY
PRICEVILLE, ALABAMA

TITLE:
GROUNDWATER CONCENTRATION MAP

DRAWN BY:	MKL	DATE:	05/09/22	PROJECT NO.:	SCALE:	PAGE/FIG. NO.:
CHECKED BY:	PN	DATE:		REPORT NO.:	1" ≈ 60'	



LEGEND:

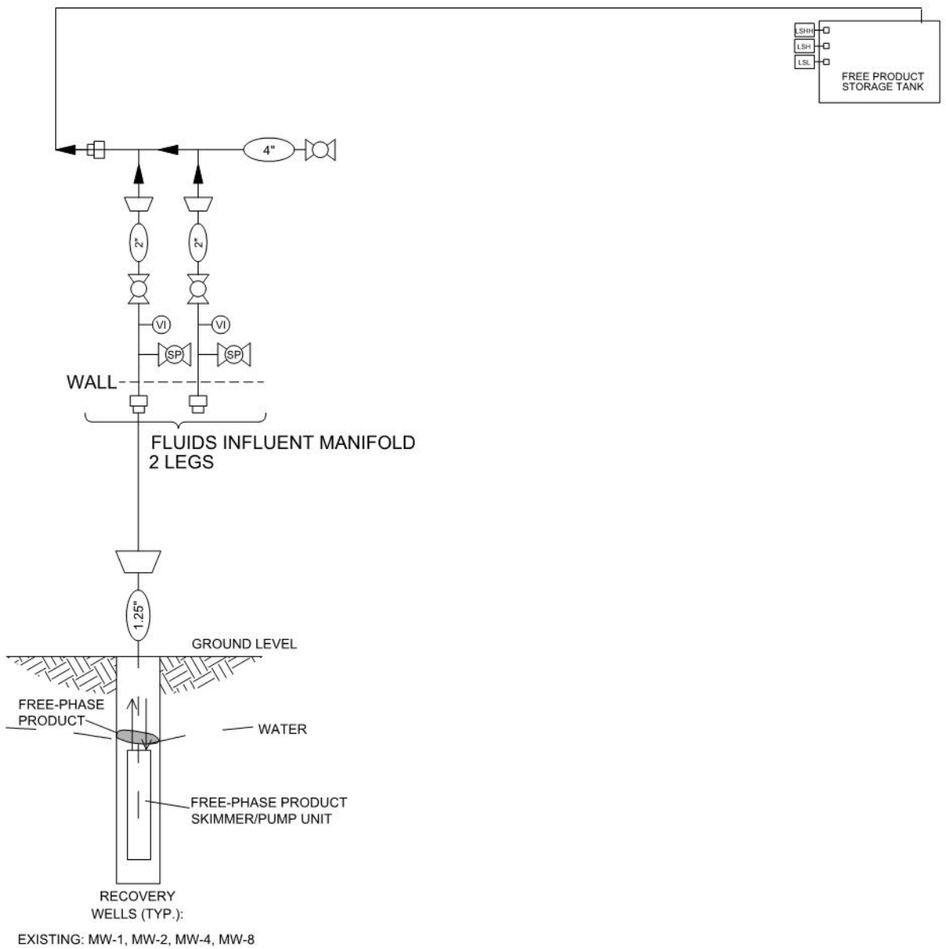
- APPROXIMATE PROPERTY BOUNDARY
- MONITORING WELL LOCATION
- DEEP MONITORING WELL LOCATION
- TRENCHING

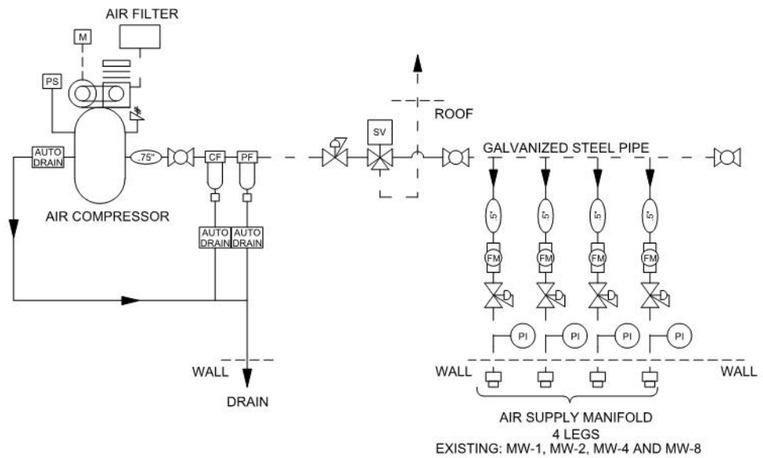
ATLAS

PROJECT:
PILOT SITE NO. 441
PILOT FLYING J TRAVEL CENTERS
3240 POINT MALLARD PARKWAY
PRICEVILLE, ALABAMA

TITLE:
TRENCHING AND WELL LOCATION MAP

DRAWN BY:	DATE:	PROJECT NO.:	SCALE:	PAGE/FIG. NO.:
MKL	01/06/23	.	1" ≈ 60'	7
CHECKED BY: PN	DATE:	REPORT NO.:		





LEGEND

CF	COALESCING FILTER
FI	FLOW INDICATOR
FM	FLOW METER
LSH	LEVEL SWITCH HIGH
LSHH	LEVEL SWITCH HIGH HIGH
LSL	LEVEL SWITCH LOW
M	MOTOR
PF	PARTICULATE FILTER
PI	PRESSURE INDICATOR
PS	PRESSURE SWITCH
PSL	PRESSURE SWITCH LOW
SP	SAMPLE PORT
SV	SOLENOID VALVE
TI	TEMPERATURE INDICATOR
VI	VACUUM INDICATOR
	BALL VALVE
	BARBED FITTING
	CHECK VALVE
	GATE VALVE
	PRESSURE REGULATOR
	RELIEF VALVE
	SIPHON BREAKER
	REDUCER BUSHING
	WYE STRAINER
	AIR LINE
	WATER LINE
	AIR/WATER COMBO LINE
FM	FLOW METER
1"	PIPE/HOSE SIZE (NPT)
	PRESSURE VELVET VALVE
SV	SOLENOID VALVE

ATLAS

PROJECT:
PILOT SITE NO. 441
PILOT FLYING J TRAVEL CENTERS
3240 POINT MALLARD PARKWAY
PRICEVILLE, ALABAMA

TITLE:
PROCESS AND INSTRUMENTATION DIAGRAM

DRAWN BY: MKL	DATE: 01/06/23	PROJECT NO.: .	SCALE: 1" ≈ 60'	PAGE/FIG. NO.: 8
CHECKED BY: PN	DATE:	REPORT NO.:		

TABLE 1
Liquid Level Summary

Pilot Travel Center No. 441
3240 Point Mallard Parkway
Priceville, Morgan County, Alabama
ADEM Facility ID No. 19984-103-017980
UST Incident No. 21-11-07

Well ID	Date Measured	Screened Interval	A	B	C	A-B	A-C	C-B	(A-C)+SGx(C-B)
			Top of Casing Elevation	Depth to NAPL	Depth to Water	NAPL Surface Elevation	Water Surface Elevation	NAPL Thickness	Potentiometric Surface Elevation
MW-1	3/8/2021	2-30	600.00	13.70	28.00	586.30	572.00	14.30	582.58
	2/3/2022			17.65	20.87	582.35	579.13	3.22	581.51
MW-2	3/8/2021	2-36	599.58	14.10	15.10	585.48	584.48	1.00	585.22
	2/3/2022			17.57	21.11	582.01	578.47	3.54	581.09
MW-3	3/8/2021	2-24	599.63	--	12.07	--	587.56	--	587.56
	2/3/2022			--	15.15	--	584.48	--	584.48
MW-4	3/8/2021	2-36	600.90	14.10	16.00	586.80	584.90	1.90	586.31
	2/3/2022			17.25	34.62	583.65	566.28	17.37	579.13
MW-5	2/3/2022	5-30	602.21	--	17.67	--	584.54	--	584.54
MW-6	2/3/2022	5-30	601.05	18.76	29.85	582.29	571.20	11.09	579.41
MW-7	2/3/2022	5-30	600.67	--	13.68	--	586.99	--	586.99
MW-8	2/3/2022	5-30	598.55	17.98	30.09	580.57	568.46	12.11	577.42
MW-9	2/3/2022	5-30	599.22	--	17.20	--	582.02	--	582.02
MW-10	2/3/2022	5-30	601.01	--	12.29	--	588.72	--	588.72
DW-1	2/3/2022	38-43	600.04	23.82	40.80	576.22	559.24	16.98	571.81

NOTES:
All measurements in feet
MW = Monitoring Well
NS = Not Surveyed
NAPL = non aqueous phase liquids
Corrected grounwater elevation = top of casing elevation - depth-to-water + (NAPL thickness x specific gravity adjustment)
SG = specific gravity of NAPL, assumed to be 0.74
-- = not applicable/not present

TABLE 2A
Soil Analytical Results
BTEX/MTBE
(all results expressed as milligrams per kilogram [mg/kg])

Pilot Travel Center No. 441
3240 Point Mallard Parkway
Priceville, Morgan County, Alabama
ADEM Facility ID No. 19984-103-017980
UST Incident No. 21-11-07

Sample Location	Sample Depth (ft)	Date Sampled	Benzene	Toluene	Ethyl-benzene	Xylenes	Total BTEX	MTBE
MW-1	2-4	2/17/2021	0.00092	0.00052	0.00049	0.00097	0.0029	0.00024
	24-26	2/17/2021	**0.0322**	0.0161	0.0566	0.181	0.2859	0.00065
MW-2	2-4	2/17/2021	0.00058	0.00053	0.00053	0.0025	0.00414	<0.000088
	16-18	2/17/2021	**0.0365**	0.167	0.217	0.741	1.1615	<0.0045
MW-3	2-4	2/17/2021	0.0024	0.00033	0.001	0.0015	0.00523	<0.000091
	18-20	2/17/2021	0.0041	0.00031	0.0121	<0.0011	0.01651	<0.000095
MW-4	8-10	2/17/2021	0.0028	<0.00018	0.0206	<0.0012	0.0234	<0.0011
	30-32	2/17/2021	0.00018	<0.00015	<0.00021	<0.00095	0.00018	**0.0137**
MW-5	4-6	12/8/2021	0.00064	0.00021	0.00057	<0.00093	0.00142	<0.00084
	14-16	12/8/2021	**0.0136**	<0.0075	0.219	<0.048	0.2326	<0.0043
MW-6	9-11	12/8/2021	<0.0080	<0.0073	<0.010	<0.047	<RL	<0.0042
	14-16	12/8/2021	**0.0211**	<0.0072	0.158	<0.046	0.1791	<0.0041
MW-7	4-6	12/8/2021	<0.0077	<0.0071	<0.010	<0.045	<RL	<0.0041
	16-18	12/8/2021	0.0051	0.00016	0.0042	0.0188	0.02826	0.0022
MW-8	9-11	12/9/2021	**0.0112**	0.00017	0.0035	0.0126	0.02747	<0.000083
	14-16	12/9/2021	**0.0289**	<0.0016	0.0964	0.100	0.2253	<0.000095
MW-9	9-11	12/9/2021	<0.0077	<0.0071	<0.010	<0.045	<RL	<0.0041
	14-16	12/9/2021	<0.0087	<0.0079	<0.011	<0.051	<RL	<0.0046
MW-10	4-6	12/8/2021	0.00038	<0.00015	0.0012	0.0012	0.00278	<0.000085
	14-16	12/8/2021	0.00025	<0.00015	0.0047	<0.00098	0.00495	<0.000088
ADEM Commercial ISLs (mg/kg)			**0.00845**	**3.6**	**3.61**	**62.4**	**NE**	**0.00862**

Notes:
Bold = Result is above ISLs
mg/kg = milligrams per kilogram
ADEM = Alabama Department of Environmental Management
ISLs = Initial Screening Levels
BTEX = benzene, toluene, ethylbenzene, and xylenes analyzed by EPA Method 8260B
MTBE = methyl tertiary-butyl ether by EPA Method 8260B
NE = not established
<RL = less than laboratory reporting limit
ft = feet

TABLE 2B
Soil Analytical Results
PAHs
[all results expressed as milligrams per kilogram (mg/kg)]

Pilot Travel Center No. 441
3240 Point Mallard Parkway
Priceville, Morgan County, Alabama
ADEM Facility ID No. 19984-103-017980
UST Incident No. 21-11-07

Sample ID	Samle Depth (ft.)	Sample Date	Acenapthene	Acenapthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnapthalene	2-Methylnapthalene	Napthalene	Phenanthrene	Pyrene
MW-1	2-4	2/17/2021	<0.0044	<0.002	<0.0023	0.0068	<0.0033	0.0044	<0.0063	<0.0054	0.0037	<0.0033	<0.0034	<0.0056	0.0032	<0.0031	<0.0029	<0.0047	<0.0012	<0.0025
	24-26	2/17/2021	0.0417	0.0115	0.0323	<0.0029	<0.0033	<0.0042	<0.0064	<0.0054	<0.0014	<0.0033	<0.0035	0.0523	<0.0029	0.164	0.167	0.0878	0.0425	0.0469
MW-2	2-4	2/17/2021	<0.0044	<0.002	<0.0023	<0.0029	<0.0033	<0.0042	<0.0064	<0.0054	<0.0014	<0.0033	<0.0035	<0.0056	<0.0029	<0.0031	<0.0029	<0.0047	<0.0012	<0.0025
	16-18	2/17/2021	<0.0043	<0.0019	0.016	<0.0028	<0.0032	<0.0041	<0.0063	<0.0054	<0.0014	<0.0033	<0.0034	0.0203	<0.0029	0.0761	0.0404	0.0282	0.0199	0.0191
MW-3	2-4	2/17/2021	<0.0043	<0.0019	<0.0023	<0.0028	<0.0032	<0.0041	<0.0062	<0.0053	<0.0014	<0.0032	<0.0034	<0.0055	<0.0029	<0.0030	<0.0028	<0.0046	<0.0012	<0.0025
	18-20	2/17/2021	<0.0043	<0.0019	<0.0023	<0.0028	<0.0032	<0.0041	<0.0062	<0.0053	<0.0014	<0.0032	<0.0034	<0.0055	<0.0029	<0.0030	<0.0028	<0.0046	<0.0012	<0.0025
MW-4	8-10	2/17/2021	<0.0044	<0.002	0.0026	<0.0028	<0.0033	<0.0041	<0.0063	<0.0054	<0.0014	<0.0033	<0.0034	<0.0055	<0.0029	0.0143	0.014	0.0072	0.007	0.0057
	30-32	2/17/2021	<0.0044	<0.002	<0.0023	<0.0029	<0.0033	<0.0041	<0.0063	<0.0054	<0.0014	<0.0033	<0.0034	<0.0056	<0.0029	<0.0031	<0.0029	<0.0047	<0.0012	<0.0025
MW-5	4-6	12/8/2021	<0.0043	<0.0019	<0.0023	<0.0028	<0.0032	<0.0041	<0.0063	<0.0054	<0.0014	<0.0033	<0.0034	<0.0055	<0.0029	<0.0031	<0.0029	<0.0046	<0.0012	<0.0025
	14-16	12/8/2021	<0.0043	<0.0019	0.0082	<0.0028	<0.0032	<0.0041	<0.0062	<0.0053	<0.0014	<0.0032	<0.0034	0.0077	<0.0029	0.0129	0.0124	0.0055	0.0103	0.0172
MW-6	9-11	12/8/2021	<0.0044	<0.0020	<0.0023	<0.0029	<0.0033	<0.0042	<0.0064	<0.0054	<0.0014	<0.0033	<0.0035	<0.0056	<0.0029	<0.0031	<0.0029	<0.0047	<0.0012	<0.0025
	14-16	12/8/2021	0.0265	0.0066	0.0411	<0.0029	<0.0033	<0.0042	<0.0064	<0.0055	<0.0014	<0.0033	0.0175	0.0303	<0.0029	0.0605	0.0810	0.0242	0.0509	0.0757
MW-7	4-6	12/8/2021	<0.0044	0.0052	0.0249	<0.0029	<0.0033	<0.0042	<0.0064	<0.0054	<0.0014	<0.0033	0.0130	0.0224	<0.0029	0.0270	0.0317	0.0070	0.0285	0.0499
	16-18	12/8/2021	<0.0044	<0.0020	<0.0023	<0.0029	<0.0033	<0.0041	<0.0063	<0.0054	<0.0014	<0.0033	<0.0034	<0.0056	<0.0029	<0.0031	<0.0029	<0.0047	<0.0012	<0.0025
MW-8	9-11	12/9/2021	<0.0044	<0.0020	<0.0023	<0.0028	<0.0033	<0.0041	<0.0063	<0.0054	<0.0014	<0.0033	<0.0034	<0.0055	<0.0029	<0.0031	<0.0029	<0.0046	<0.0012	<0.0025
	14-16	12/9/2021	<0.0043	<0.0019	<0.0023	<0.0028	<0.0032	<0.0041	<0.0063	<0.0054	<0.0014	<0.0033	<0.0034	<0.0055	<0.0029	<0.0031	<0.0029	<0.0046	<0.0012	<0.0025
MW-9	9-11	12/9/2021	0.0078	<0.0019	0.010	<0.0028	<0.0032	<0.0041	<0.0063	<0.0054	<0.0014	<0.0033	<0.0034	0.0091	<0.0029	0.0186	0.0139	0.0074	0.0129	0.0194
	14-16	12/9/2021	0.102	<0.0019	0.131	0.0045	<0.0032	<0.0041	<0.0062	<0.0053	0.0032	<0.0032	0.0644	0.161	<0.0029	0.170	0.179	0.0505	0.170	0.202
MW-10	4-6	12/8/2021	<0.0044	<0.0020	<0.0023	0.0077	0.0039	<0.0042	<0.0064	<0.0054	0.0041	<0.0033	0.0066	<0.0056	<0.0029	<0.0031	<0.0029	<0.0047	<0.0012	0.0063
	14-16	12/8/2021	<0.0044	<0.0020	0.0030	<0.0028	<0.0033	<0.0041	<0.0063	<0.0054	<0.0014	<0.0033	<0.0034	<0.0055	<0.0029	<0.0031	<0.0029	<0.0046	0.0047	0.0069
Commercial ISLs			***NE***	***NE***	***10.2***	***9.51***	***0.952***	***9.5***	***11.1***	***9.52***	***6.37***	***NE***	***101***	***153***	***NE***	***0.579***	***141***	***91.8***	***NE***	***NE***

Notes:

PAHs = polynuclear aromatic hydrocarbons analyzed by EPA Method 8270D
mg/kg = milligrams per kilogram
ISL = Initial Screening Level
NE = not established
<RL = less than reporting limit

TABLE 3A
Groundwater Analytical Results
BTEX/MTBE
(All results expressed as milligrams per liter [mg/L])

Pilot Travel Center No. 441
3240 Point Mallard Parkway
Priceville, Morgan County, Alabama
ADEM Facility ID No. 19984-103-017980
UST Incident No. 21-11-07

Well Number	Sample Date	Benzene	Toluene	Ethyl-benzene	Xylenes	Total BTEX	MTBE
MW-1	3/8/2021	Not Sampled - NAPL					
	2/3/2022	Not Sampled - NAPL					
MW-2	3/8/2021	Not Sampled - NAPL					
	2/3/2022	Not Sampled - NAPL					
MW-3	3/8/2021	0.0015	0.0016	0.00083	0.0053	0.00923	<0.00021
	2/3/2022	0.0027	<0.001	<0.001	<0.002	0.0027	<0.001
MW-4	3/8/2021	Not Sampled - NAPL					
	2/3/2022	Not Sampled - NAPL					
MW-5	2/3/2022	<0.001	<0.001	<0.001	<0.002	<RL	**0.0957**
MW-6	2/3/2022	Not Sampled - NAPL					
MW-7	2/3/2022	**0.0093**	<0.001	0.0023	0.0057	0.0173	0.0175
MW-8	2/3/2022	Not Sampled - NAPL					
MW-9	2/3/2022	0.0012	<0.001	0.0018	<0.002	0.0030	<0.001
MW-10	2/3/2022	<0.001	<0.001	<0.001	<0.002	<RL	**0.0731**
DW-1	2/3/2022	Not Sampled - NAPL					
ADEM Commercial ISLs		**0.005**	**1**	**0.7**	**10**	**NE**	**0.02**

Notes:
ADEM = Alabama Department of Environmental Management
Bold = Result is above ISLs
NAPL = Non Aqueous-Phase Liquid
ISLs = Initial Screening Levels
BTEX = benzene, toluene, ethylbenzene, and xylenes analyzed by EPA Method 8260B
MTBE = methyl tertiary-butyl ether by EPA Method 8021B
<RL = less than laboratory reporting limit
NE = not established
DUP = duplicate sample

TABLE 3B
Groundwater Analytical Results
PAHs
(all results expressed as milligrams per liter [mg/l])

Pilot Travel Center No. 441
3240 Point Mallard Parkway
Priceville, Morgan County, Alabama
ADEM Facility ID No. 19984-103-017980
UST Incident No. 21-11-07

Sample ID	Sample Date	Acenapthene	Acenapthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnapthalene	2-Methylnapthalene	Naphthalene	Phenanthrene	Pyrene
MW-1	3/8/2021	Not Sampled - NAPL																	
	2/3/2022	Not Sampled - NAPL																	
MW-2	3/8/2021	Not Sampled - NAPL																	
	2/3/2022	Not Sampled - NAPL																	
MW-3	3/8/2021	0.00018	<0.0000047	<0.000007	<0.000008	<0.000014	<0.000038	<0.000044	<0.000041	<0.000013	<0.000042	0.000049	0.000099	<0.000011	<0.0000086	<0.0000081	0.00057	<0.0000065	0.00007
	2/3/2022	0.00059	<0.000036	0.000014	<0.000036	<0.000036	<0.000036	<0.000036	<0.000036	<0.000036	<0.000036	<0.000036	0.00058	<0.000036	0.0020	<0.000036	0.00071	0.00013	0.00014
MW-4	3/8/2021	Not Sampled - NAPL																	
	2/3/2022	Not Sampled - NAPL																	
MW-5	2/3/2022	<0.000036	<0.000036	<0.000036	<0.000036	<0.000036	<0.000036	<0.000036	<0.000036	<0.000036	<0.000036	<0.000036	0.000054	<0.000036	0.00026	0.00020	0.00029	<0.000036	<0.000036
MW-6	2/3/2022	Not Sampled - NAPL																	
MW-7	2/3/2022	0.00031	<0.000036	0.000081	<0.000036	<0.000036	<0.000036	<0.000036	<0.000036	<0.000036	<0.000036	<0.000036	0.00049	<0.000036	0.0033	0.0029	0.0050	0.00027	0.00011
MW-8	2/3/2022	Not Sampled - NAPL																	
MW-9	2/3/2022	0.00087	0.000086	0.00027	0.000051	0.000044	0.00014	0.000077	<0.000036	0.00015	<0.000036	0.00016	0.0012	0.000044	0.0093	0.0119	0.0112	0.00085	0.00047
MW-10	2/3/2022	0.00022	0.00016	<0.000036	<0.000036	<0.000036	<0.000036	<0.000036	<0.000036	<0.000036	<0.000036	<0.000036	0.00016	<0.000036	0.00068	0.00036	0.00078	0.000041	0.000042
DW-1	2/3/2022	Not Sampled - NAPL																	
Commercial ISLs (ppm)		***NE***	***NE***	***0.0434***	***0.00117***	***0.00020***	***0.00117***	***0.0007***	***0.0008***	***0.0016***	***NE***	***0.206***	***1.46***	***NE***	***0.02***	***1***	***0.135***	***NE***	***NE***

Notes:
PAHs = polynuclear aromatic hydrocarbons analyzed by EPA Method 8270D
NAPL = Non Aqueous-Phase Liquid
mg/l = milligrams per liter
ISL = Initial Screening Level
NE = not established
<RL = less than reporting limit

APPENDIX A

Cost Proposal 12

Alabama Tank Trust Fund
Cost Proposal
Part I

I.1 Cost Proposal Information:

Cost Proposal Number:	Date of Cost Proposal (mm/dd/yy):
12	1/18/2023
UST or AST Incident Number:	Facility I.D. Number:
UST21-11-07	19984-103-017980

I.2 Facility Information

Facility Name:	Pilot Travel Center No. 441
Facility Address:	3240 Point Mallard Parkway Priceville, AL

I.3 Owner Information:

Owner Name:	Pilot Travel Centers LLC
Owner Address:	5508 Lonas Road Knoxville, TN 37090
Employer Tax Number (IRS):	34-1953155

I.4 Response Action Contractor Information:

Approved Response Action Contractor Name:	Atlas Technical
Approved Response Action Contractor Address:	30181 State Highway 59, Suite 1A Loxley, AL 36551
Project Contact:	Paul Naman
Project Contact Phone #:	251-490-0308
Project Contact E-mail:	paul.naman@oneatlas.com
Employer Tax Number (IRS):	46-0399408

Cost Proposal Number: 12

Facility Name: Pilot Travel Center No. 441

I.5 Activity Information:

	Indicate below the activities for which the cost proposal is submitted:
	Site Stabilization/Initial Abatement
	Preliminary Investigation
	Secondary Investigation / Additional Well Installation
	Alabama Risk Based Corrective Action (ARBCA)
	Groundwater Sampling
	Free Product Removal/Mobile Enhanced Multiphase Extraction (MEME)
	Corrective Action Plan Evaluation
	Develop Corrective Action Plan
X	Corrective Action
	Stockpile Sampling / Management / Disposal
	Provision of Alternate Water Supply
	Pilot Test
	Monitoring/Recovery/Injection Well Abandonment
	System Decommissioning/Removal

Activities/Other/Brief Summary of Activities:

Develop a Corrective Action Plan.

Provide proposed completion date for this phase of work activities:

12/31/2023

Provide projected date of cleanup completed:

12/31/2024

I.6 Subcontractor Information:

Indicate Subcontractors to be used during this phase of work:

Name & Address	Service Provided
SGS, Scott, LA	Analytical Laboratory
Republic Services, Decatur, AL	Concrete/Soil Disposal - System Install
Data Power Source	Electrical Contractor
PRM	NAPL Skimmer Vendor

Cost Proposal Number:	Facility Name:
12	Pilot Travel Center No. 441

Signatures must be provided in Sections I.7 and I.8 below for this proposal to be processed.

I.7 Certification of Unintentional Release of Motor Fuel & Cost Proposal- Owner Signature:

I certify that an unintentional release has occurred from a motor fuel underground or aboveground tank system at this site and I authorize this Cost Proposal amount for corrective action activities to be conducted at this site.

Owner or Operator Signature:	
Typed or Printed Name and Title:	Joey Cupp , Director Environmental
Email address:	cuppj@pilottravelcenters.com
Date:	_____/_____/2023

I.8 Cost Proposal- Contractor Signature:

I certify that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Response Action Contractor Signature:	
Typed or Printed Name and Title:	Paul Naman, Project Manager
Date:	1 / 26 /2023

I.9 Trust Fund Obligation Information:

Estimated Total Cost of all Anticipated Response Actions (To be updated overtime):	$750,000.00
Total of Previously Approved Cost Proposals:	$138,874.75
Total Proposed Costs to Date (Approved Costs Plus Costs Proposed in this Cost Proposal):	$285,781.72
Estimate Percent Completion of entire project to date:	38%

I.10 Cost Proposal Amount

Proposed Costs under this Cost Proposal:	**$146,906.97**	**Personnel**	**$18,240.00**
		Field Equipment	**$0.00**
Owners Required Contribution for UST Release($5,000): *Applicable for CP#1 Only*		**Mileage**	**$0.00**
		Per Diem	**$0.00**
		Drilling	**$0.00**
Owners Required Contribution for AST Release($10,000): *Applicable for CP#1 Only*		**Analytical**	**$0.00**
		Other	**$128,666.97**
Total of This Cost Proposal:	**$146,906.97**		

Cost Proposal Summary

CP Total	Facility I.D. #	CP #	Incident Number	Site Name
$146,906.97	19984-103-017980	12	UST21-11-07	Pilot Travel Center No. 441

Part II- Alabama Tank Trust Fund Itemization Form "A" Cost Proposal

Scenarios	Unit $	Units	Quantity	Requested$
CA System Installation Report (all Classes same)	$8,344	/report	1	$8,344.00
Total Report and Plan Costs				**$8,344.00**

Part II- Alabama Tank Trust Fund Itemization Form "B" Cost Proposal

Site Survey during Investigation (not a Licensed Surveyor)	$280.00	/sow	1	$280.00
System Installation Oversight (up to 7 days in field)	$9,616	/system	1	$9,616.00
Per diem (greater than 12hrs)	$34	/ext. day	7	$0.00
Per diem >2 consecutive days (overnight)(invoice(s) required)	$100	/day	7	$0.00
Postage / Shipping and Copying (plans reports, ADEM and owner)	$85	/sow	1	$85.00
Total Field Costs				**$9,981.00**

Part II- Alabama Tank Trust Fund Itemization Form "C" Cost Proposal

Total Drilling Costs	**$0.00**

Part II- Alabama Tank Trust Fund Itemization Form "D" Cost Proposal

		Pass Through	Quoted Amoun	Requested$
Corrective Action System Install			$87,868.33	$87,868.33
Corrective Action System Purchase		5%	$20,122.04	$21,128.14
Phone Costs (telemetry)		10%	$200.00	$220.00
Power Costs		10%	$1,500.00	$1,650.00
Other/Misc. (receipts required)	Electrical Install	10%	$8,315.00	$9,146.50
Other/Misc. (receipts required)	Soil Disposal - System Trenching	10%	$6,290.00	$6,919.00
Other/Misc. (receipts required)	Permits - City of Priceville	10%	$1,500.00	$1,650.00
Total Subs / Vendors / Utilities				**$128,581.97**

Part II- Alabama Tank Trust Fund Itemization Form "E" Cost Proposal

Per diem allowed for Alabama Tank Trust Fund Contractor Personnel Only
Maximum allowable rates are referenced on the "Maximum Rates" Tab in this document.
This page should be submitted whenever per diem is being claimed.

Points of Travel From	To	Projected Date mm/dd/yy	Personnel Classification	Hour of Departure am/pm	Hour of Return am/pm	Activity To Be Performed	Amount Per diem claimed
Use this section to enter claims for daily per diems							
				Total number of daily per diems			0
Use this section to enter claims for extended daily per diems							
Woodstock	Priceville		Engineer	8:00 AM	8:00 PM	Install	$34.00
Woodstock	Priceville		Engineer	8:00 AM	8:00 PM	Install	$34.00
Woodstock	Priceville		Engineer	8:00 AM	8:00 PM	Install	$34.00
Woodstock	Priceville		Engineer	8:00 AM	8:00 PM	Install	$34.00
Woodstock	Priceville		Engineer	8:00 AM	8:00 PM	Install	$34.00
Woodstock	Priceville		Tech	8:00 AM	8:00 PM	Startup	$34.00
Woodstock	Priceville		Tech	8:00 AM	8:00 PM	Startup	$34.00
				Total number of ext. daily per diems			7
Use this section to enter claims for overnight per diems							
Woodstock	Priceville		Engineer	8:00 AM	8:00 PM	Install	$100.00
Woodstock	Priceville		Engineer	8:00 AM	8:00 PM	Install	$100.00
Woodstock	Priceville		Engineer	8:00 AM	8:00 PM	Install	$100.00
Woodstock	Priceville		Engineer	8:00 AM	8:00 PM	Install	$100.00
Woodstock	Priceville		Engineer	8:00 AM	8:00 PM	Install	$100.00
Woodstock	Priceville		Tech	8:00 AM	8:00 PM	Startup	$100.00
Woodstock	Priceville		Tech	8:00 AM	8:00 PM	Startup	$100.00
				Total number of overnight per diems			7

Pilot Site No. 441
3240 Point Mallard Parkway
Priceville, AL
Morgan County
Facility #19984-103-017980

Trenching: 355 feet + 10 feet in compound

Task	Personnel - Subcontractor	Quantity	Units	Rate	Total	
Task: System Installation - System Installation - Propose to install a fence 15X15 compound east of Pilot convenience building. Remediation eq. to air compressor for Recovery Well pumps (4 wells).	PM	5	hrs	$99.00	$495.00	Project setup,
	Professional Engineer	5	hrs	$115.00	$575.00	Field Changes, Confirmation of locations, etc.
	Staff Professional - Eng/Geo	10	hrs	$83.00	$830.00	Setup Subs, Hauloffs, Utility locate, Utility setups, etc.
	Cnst Supervisor	296	hrs	$77.00	$22,792.00	4 weeks, 7 days week, 10 hour days + 2 - 8 hour days for mob/demob
	Laborer	296	hrs	$60.00	$17,760.00	4 weeks, 7 days week, 10 hour days + 2 - 8 hour days for mob/demob
	Laborer	296	hrs	$60.00	$17,760.00	4 weeks, 7 days week, 10 hour days + 2 - 8 hour days for mob/demob
	Mileage	700	miles	$0.57	$399.00	400 RT + 300 local
	Mini-Excavator	4	weeks	$600.00	$2,400.00	
	Bob Cat	4	weeks	$600.00	$2,400.00	
	Roll-offs	2	EA	$6,290.00	$0.00	Action Resources ($6,290) includess 2 roll offs, rental, waste profiling, trandpostation and disposal (covered in CP for system install)
	Cnst Debri disposal	60	yds	$45.00	$2,700.00	2 x 30 CY rolloffs, 1 asphalt and C&D, 1 soil
	Concrete (vaults)	1	cyds	$115.00	$115.00	4 wells at 3cf concrete per
	Concrete (trenches)	7	cyds	$115.00	$805.00	Round up from 355 LF x 0.5 feet Depth
	Saw Cutting	710	LF	$4.25	$3,017.50	Assumed 355 LF x 2 (each side of trench)
	Vaults	4	EA	$400.00	$1,600.00	4 RW
	Stone	37	tons	$30.00	$1,110.00	used 1.3 tons per CY - 365 LF x 2 ft for trench, plus 0.25 CY per wellhead (4 total).
	Fence Contractor	60	LF	$25.00	$1,500.00	Waiting on Quote - upped assumption to $25 LF
	Materials (piping, hoses, etc.	1	ea	$4,009.83	$4,009.83	From Materials take off on next sheet.
	Forklift	1	ea	$750.00	$750.00	1 day rental for system placement
	Electrician (estimated)	1	ea	$8,315.00	$0.00	Data Power Source - ($8,315.00) line item covered in cost proposal for system install
	Per Diem (3-men)	30	days	$225.00	$6,750.00	21 days + 2 days mob
	Task Subtotal				**$87,768.33**	

Jonathan Evens

From: PRM Filtration <sales@prmfiltration.com>
Sent: Wednesday, December 7, 2022 6:47 PM
To: Jonathan Evens
Subject: Invoice #D12093

PRMFiltration

DRAFT #D12093

Complete your purchase

Here is the quote on the pumps you requested. Let me know if you need anything else or have any questions on this.

Justin

Please note: Due to global volatile pricing and product availability, all prices are valid for 24 hours. Purchases completed after 24 hours from the date and time an Invoice is delivered are subject to surcharges commensurate to PRM's costs.

By clicking on the link below and completing your order, you agree to abide by our terms & conditions, and our return policy.

Complete your purchase

or Visit our store

Order summary

FAPPlusPumpZW With High Wate Shut Off × 6	**$12,432.00**
SKIMMER FOR FAPPLUS (36"TRAVEL) × 6	**$4,569.60**
2"WELLCLINCHER FOR FAPPLUS ZW × 6	**$1,080.00**
SUSPENSION CABLEKIT,1/16"NYLON COATED × 6	**$688.50**
3/8"ID BUNALINED HOSE (DISCHARGE). × 250	**$1,117.50**
1/4"OD POLYTUBING (AIR) × 250	**$160.00**
Subtotal	**$20,047.60**
Shipping	**$74.44**
Total	**$20,122.04 USD**

Customer information

Shipping address	Billing address
Jonathan Evens	Jonathan Evens
ATC Group Services LLC	ATC Group Services LLC
3240 Point Mallard Parkway Southeast	3240 Point Mallard Parkway Southeast
Suite 100	Suite 100

Decatur AL 35603

United States

Decatur AL 35603

United States

Shipping method

FedEx - Ground (Expected Delivery Mon, Dec 12)

$74.44

If you have any questions, reply to this email or contact us at sales@prmfiltration.com

PRM Filtration

200 20th Street

Butner, NC 27509

(888) 873-2848