District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NAPP2321636998
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Forty Acres Energy	OGRID: 371416
Contact Name: Alex Bolanos	Contact Telephone: 832-689-3788
Contact email: alex@faenergyus.com	Incident # *(assigned by OCD)*: nAPP2321636998
Contact mailing address: 11757 Katy FWY Suite 725, Houston, TX 77079	

Location of Release Source

Latitude: 32.510833 Longitude: -103.341361
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: State WE H Battery	Site Type: Battery
Date Release Discovered: 8/25/2022	API# *(if applicable)*: 30-025-03372

Unit Letter	Section	Township	Range	County
F	02	21 S	35E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name:* Merchant Livestock Co.)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☒ Crude Oil	Volume Released (bbls): 1 bbls	Volume Recovered (bbls): 0 bbls
☒ Produced Water	Volume Released (bbls): 7 bbls	Volume Recovered (bbls): 0 bbls
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Top of water tank overflowed.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2321636998
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

- ☒ The source of the release has been stopped.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Alex Bolanos Title: Regulatory & Production Analyst

Signature: Alex Bolanos Date: 8/5/2023

email: alex@faenergyus.com Telephone: 832-689-3788

OCD Only

Received by: Shelly Wells Date: 8/7/2023

Incident ID	NAPP2321636998
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	>100 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☒ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2321636998
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Alex Bolanos Title: REG/PROD ANALYST

Signature: Alex Bolanos Date: 12/14/23

email: alex@faenergyus.com Telephone: (832)689-3788

OCD Only

Received by: _____ Date: _____

Incident ID	NAPP2321636998
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Alex Bolanos Title: REG/PROD ANALYST

Signature: Alex Bolanos Date: 12/14/23

email: alex@faenergyus.com Telephone: (832)689-3788

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☑ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☑ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☑ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☑ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Alex Bolanos Title: REG/PROD ANALYST

Signature: Alex Bolanos Date: 12/14/23

email: alex@faenergyus.com Telephone: (832)689-3788

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Nelson Velez Date: 12/22/2023

Printed Name: Nelson Velez Title: Environmental Specialist - Adv

Environmental & Safety Solutions, Inc.

CLOSURE REQUEST REPORT

State WE H Battery

Lea County, New Mexico

Incident Number NAPP2321636998

Prepared for:

Forty Acres Energy, LLC

11757 Katy Freeway, Suite 725

Houston, TX 77079

Carlsbad ● Midland ● San Antonio ● Lubbock ● Hobbs ● Lafayette

SYNOPSIS

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Forty Acres Energy, LLC (FAE), presents the following Closure Request Report (CRR) detailing site assessment and delineation soil sampling activities associated with an inadvertent release of crude oil and produced water at the State WE H Battery (Site). Based on field observations, information provided by FAE, and review of the laboratory analytical results from recent soil sampling activities, FAE is requesting No Further Action (NFA) at the Site.

SITE LOCATION AND RELEASE BACKGROUND

The Site is located in Unit F, Section 02, Township 21 South, Range 35 East, in Lea County, New Mexico (32.510833°, -103.341361°) and is associated with oil and gas exploration and production operations on Private Land (**Figure 1** in **Appendix A)**.

On August 25, 2022, it was discovered that a water tank overflowed and released approximately 1 barrel (bbls) of crude oil and 7 bbls of produced water onto the production pad surface and into the adjacent eastern pasture. No Fluids were recovered. The New Mexico Oil Conservation Division (NMOCD) did not receive a Release Notification and Corrective Action Form C-141 (Form C-141) within 15 days of the release. As a result, FAE submitted a Form C-141 with release incident details, which was received by the NMOCD on August 5, 2023, and was subsequently assigned Incident Number NAPP2321636998. Initial response efforts by FAE included the removal of immediate soil impacts based on visual observation, totaling 84 cubic yards (CYs). FAE provided a map of the release extent which is presented as the Area of Concern (AOC) on **Figure 2** in **Appendix A**. FAE has since backfilled the excavation inside the containment with caliche in an effort to mitigate potential safety hazards by restoring the stability around active production equipment.

Etech met with the NMOCD on October 31, 2023, to discuss the previously submitted Remediation Work Plan (RWP) and to request the advancement of existing of delineation soil samples, specifically potholes PH01 and PH07 for consideration of approval and to proceed with the original RWP proposal to collect an additional horizontal delineation sample. The summary of additional field activities is described below.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

Etech characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC) considering depth to groundwater and the proximity to:

- Any continuously flowing watercourse or any other significant watercourse;
- Any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark);
- An occupied permanent residence, school, hospital, institution or church;
- A spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes;
- Any freshwater well or spring;
- Incorporated municipal boundaries or a defined municipal fresh water well field covered under a municipal ordinance;
- A wetland;
- A subsurface mine;
- An unstable area (i.e. high karst potential); and
- A 100-year floodplain.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on New Mexico Office of the State Engineer (NMOSE) permitted soil boring CP-01975-POD1 that was recently drilled by Coffey Drilling, located approximately 0.58-mile northeast of the Site. Using a truck mounted rotary drill rig equipped with hollow stem auger, the soil boring was advanced to a total depth of 160 feet bgs. No fluids were observed throughout the drilling process nor after a 72-hour observation period. The referenced well record for the soil boring is provided in **Appendix B**. The soil boring location and regional groundwater well locations are shown in **Figure 1A** in **Appendix A**.

All other potential receptors are not within the established buffers in NMAC 19.15.29.12. Receptor details and sources used for the Site characterization are included in **Figure 1B and Figure 1C** in **Appendix A**.

Based on the results from the desktop review and estimated regional depth to groundwater at the Site, the following Closure Criteria was applied:

Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria†
Chloride	Environmental Protection Agency (EPA) 300.0	20,000 milligram per kilogram (mg/kg)
TPH (Total Petroleum Hydrocarbon)	EPA 8015 M/D	2,500 mg/kg
Gasoline Range Organics (GRO) + Diesel Range Organics (DRO)	EPA 8015 M/D	1,000 mg/kg
Benzene	EPA 8021B	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA 8021B	50 mg/kg

†*The reclamation standard concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13*.

SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

From August 8, 2023, to August 25, 2023, Etech conducted site assessment and delineation activities to confirm details of the release provided on the Form C-141 and verify the presence or absence of remaining residual impacted soil within and around the AOC. Soil samples were collected from ten delineation potholes (PH01 through PH10) advanced via mechanical equipment. Delineation activities were driven by field screening soil for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. A total of two samples were collected from each delineation soil sample location, representing the highest observed field screening concentrations and the greatest depth. Field screening results and soil descriptions are included on soil sampling logs shown in **Appendix C**. The locations of the delineation soil samples are shown in **Figure 2** in **Appendix A**. Photographic documentation of delineation activities is included in **Appendix D**.

The delineation soil samples were placed directly into lab provided pre-cleaned jars, packed with minimal void space, labeled, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures, to Envirotech, Inc. (Envirotech) in Farmington, New Mexico, for analysis of COCs.

On November 17 and November 29, 2023, a third-party consultant assisted in the advancement of delineation soil samples PH01 and PH07. A minimum of two samples were collected from each delineation soil sample location. To complete the work proposed in the RWP, horizontal delineation sample PH07 was collected to supplement the horizontal periphery of the AOC. The recollected soil samples were advanced within 1 foot of the original locations. The locations of the delineation soil samples are shown in **Figure 2** in **Appendix A**. The soil samples were transported under strict chain-of-custody procedures, to Cardinal Laboratories in Hobbs, New Mexico, for analysis of COCs.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results indicated that concentrations of COCs for all delineation soil samples were below the applicable Site Closure Criteria. Laboratory analytical results are summarized in **Table 1** in **Attachment E**, and the complete laboratory reports with chain-of-custody documentation is included in **Attachment F.**

CLOSURE REQUEST

Based on the laboratory analytical results, FAE believes residual impacts associated with the inadvertent release have been delineated, excavated, and removed from the Site. Concentrations of COCs for all confirmation delineation soil samples were below the applicable Site Closure Criteria. Furthermore, the horizontal periphery of impacts has been defined via delineation soil samples. FAE believes the completed remedial actions have mitigated impacts at the Site and fulfilled requirements set forth in NMAC 19.15.29.13 regulations in order to be protective of human health, the environment and groundwater. As such, FAE respectfully requests NFA of the Incident Number NAPP2321636998 associated with this CRR.

LIMITATIONS

Etech has prepared this CRR to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents reference in the report and on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. Etech has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Etech has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

If you have any questions or comments, please do not hesitate to contact Joseph Hernandez at (281) 702-2329 or joseph@etechenv.com or Erick Herrera at (575) 200-6754 or erick@etechenv.com. **Appendix G** provides correspondence email notification receipts associated with the subject release. **Appendix H** includes the previously submitted RWP.

Sincerely,

eTECH Environmental and Safety Solutions, Inc.

Erick Herrera
Staff Geologist

Joseph S. Hernandez
Senior Managing Geologist

cc: David Schellstede, Forty Acres Energy
New Mexico Oil Conservation Division

Appendices:

Appendix A	Figure 1: Site Map
	Figure 1A: Site Characterization Map – Groundwater
	Figure 1B: Site Characterization Map – Surficial Receptors
	Figure 1C: Site Characterization Map – Karst Potential
	Figure 2: Delineation Soil Sample Locations
Appendix B	Referenced Well Records
Appendix C	Soil Sampling Logs
Appendix D	Photographic Log
Appendix E	Tables
Appendix F	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix G	NMOCD Notifications
Appendix H	Original submitted RWP

APPENDIX A

Figures

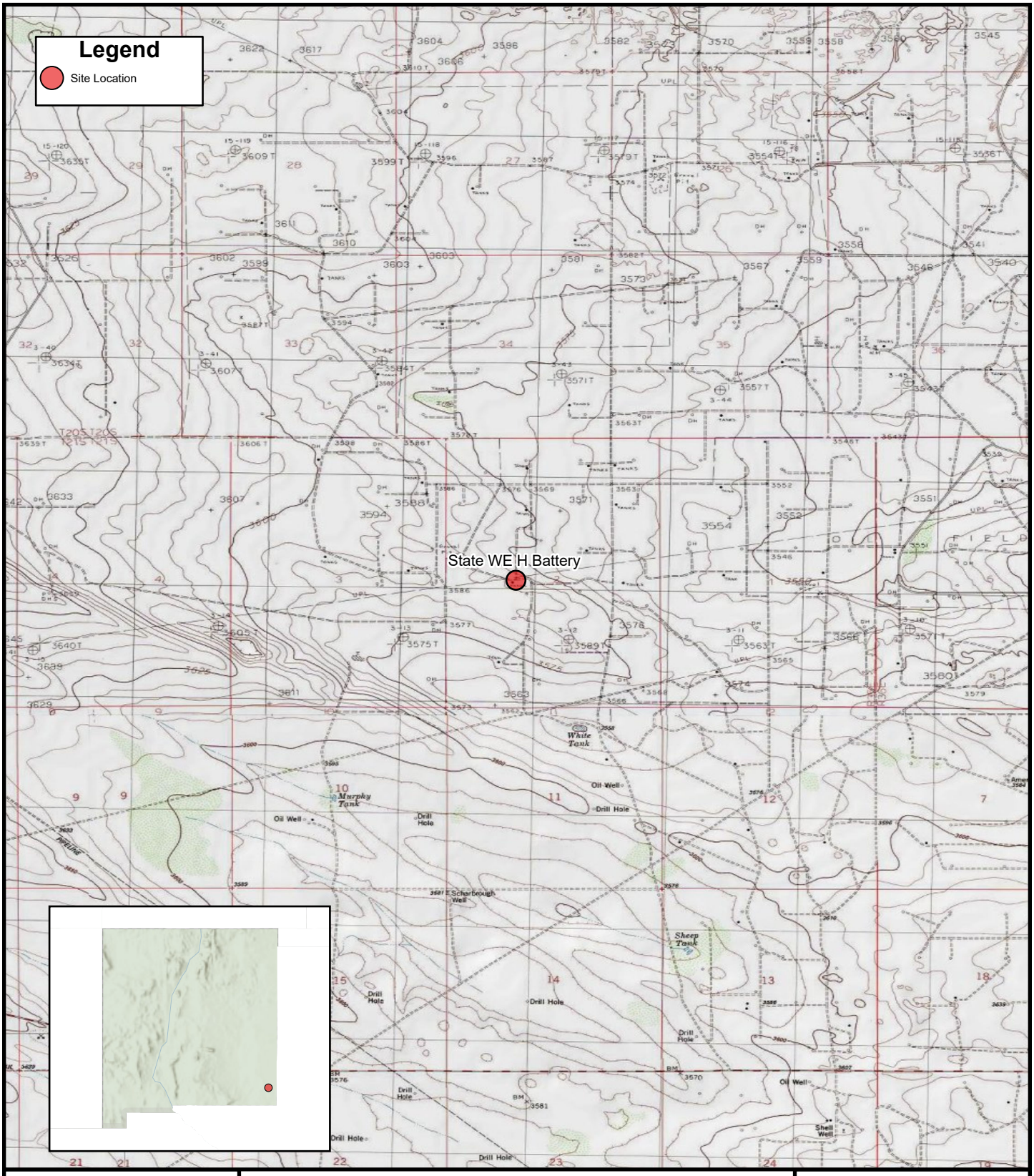


FIGURE 1

Site Location Map

Forty Acres Energy, LLC
State WE H Battery
Unit F Sec 02 T21S R35E
Lea County, New Mexico

N

0 2,000 4,000 Feet

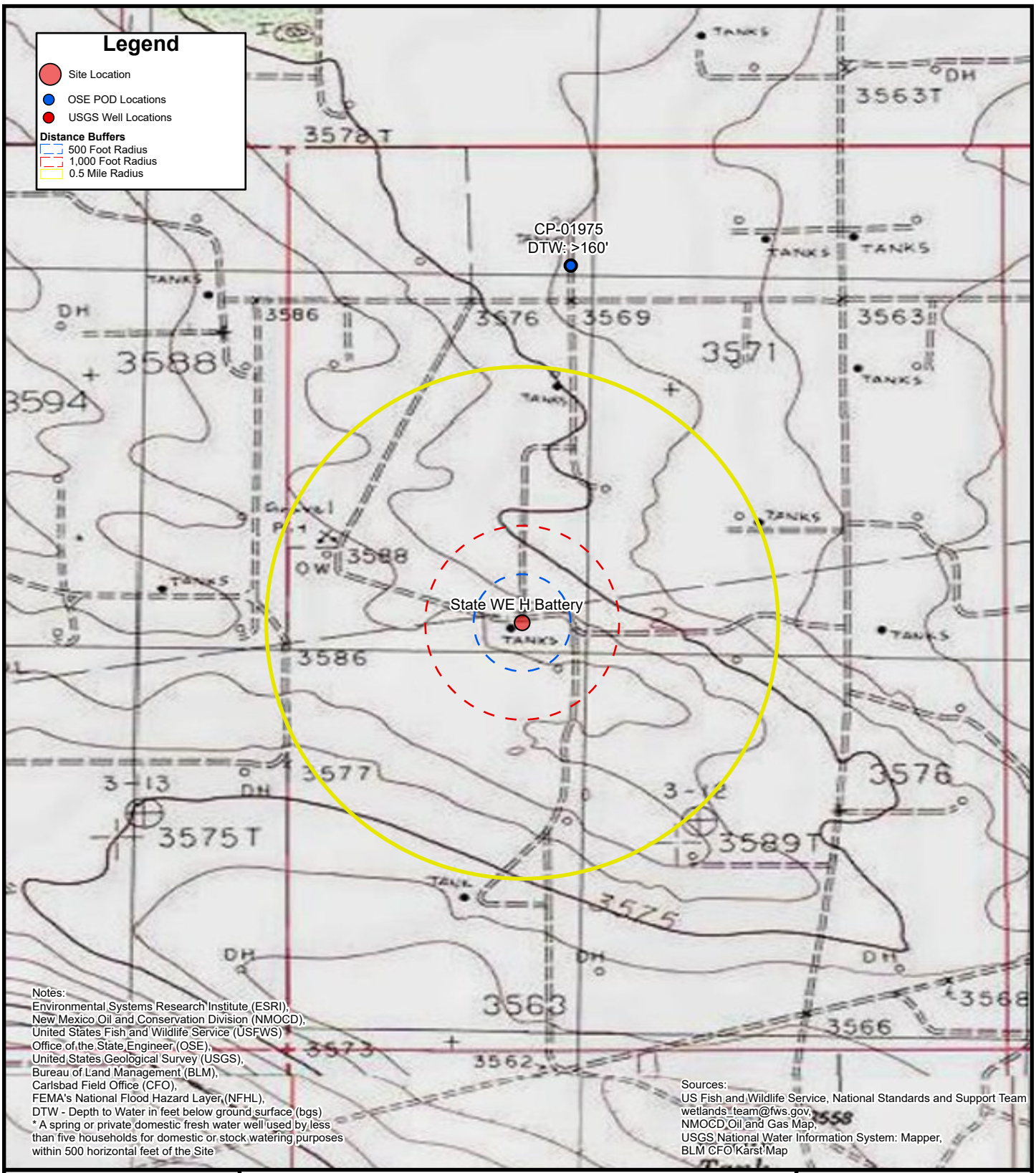
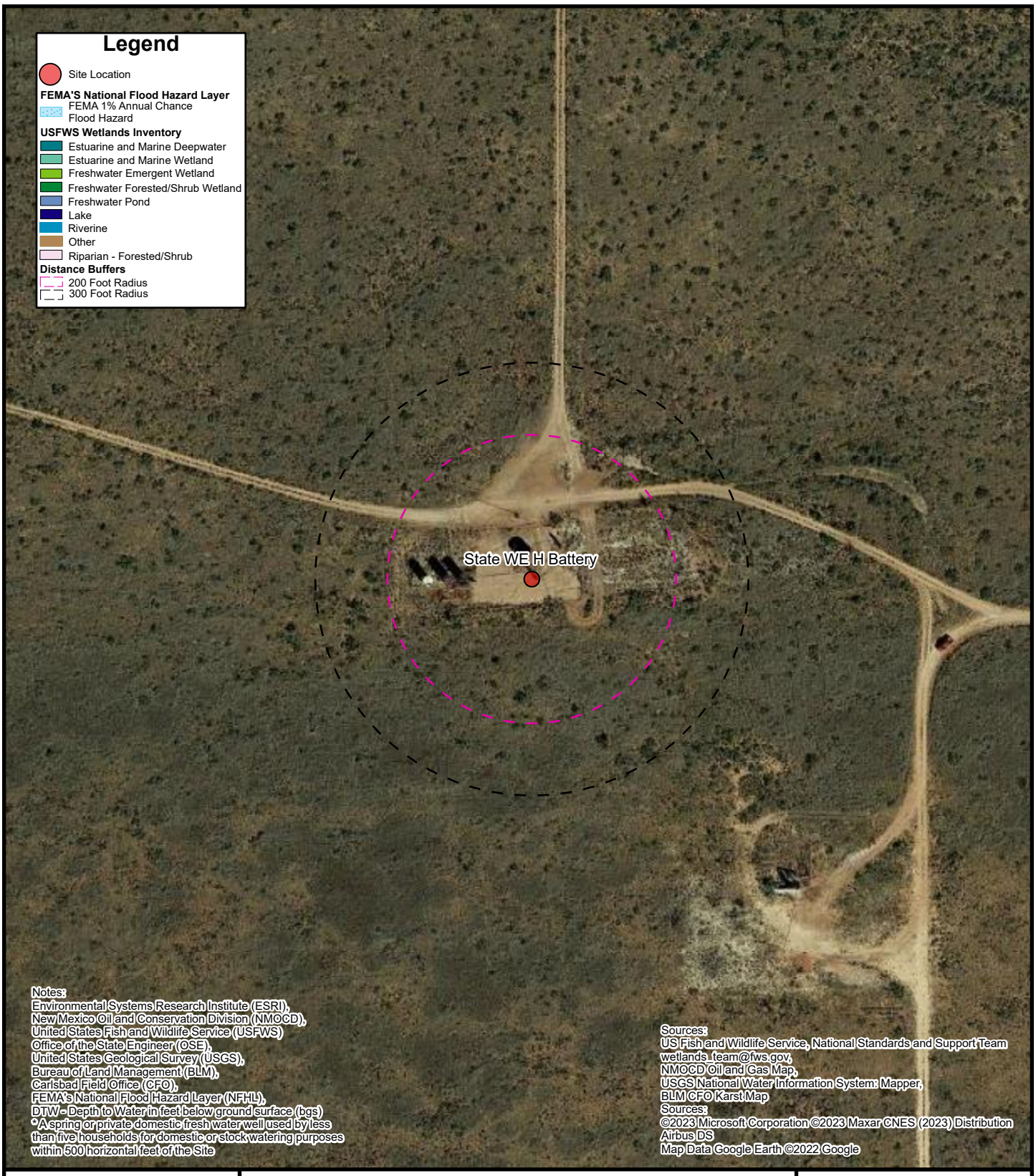


FIGURE 1A

Site Characterization Map-Groundwater

Forty Acres Energy, LLC
State WE H Battery
Unit F Sec 02 T21S R35E
Lea County, New Mexico

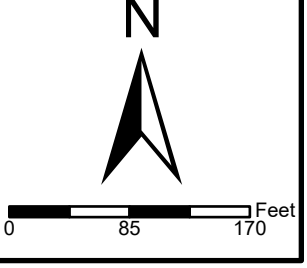


eTECH

FIGURE 1B

Site Characterization-Surficial Receptors

Forty Acres Energy, LLC
State WE H Battery
Unit F Sec 02 T21S R35E
Lea County, New Mexico

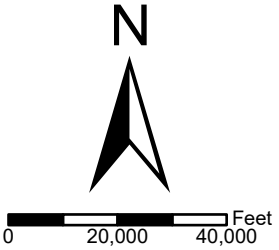


eTECH

FIGURE 1C

Site Characterization Map - Karst Potential

Forty Acres Energy, LLC
State WE H Battery
Unit F Sec 02 T21S R35E
Lea County, New Mexico



eTECH

FIGURE 2

Delineation Soil Sample Locations

Forty Acres Energy, LLC
State WE H Battery
Unit F Sec 02 T20S R36E
Lea County, New Mexico

N

0 30 60 Feet

APPENDIX B

Referenced Well Records

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD-1	213A19	CP-1975

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Clay Tom Cooper	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
Box 6	Monument	NM	88265

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	31	09.6	N
	LONGITUDE	103	20	24.7	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1839	Boyd Coffey	Coffey Drilling

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
8-24-2023	8-24-2023	160	160	NA

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED) — STATIC WATER LEVEL IN COMPLETED WELL (FT): NA

DRILLING FLUID: ☐ AIR ☑ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	20	10	PVC	bell	5	sdr 21	
20	100	8.75	PVC	bell	5	sdr 21	
100	120	8.75	PVC	bell	5	sdr 21	0.020
120	160	8.75	PVC	bell	5	sdr 21	

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20	10	3/8 Bentonite hole plug	8	Pour
20	160	8.75	3/8 pea gravel	38	Pour

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	5	5	Red Sandy Top Soil	Y ✓ N	
5	46	41	White Caliche	Y ✓ N	
46	94	48	Tan soft SandStone	Y ✓ N	
94	101	7	Red clay	Y ✓ N	
101	108	7	Course sand/gravel	Y ✓ N	
108	160	52	Red Clay	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☑ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

6. SIGNATURE

BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.

_____ _____

SIGNATURE OF DRILLER / PRINT SIGNEE NAME DATE

FOR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Version 04/30/2019)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

APPENDIX C

Soil Sampling Logs

eTECH

	Sample Name: PH01	Date: 08/25/2023
	Site Name: State WE H Battery	
	Incident Number: NAPP2321636998	
	Job Number: 18134	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates: 32.5109833, -103.341398	Hole Diameter: N/A	Total Depth: 1.5'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<112	0.3	No	PH01	0.5	0	SP	(0-0.5') SAND, dry, brown, very fine grained, poorly graded, trace of silt, no staining, no odor.
						1		
Dry	<112	0.0	No	PH01	1.5		CCHE	(1-1.5') CALICHE, dry, tan, fine to coarse grained, well graded, trace of silt, no staining, no odor.
						2		@1.5 Refusal

Total Depth

eTECH

	Sample Name: PH02	Date: 08/25/2023
	Site Name: State WE H Battery	
	Incident Number: NAPP2321636998	
	Job Number: 18134	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates: 32.5109833, -103.341398	Hole Diameter: N/A	Total Depth: 1.5'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<112	0.0	No	PH02	0.5	0	SP	(0-0.5') SAND, dry, brown, very fine grained, poorly graded, trace of silt, no staining, no odor.
						1		
Dry	<112	0.0	No	PH02	1.5		CCHE	(1-1.5') CALICHE, dry, tan, fine to coarse grained, well graded, trace of silt, no staining, no odor.
						2		@1.5 Refusal

Total Depth

eTECH

	Sample Name: PH03	Date: 08/25/2023
	Site Name: State WE H Battery	
	Incident Number: NAPP2321636998	
	Job Number: 18134	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates: 32.5109833, -103.341398	Hole Diameter: N/A	Total Depth: 1'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<112	0.0	No	PH03	0.5	0	SP	(0-0.5') SAND, dry, brown, very fine grained, poorly graded, trace of silt, no staining, no odor.
Dry	<112	0.0	No	PH03	1	1		
						Total Depth		

eTECH

	Sample Name: PH04	Date: 08/25/2023
	Site Name: State WE H Battery	
	Incident Number: NAPP2321636998	
	Job Number: 18134	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates: 32.5109833, -103.341398	Hole Diameter: N/A	Total Depth: 1'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<112	0.0	No	PH04	0.5	0	SP	(0-0.5') SAND, dry, brown, very fine grained, poorly graded, trace of silt, no staining, no odor.
Dry	<112	0.0	No	PH04	1	1		

Total Depth

eTECH

	Sample Name: PH05	Date: 08/25/2023
	Site Name: State WE H Battery	
	Incident Number: NAPP2321636998	
	Job Number: 18134	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates: 32.5109833, -103.341398	Hole Diameter: N/A	Total Depth: 1'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<112	0.0	No	PH05	0.5	0	SP	(0-0.5') SAND, dry, brown, very fine grained, poorly graded, trace of silt, no staining, no odor.
Dry	<112	0.0	No	PH05	1	1		
						Total Depth		

eTECH

	Sample Name: PH06	Date: 08/25/2023
	Site Name: State WE H Battery	
	Incident Number: NAPP2321636998	
	Job Number: 18134	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates: 32.5109833, -103.341398	Hole Diameter: N/A	Total Depth: 1'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0		
Dry	<112	0.0	No	PH06	0.5		SP	(0-0.5') SAND, dry, brown, very fine grained, poorly graded, trace of silt, no staining, no odor.
Dry	<112	0.0	No	PH06	1	1	CCHE	(0.5-1') CALICHE, dry, tan, fine to coarse grained, well graded, trace of silt, no staining, no odor.
						Total Depth		

eTECH

	Sample Name: PH07	Date: 08/25/2023
	Site Name: State WE H Battery	
	Incident Number: NAPP2321636998	
	Job Number: 18134	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates: 32.5109833, -103.341398	Hole Diameter: N/A	Total Depth: 1'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	300	0.0	No	PH07	0.5	0	SP	(0-0.5') SAND, dry, brown, very fine grained, poorly graded, trace of silt, no staining, no odor.
Dry	180	0.0	No	PH07	1	1	CCHE	(0.5-1') CALICHE, dry, tan, fine to coarse grained, well graded, trace of silt, no staining, no odor.
						Total Depth		

eTECH

	Sample Name: PH08	Date: 08/25/2023
	Site Name: State WE H Battery	
	Incident Number: NAPP2321636998	
	Job Number: 18134	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates: 32.5109833, -103.341398	Hole Diameter: N/A	Total Depth: 1'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	236	0.0	No	PH08	0.5	0	SP	(0-0.5') SAND, dry, brown, very fine grained, poorly graded, trace of silt, no staining, no odor.
Dry	208	0.0	No	PH08	1	1	CCHE	(0.5-1') CALICHE, dry, tan, fine to coarse grained, well graded, trace of silt, no staining, no odor.
						Total Depth		

eTECH

	Sample Name: PH09	Date: 08/25/2023
	Site Name: State WE H Battery	
	Incident Number: NAPP2321636998	
	Job Number: 18134	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates: 32.5109833, -103.341398	Hole Diameter: N/A	Total Depth: 1'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<112	0.0	No	PH09	0.5	0	SP	(0-0.5') SAND, dry, brown, very fine grained, poorly graded, trace of silt, no staining, no odor.
Dry	<112	0.0	No	PH09	1	1	CCHE	(0.5-1') CALICHE, dry, tan, fine to coarse grained, well graded, trace of silt, no staining, no odor.
						Total Depth		

eTECH

	Sample Name: PH10	Date: 08/25/2023
	Site Name: State WE H Battery	
	Incident Number: NAPP2321636998	
	Job Number: 18134	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates: 32.5109833, -103.341398	Hole Diameter: N/A	Total Depth: 1.5'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	372	0.0	No	PH10	0.5	0	SP	(0-0.5') SAND, dry, brown, very fine grained, poorly graded, trace of silt, no staining, no odor.
						1	CCHE	(0.5-1.5') CALICHE, dry, tan, fine to coarse grained, well graded, trace of silt, no staining, no odor.
Dry	208	0.0	No	PH10	1.5			
						2		

Total Depth

APPENDIX D

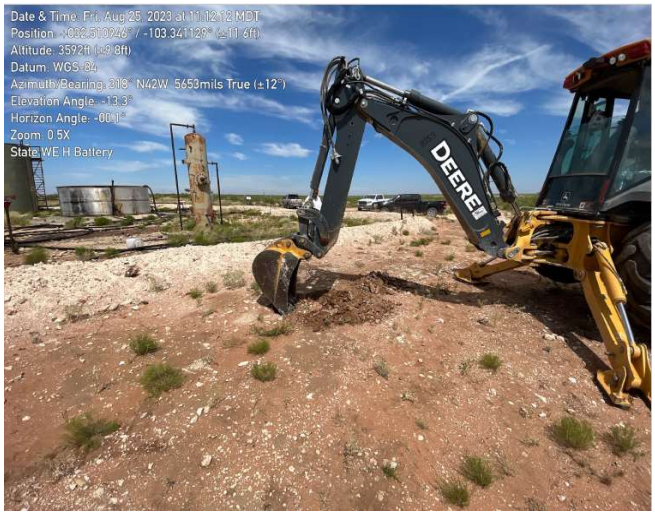
Photographic Log

PHOTOGRAPHIC LOG
Forty Acres Energy, LLC
State WE H Battery
Incident Number NAPP2321636998

Photograph 1 **Date: 08/08/2023**
Description: Southeastern view of Site assessment activities.

Photograph 2 **Date: 08/25/2023**
Description: Southeastern view of delineation activities.

Photograph 3 **Date: 08/25/2023**
Description: Northwestern view of delineation activities.



Photograph 4 **Date: 08/25/2023**
Description: Northwestern view of delineation activities.

APPENDIX E

Tables

eTECH

Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Forty Acres Energy, LLC
State WE H Battery
Lea County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples - Incident Number nAPP2321636998										
PH01	08/25/2023	0.5	<0.0250	<0.0500	<20.0	143	<250	143	143	73.7
PH01	08/25/2023	1.5	<0.0250	<0.0500	<20.0	136	235	371	371	71.9
PH01	11/17/2023	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
PH01	11/17/2023	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
PH02	08/25/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	39.6
PH02	08/25/2023	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	37.7
PH03	08/25/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
PH03	08/25/2023	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
PH04	08/25/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
PH04	08/25/2023	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
PH05	08/25/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
PH05	08/25/2023	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
PH06	08/25/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
PH06	08/25/2023	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
PH07	08/25/2023	0.5	<0.0250	<0.0500	<20.0	111	180	291	291	139
PH07	08/25/2023	1	<0.0250	<0.0500	<20.0	124	211	335	335	47.0
PH07	11/20/2023	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192.0
PH07	11/17/2023	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208.0
PH08	08/25/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	222
PH08	08/25/2023	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	41.6

eTECH

Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Forty Acres Energy, LLC
State WE H Battery
Lea County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			**10**	**50**	**NE**	**NE**	**NE**	**1,000**	**2,500**	**20,000**
PH09	08/25/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
PH09	08/25/2023	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
PH10	08/25/2023	0.5	<0.0250	0.0594	<20.0	<25.0	<50.0	<50.0	<50.0	412
PH10	08/25/2023	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	210
PH07	11/17/2023	0.5-1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
PH07	11/29/2023	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32

Notes:
bgs: below ground surface
mg/kg: milligrams per kilogram
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics
TPH: Total Petroleum Hydrocarbon
NMOCD: New Mexico Oil Conservation Division
NMAC: New Mexico Administrative Code
Text in "grey" represents excavated soil samples
*Concentrations in **bold** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard for Soils Impacted by a Release*

APPENDIX F

Laboratory Analytical Reports & Chain-of-Custody Documentation

P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213

Report to:

Erick Herrera

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Forty Acres Energy, LLC

Project Name:	State WE H Battery
Work Order:	E308205
Job Number:	23007-0001
Received:	8/28/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/1/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/1/23

Erick Herrera
13000 W County RD 100
Odessa, TX 79765

Project Name: State WE H Battery
Workorder: E308205
Date Received: 8/28/2023 9:55:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/28/2023 9:55:00AM, under the Project Name: State WE H Battery.

The analytical test results summarized in this report with the Project Name: State WE H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
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ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Table of Contents (continued)

Sample Summary

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	09/01/23 13:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH01 0.5'	E308205-01A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH01 1.5'	E308205-02A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH02 0.5'	E308205-03A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH02 1.5'	E308205-04A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH03 0.5'	E308205-05A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH03 1'	E308205-06A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH04 0.5'	E308205-07A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH04 1'	E308205-08A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH05 0.5'	E308205-09A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH05 1'	E308205-10A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH06 0.5'	E308205-11A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH06 1'	E308205-12A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH07 0.5'	E308205-13A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH07 1'	E308205-14A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH01 0.5'

E308205-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.8 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.4 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	**143**	125	5	08/30/23	08/31/23	
Oil Range Organics (C28-C36)	ND	250	5	08/30/23	08/31/23	
Surrogate: n-Nonane		*109 %*	*50-200*	*08/30/23*	*08/31/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	**73.7**	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH01 1.5'

E308205-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*90.9 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.0 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	**136**	50.0	2	08/30/23	08/31/23	
Oil Range Organics (C28-C36)	**235**	100	2	08/30/23	08/31/23	
Surrogate: n-Nonane		*107 %*	*50-200*	*08/30/23*	*08/31/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	**71.9**	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH02 0.5'

E308205-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.4 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.2 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	09/01/23	
Surrogate: n-Nonane		*95.9 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	**39.6**	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH02 1.5'

E308205-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.6 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.4 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	09/01/23	
Surrogate: n-Nonane		*96.6 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	**37.7**	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH03 0.5'

E308205-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.7 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.3 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	09/01/23	
Surrogate: n-Nonane		*94.9 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH03 1'

E308205-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.7 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.6 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	09/01/23	
Surrogate: n-Nonane		*95.0 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH04 0.5'

E308205-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.7 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.7 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	09/01/23	
Surrogate: n-Nonane		*97.2 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH04 1'

E308205-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.9 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.6 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	09/01/23	
Surrogate: n-Nonane		*93.5 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH05 0.5'

E308205-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.1 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.3 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	09/01/23	
Surrogate: n-Nonane		*95.8 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH05 1'

E308205-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.2 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.6 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	09/01/23	
Surrogate: n-Nonane		*93.0 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH06 0.5'

E308205-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.6 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.0 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	09/01/23	
Surrogate: n-Nonane		*92.3 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH06 1'

E308205-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.3 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.1 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	09/01/23	
Surrogate: n-Nonane		*92.7 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH07 0.5'

E308205-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.7 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.7 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	**111**	50.0	2	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	**180**	100	2	08/30/23	09/01/23	
Surrogate: n-Nonane		*110 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	**139**	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH07 1'

E308205-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.7 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.1 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	**124**	50.0	2	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	**211**	100	2	08/30/23	09/01/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	**47.0**	20.0	1	08/29/23	08/31/23	

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335026-BLK1)									Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.41*		*8.00*		*92.6*	*70-130*			
LCS (2335026-BS1)									Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.28	0.0250	5.00		85.7	70-130			
Ethylbenzene	4.52	0.0250	5.00		90.4	70-130			
Toluene	4.56	0.0250	5.00		91.1	70-130			
o-Xylene	4.67	0.0250	5.00		93.4	70-130			
p,m-Xylene	9.35	0.0500	10.0		93.5	70-130			
Total Xylenes	14.0	0.0250	15.0		93.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.51*		*8.00*		*93.9*	*70-130*			
Matrix Spike (2335026-MS1)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.76	0.0250	5.00	ND	95.2	54-133			
Ethylbenzene	4.98	0.0250	5.00	ND	99.6	61-133			
Toluene	5.04	0.0250	5.00	ND	101	61-130			
o-Xylene	5.13	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.40*		*8.00*		*92.5*	*70-130*			
Matrix Spike Dup (2335026-MSD1)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.49	0.0250	5.00	ND	89.7	54-133	5.90	20	
Ethylbenzene	4.70	0.0250	5.00	ND	93.9	61-133	5.81	20	
Toluene	4.75	0.0250	5.00	ND	95.1	61-130	5.90	20	
o-Xylene	4.84	0.0250	5.00	ND	96.7	63-131	5.86	20	
p,m-Xylene	9.68	0.0500	10.0	ND	96.8	63-131	5.88	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.8	63-131	5.88	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.37*		*8.00*		*92.1*	*70-130*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335026-BLK1)									Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.88*		*8.00*		*86.0*	*70-130*			
LCS (2335026-BS2)									Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	37.5	20.0	50.0		74.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.94*		*8.00*		*86.8*	*70-130*			
Matrix Spike (2335026-MS2)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	39.4	20.0	50.0	ND	78.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.82*		*8.00*		*85.2*	*70-130*			
Matrix Spike Dup (2335026-MSD2)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	82.0	70-130	4.08	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.75*		*8.00*		*84.4*	*70-130*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335066-BLK1)									Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.9*		*50.0*		*91.8*	*50-200*			
LCS (2335066-BS1)									Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	234	25.0	250		93.5	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.4*	*50-200*			
Matrix Spike (2335066-MS1)				**Source: E308201-01**					Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	215	25.0	250	ND	86.0	38-132			
Surrogate: n-Nonane	*41.7*		*50.0*		*83.3*	*50-200*			
Matrix Spike Dup (2335066-MSD1)				**Source: E308201-01**					Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.9	38-132	12.0	20	
Surrogate: n-Nonane	*44.5*		*50.0*		*88.9*	*50-200*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335037-BLK1)									Prepared: 08/29/23 Analyzed: 08/30/23
Chloride	ND	20.0							
LCS (2335037-BS1)									Prepared: 08/29/23 Analyzed: 08/30/23
Chloride	237	20.0	250		94.9	90-110			
Matrix Spike (2335037-MS1)				**Source: E308201-01**					Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	616	20.0	250	585	12.3	80-120			M2
Matrix Spike Dup (2335037-MSD1)				**Source: E308201-01**					Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	736	20.0	250	585	60.3	80-120	17.8	20	M2

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	09/01/23 13:56

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 2

Client: Forty Acres Energy, LLC.	Bill To	Lab Use Only
Project: State WE H Battery	Attention: eTech Environmental & Safety Solution, Inc.	Lab WO# E308205
Project Manager: Erick Herrera	Address: 13000 W County Rd 100	Job Number 2300710001
Address: 13000 W County Rd 100	City, State, Zip_Odessa,TX, 79765	
City, State, Zip_Odessa,TX, 79765	Phone: (432)563-2200	
Phone: (281)777-4152	Email:	
Email: erick@etechenv.com, joseph@etechenv.com	WO: N/A	
Collected by: Edyte Konan	Incident ID: naPP2321636998	

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			5 day TAT		
					RCRA

State: NM | CO | UT | AZ | TX

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM		GDOC TX		Remarks
10:00	8/25/2023	S	1	PH01	1	0.5'								X				
10:10	8/25/2023	S	1	PH01	2	1.5'								X				
10:20	8/25/2023	S	1	PH02	3	0.5'								X				
10:30	8/25/2023	S	1	PH02	4	1.5'								X				
10:40	8/25/2023	S	1	PH03	5	0.5'								X				
10:50	8/25/2023	S	1	PH03	6	1'								X				
11:00	8/25/2023	S	1	PH04	7	0.5'								X				
11:10	8/25/2023	S	1	PH04	8	1'								X				
11:20	8/25/2023	S	1	PH05	9	0.5'								X				
11:30	8/25/2023	S	1	PH05	10	1'								X				

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	08/25/23	15:00	Michelle Gonzales	08-25-23	1500
Michelle Gonzales	08-25-23	1700	[signature]	8/28/23	9:55

Lab Use Only
Received on ice: (Y) N
T1 _____ T2 _____ T3 _____
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note. Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Project Information

Chain of Custody

Client: Forty Acres Energy, LLC.	
Project: State WE H Battery	
Project Manager: Erick Herrera	
Address: 13000 W County Rd 100	
City, State, Zip_Odessa,TX, 79765	
Phone: (281)777-4152	
Email: erick@etechenv.com, joseph@etechenv.com	
Collected by: Edyte Konan	

Bill To	
Attention:eTech Enviromental & Safety Solution, Inc.	
Address: 13000 W County Rd 100	
City, State, Zip_Odessa,TX, 79765	
Phone: (432)563-2200	
Email:	
WO: N/A	
Incident ID: naPP2321636998	

Lab Use Only: Lab WO# E308205 | Job Number 23007-0001

TAT: 1D | 2D | 3D | Standard: 5 day TAT

EPA Program: CWA | SDWA | RCRA

State: NM | CO | UT | AZ | TX

Analysis and Method: Depth(ft.) | TPH GRO/DRO/ORO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | GDOC TX

Time Sampled	Date Sampled	Matrix	No of Containers	Sample ID	Lab Number	Depth(ft.)	BGDOC NM	GDOC TX	Remarks
11:40	8/25/2023	S	1	PH06	11	0.5'	X		
11:50	8/25/2023	S	1	PH06	12	1'	X		
12:00	8/25/2023	S	1	PH07	13	0.5'	X		
12:10	8/25/2023	S	1	PH07	14	1'	X		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	08/25/23	15:00	Michelle Gonzales	08-25-23	1500
Michelle Gonzales	08-25-23	1700	[signature]	8/28/23	9:55
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Envirotech Analytical Laboratory

Printed: 8/28/2023 12:40:25PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Forty Acres Energy, LLC	Date Received:	08/28/23 09:55	Work Order ID:	E308205
Phone:	(281) 777-4152	Date Logged In:	08/28/23 10:11	Logged In By:	Caitlin Mars
Email:	erick@etechenv.com	Due Date:	09/01/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Erick Herrera

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Forty Acres Energy, LLC

Project Name:	State WE H Battery
Work Order:	E308207
Job Number:	23007-0001
Received:	8/28/2023

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/10/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 10/10/23

Erick Herrera
13000 W County RD 100
Odessa, TX 79765

Project Name: State WE H Battery
Workorder: E308207
Date Received: 8/28/2023 9:55:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/28/2023 9:55:00AM, under the Project Name: State WE H Battery.

The analytical test results summarized in this report with the Project Name: State WE H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/23 13:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH08 0.5'	E308207-01A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH08 1'	E308207-02A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 1:01:41PM

PH08 0.5'

E308207-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.6 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.6 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	08/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	08/31/23	
Surrogate: n-Nonane		*97.5 %*	*50-200*	*08/30/23*	*08/31/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	**222**	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 1:01:41PM

PH08 1'

E308207-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.1 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.2 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	08/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	08/31/23	
Surrogate: n-Nonane		*94.7 %*	*50-200*	*08/30/23*	*08/31/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	**41.6**	20.0	1	08/29/23	08/31/23	

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 1:01:41PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335026-BLK1)									Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.41*		*8.00*		*92.6*	*70-130*			
LCS (2335026-BS1)									Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.28	0.0250	5.00		85.7	70-130			
Ethylbenzene	4.52	0.0250	5.00		90.4	70-130			
Toluene	4.56	0.0250	5.00		91.1	70-130			
o-Xylene	4.67	0.0250	5.00		93.4	70-130			
p,m-Xylene	9.35	0.0500	10.0		93.5	70-130			
Total Xylenes	14.0	0.0250	15.0		93.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.51*		*8.00*		*93.9*	*70-130*			
Matrix Spike (2335026-MS1)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.76	0.0250	5.00	ND	95.2	54-133			
Ethylbenzene	4.98	0.0250	5.00	ND	99.6	61-133			
Toluene	5.04	0.0250	5.00	ND	101	61-130			
o-Xylene	5.13	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.40*		*8.00*		*92.5*	*70-130*			
Matrix Spike Dup (2335026-MSD1)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.49	0.0250	5.00	ND	89.7	54-133	5.90	20	
Ethylbenzene	4.70	0.0250	5.00	ND	93.9	61-133	5.81	20	
Toluene	4.75	0.0250	5.00	ND	95.1	61-130	5.90	20	
o-Xylene	4.84	0.0250	5.00	ND	96.7	63-131	5.86	20	
p,m-Xylene	9.68	0.0500	10.0	ND	96.8	63-131	5.88	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.8	63-131	5.88	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.37*		*8.00*		*92.1*	*70-130*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 1:01:41PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335026-BLK1)									Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.88*		*8.00*		*86.0*	*70-130*			
LCS (2335026-BS2)									Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	37.5	20.0	50.0		74.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.94*		*8.00*		*86.8*	*70-130*			
Matrix Spike (2335026-MS2)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	39.4	20.0	50.0	ND	78.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.82*		*8.00*		*85.2*	*70-130*			
Matrix Spike Dup (2335026-MSD2)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	82.0	70-130	4.08	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.75*		*8.00*		*84.4*	*70-130*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 1:01:41PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335066-BLK1)									Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.9*		*50.0*		*91.8*	*50-200*			
LCS (2335066-BS1)									Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	234	25.0	250		93.5	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.4*	*50-200*			
Matrix Spike (2335066-MS1)				**Source: E308201-01**					Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	215	25.0	250	ND	86.0	38-132			
Surrogate: n-Nonane	*41.7*		*50.0*		*83.3*	*50-200*			
Matrix Spike Dup (2335066-MSD1)				**Source: E308201-01**					Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.9	38-132	12.0	20	
Surrogate: n-Nonane	*44.5*		*50.0*		*88.9*	*50-200*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 1:01:41PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335037-BLK1)									Prepared: 08/29/23 Analyzed: 08/30/23
Chloride	ND	20.0							
LCS (2335037-BS1)									Prepared: 08/29/23 Analyzed: 08/30/23
Chloride	237	20.0	250		94.9	90-110			
Matrix Spike (2335037-MS1)				**Source: E308201-01**					Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	616	20.0	250	585	12.3	80-120			M2
Matrix Spike Dup (2335037-MSD1)				**Source: E308201-01**					Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	736	20.0	250	585	60.3	80-120	17.8	20	M2

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/23 13:01

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 1

Client: Forty Acres Energy, LLC.	Bill To	Lab Use Only
Project: State WE H Battery	Attention: eTech Environmental & Safety Solution, Inc.	Lab WO# E308207 Job Number 23007E0001
Project Manager: Erick Herrera	Address: 13000 W County Rd 100	
Address: 13000 W County Rd 100	City, State, Zip_Odessa,TX, 79765	
City, State, Zip_Odessa,TX, 79765	Phone: (432)563-2200	
Phone: (281)777-4152	Email:	
Email: erick@etechenv.com, joseph@etechenv.com	WO: N/A	
Collected by: Edyte Konan	Incident ID: naPP2321636998	

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			5 day TAT		
					RCRA

State: NM | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM		GDOC TX		Remarks
12:20	8/25/2023	S	1	PH08	1	0.5'								X				
12:30	8/25/2023	S	1	PH08	2	1.5'								X				

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	08/25/23	15:00	Michelle Gonzales	08-25-23	1500
Michelle Gonzales	08-25-23	1700	[signature]	8/28/23	9:55

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 8/28/2023 12:56:22PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Forty Acres Energy, LLC	Date Received:	08/28/23 09:55	Work Order ID:	E308207
Phone:	(281) 777-4152	Date Logged In:	08/28/23 10:14	Logged In By:	Caitlin Mars
Email:	erick@etechenv.com	Due Date:	09/01/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Project Information

Chain of Custody

Client: Forty Acres Energy, LLC.	
Project: State WE H Battery	
Project Manager: Erick Herrera	
Address: 13000 W County Rd 100	
City, State, Zip_Odessa,TX, 79765	
Phone: (281)777-4152	
Email: erick@etechenv.com, joseph@etechenv.com	
Collected by: Edyte Konan	

Bill To	
Attention: eTech Enviromental & Safety Solution, Inc.	
Address: 13000 W County Rd 100	
City, State, Zip_Odessa,TX, 79765	
Phone: (432)563-2200	
Email:	
WO: N/A	
Incident ID: naPP2321636998	

Lab Use Only		TAT				EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
E308207	23007G0001				5 day TAT		
							RCRA

State: NM | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	Remarks
12:20	8/25/2023	S	1	PH08	1	0.5'						X		Corrected Sample name on Sample # 2 Per Client. 10/10/23 CM
12:30	8/25/2023	S	1	PH08 1'	2	~~1.5'~~						X		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: _____

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	08/25/23	15:00	Michelle Gonzales	08-25-23	1500
Michelle Gonzales	08-25-23	1700	[signature]	8/28/23	9:55
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Report to:

Erick Herrera

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Forty Acres Energy, LLC

Project Name:	State WE H Battery
Work Order:	E308206
Job Number:	23007-0001
Received:	8/28/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/1/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/1/23

Erick Herrera
13000 W County RD 100
Odessa, TX 79765

Project Name: State WE H Battery
Workorder: E308206
Date Received: 8/28/2023 9:55:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/28/2023 9:55:00AM, under the Project Name: State WE H Battery.

The analytical test results summarized in this report with the Project Name: State WE H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	09/01/23 13:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH09 0.5'	E308206-01A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH09 1'	E308206-02A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:53:44PM

PH09 0.5'

E308206-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.3 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.3 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	08/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	08/31/23	
Surrogate: n-Nonane		*95.7 %*	*50-200*	*08/30/23*	*08/31/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:53:44PM

PH09 1'

E308206-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.9 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.8 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	08/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	08/31/23	
Surrogate: n-Nonane		*96.0 %*	*50-200*	*08/30/23*	*08/31/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	ND	20.0	1	08/29/23	08/31/23	

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:53:44PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335026-BLK1)									Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.41*		*8.00*		*92.6*	*70-130*			
LCS (2335026-BS1)									Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.28	0.0250	5.00		85.7	70-130			
Ethylbenzene	4.52	0.0250	5.00		90.4	70-130			
Toluene	4.56	0.0250	5.00		91.1	70-130			
o-Xylene	4.67	0.0250	5.00		93.4	70-130			
p,m-Xylene	9.35	0.0500	10.0		93.5	70-130			
Total Xylenes	14.0	0.0250	15.0		93.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.51*		*8.00*		*93.9*	*70-130*			
Matrix Spike (2335026-MS1)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.76	0.0250	5.00	ND	95.2	54-133			
Ethylbenzene	4.98	0.0250	5.00	ND	99.6	61-133			
Toluene	5.04	0.0250	5.00	ND	101	61-130			
o-Xylene	5.13	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.40*		*8.00*		*92.5*	*70-130*			
Matrix Spike Dup (2335026-MSD1)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.49	0.0250	5.00	ND	89.7	54-133	5.90	20	
Ethylbenzene	4.70	0.0250	5.00	ND	93.9	61-133	5.81	20	
Toluene	4.75	0.0250	5.00	ND	95.1	61-130	5.90	20	
o-Xylene	4.84	0.0250	5.00	ND	96.7	63-131	5.86	20	
p,m-Xylene	9.68	0.0500	10.0	ND	96.8	63-131	5.88	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.8	63-131	5.88	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.37*		*8.00*		*92.1*	*70-130*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:53:44PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335026-BLK1)									Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.88*		*8.00*		*86.0*	*70-130*			
LCS (2335026-BS2)									Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	37.5	20.0	50.0		74.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.94*		*8.00*		*86.8*	*70-130*			
Matrix Spike (2335026-MS2)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	39.4	20.0	50.0	ND	78.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.82*		*8.00*		*85.2*	*70-130*			
Matrix Spike Dup (2335026-MSD2)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	82.0	70-130	4.08	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.75*		*8.00*		*84.4*	*70-130*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:53:44PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335066-BLK1)									Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.9*		*50.0*		*91.8*	*50-200*			
LCS (2335066-BS1)									Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	234	25.0	250		93.5	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.4*	*50-200*			
Matrix Spike (2335066-MS1)				**Source: E308201-01**					Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	215	25.0	250	ND	86.0	38-132			
Surrogate: n-Nonane	*41.7*		*50.0*		*83.3*	*50-200*			
Matrix Spike Dup (2335066-MSD1)				**Source: E308201-01**					Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.9	38-132	12.0	20	
Surrogate: n-Nonane	*44.5*		*50.0*		*88.9*	*50-200*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:53:44PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335037-BLK1)									Prepared: 08/29/23 Analyzed: 08/30/23
Chloride	ND	20.0							
LCS (2335037-BS1)									Prepared: 08/29/23 Analyzed: 08/30/23
Chloride	237	20.0	250		94.9	90-110			
Matrix Spike (2335037-MS1)				**Source: E308201-01**					Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	616	20.0	250	585	12.3	80-120			M2
Matrix Spike Dup (2335037-MSD1)				**Source: E308201-01**					Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	736	20.0	250	585	60.3	80-120	17.8	20	M2

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	09/01/23 13:53

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information

Chain of Custody

Client: Forty Acres Energy, LLC.	Bill To	Lab Use Only	TAT	EPA Program
Project: State WE H Battery	Attention: eTech Enviromental & Safety Solution, Inc.	Lab WO# E308206 / Job Number 23007000	1D / 2D / 3D / Standard: 5 day TAT	CWA / SDWA
Project Manager: Erick Herrera	Address: 13000 W County Rd 100			RCRA
Address: 13000 W County Rd 100	City, State, Zip_Odessa,TX, 79765	Analysis and Method		State: NM / CO / UT / AZ / TX
City, State, Zip_Odessa,TX, 79765	Phone: (432)563-2200			
Phone: (281)777-4152	Email:			
Email: erick@etechenv.com, joseph@etechenv.com	WO: N/A			
Collected by: Edyte Konan	Incident ID: naPP2321636998			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM		GDOC TX		Remarks
12:40	8/25/2023	S	1	PH09	1	0.5'								X				
12:50	8/25/2023	S	1	PH09	2	1'								X				

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	08/25/23	15800	Michelle Gonzales	08-25-23	1500
Michelle Gonzales	08-25-23	1700	[signature]	8/28/23	9:55

Lab Use Only

Received on Ice: (Y) / N

T1 ______ T2 ______ T3 ______

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ______

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 8/28/2023 12:51:27PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Forty Acres Energy, LLC	Date Received:	08/28/23 09:55	Work Order ID:	E308206
Phone:	(281) 777-4152	Date Logged In:	08/28/23 10:13	Logged In By:	Caitlin Mars
Email:	erick@etechenv.com	Due Date:	09/01/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Erick Herrera

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Forty Acres Energy, LLC

Project Name:	State WE H Battery
Work Order:	E308208
Job Number:	23007-0001
Received:	8/28/2023

Revision: 4

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/10/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 10/10/23

Erick Herrera
13000 W County RD 100
Odessa, TX 79765

Project Name: State WE H Battery
Workorder: E308208
Date Received: 8/28/2023 9:55:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/28/2023 9:55:00AM, under the Project Name: State WE H Battery.

The analytical test results summarized in this report with the Project Name: State WE H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
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Office: 505-632-1881
labadmin@envirotech-inc.com

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ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/23 12:57

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH10 0.5'	E308208-01A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH10 1.5'	E308208-02A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 12:57:46PM

PH10 0.5'

E308208-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	**0.0594**	0.0500	1	08/28/23	08/30/23	
Total Xylenes	**0.0594**	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.3 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.0 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335061
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	08/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	08/30/23	
Surrogate: n-Nonane		*93.9 %*	*50-200*	*08/30/23*	*08/30/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335039
Chloride	**412**	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 12:57:46PM

PH10 1.5'

E308208-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.5 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335061
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	08/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	08/30/23	
Surrogate: n-Nonane		*89.3 %*	*50-200*	*08/30/23*	*08/30/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335039
Chloride	**210**	20.0	1	08/29/23	08/31/23	

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 12:57:46PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335026-BLK1)									Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.41*		*8.00*		*92.6*	*70-130*			
LCS (2335026-BS1)									Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.28	0.0250	5.00		85.7	70-130			
Ethylbenzene	4.52	0.0250	5.00		90.4	70-130			
Toluene	4.56	0.0250	5.00		91.1	70-130			
o-Xylene	4.67	0.0250	5.00		93.4	70-130			
p,m-Xylene	9.35	0.0500	10.0		93.5	70-130			
Total Xylenes	14.0	0.0250	15.0		93.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.51*		*8.00*		*93.9*	*70-130*			
Matrix Spike (2335026-MS1)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.76	0.0250	5.00	ND	95.2	54-133			
Ethylbenzene	4.98	0.0250	5.00	ND	99.6	61-133			
Toluene	5.04	0.0250	5.00	ND	101	61-130			
o-Xylene	5.13	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.40*		*8.00*		*92.5*	*70-130*			
Matrix Spike Dup (2335026-MSD1)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.49	0.0250	5.00	ND	89.7	54-133	5.90	20	
Ethylbenzene	4.70	0.0250	5.00	ND	93.9	61-133	5.81	20	
Toluene	4.75	0.0250	5.00	ND	95.1	61-130	5.90	20	
o-Xylene	4.84	0.0250	5.00	ND	96.7	63-131	5.86	20	
p,m-Xylene	9.68	0.0500	10.0	ND	96.8	63-131	5.88	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.8	63-131	5.88	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.37*		*8.00*		*92.1*	*70-130*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 12:57:46PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335026-BLK1)									Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.88*		*8.00*		*86.0*	*70-130*			
LCS (2335026-BS2)									Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	37.5	20.0	50.0		74.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.94*		*8.00*		*86.8*	*70-130*			
Matrix Spike (2335026-MS2)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	39.4	20.0	50.0	ND	78.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.82*		*8.00*		*85.2*	*70-130*			
Matrix Spike Dup (2335026-MSD2)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	82.0	70-130	4.08	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.75*		*8.00*		*84.4*	*70-130*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 12:57:46PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335061-BLK1)									Prepared: 08/30/23 Analyzed: 08/30/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*48.0*		*50.0*		*96.0*	*50-200*			
LCS (2335061-BS1)									Prepared: 08/30/23 Analyzed: 08/30/23
Diesel Range Organics (C10-C28)	244	25.0	250		97.5	38-132			
Surrogate: n-Nonane	*50.8*		*50.0*		*102*	*50-200*			
Matrix Spike (2335061-MS1)				**Source: E308208-01**					Prepared: 08/30/23 Analyzed: 08/30/23
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132			
Surrogate: n-Nonane	*50.0*		*50.0*		*100*	*50-200*			
Matrix Spike Dup (2335061-MSD1)				**Source: E308208-01**					Prepared: 08/30/23 Analyzed: 08/30/23
Diesel Range Organics (C10-C28)	261	25.0	250	ND	105	38-132	0.163	20	
Surrogate: n-Nonane	*50.0*		*50.0*		*100*	*50-200*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 12:57:46PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335039-BLK1)									Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	ND	20.0							
LCS (2335039-BS1)									Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	240	20.0	250		96.2	90-110			
Matrix Spike (2335039-MS1)				**Source: E308208-01**					Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	699	20.0	250	412	114	80-120			
Matrix Spike Dup (2335039-MSD1)				**Source: E308208-01**					Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	662	20.0	250	412	100	80-120	5.33	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/23 12:57

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 1

Client: Forty Acres Energy, LLC.	Bill To	Lab Use Only
Project: State WE H Battery	Attention: eTech Environmental & Safety Solution, Inc.	Lab WO# E308208
Project Manager: Erick Herrera	Address: 13000 W County Rd 100	Job Number 23007-0001
Address: 13000 W County Rd 100	City, State, Zip_Odessa,TX, 79765	
City, State, Zip_Odessa,TX, 79765	Phone: (432)563-2200	
Phone: (281)777-4152	Email:	
Email: erick@etechenv.com, joseph@etechenv.com	WO: N/A	
Collected by: Edyte Konan	Incident ID: naPP2321636998	

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			5 day TAT		
					RCRA

State: NM | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM		GDOC TX		Remarks
13:00	8/25/2023	S	1	PH10	1	0.5'								X				
13:10	8/25/2023	S	1	PH10	2	1'								X				

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	08/25/23	15:00	Michelle Gonzales	08-25-23	1500
Michelle Gonzales	08-25-23	1700		8/28/23	9:55

Lab Use Only
Received on ice: Y / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report

envirotech

Envirotech Analytical Laboratory

Printed: 8/28/2023 1:03:53PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Forty Acres Energy, LLC	Date Received:	08/28/23 09:55	Work Order ID:	E308208
Phone:	(281) 777-4152	Date Logged In:	08/28/23 10:15	Logged In By:	Caitlin Mars
Email:	erick@etechenv.com	Due Date:	09/01/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Client: Forty Acres Energy, LLC.	**Bill To**	
Project: State WE H Battery	Attention: eTech Enviromental & Safety Solution Inc.	
Project Manager: Erick Herrera	Address: 13000 W County Rd 100	
Address: 13000 W County Rd 100	City, State, Zip_Odessa,TX, 79765	
City, State, Zip_Odessa,TX, 79765	Phone: (432)563-2200	
Phone: (281)777-4152	Email:	
Email: erick@etechenv.com, joseph@etechenv.com	WO: N/A	
Collected by: Edyte Konan	Incident ID: naPP2321636998	

Lab Use Only	
Lab WO#	Job Number
E308208	23007000l

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			5 day TAT		RCRA

State: NM | CO | UT | AZ | TX

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM		GDOC TX		Remarks
13:00	8/25/2023	S	1	PH10	1	0.5'								X				Corrected Sample name on Sample #2. Per Client. 10/10/23 CM
13:10	8/25/2023	S	1	PH10 1.5'	2	~~1'~~								X				

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	08/25/23	15:00	Michelle Gonzales	08-25-23	1500
Michelle Gonzales	08-25-23	1700	Caitlin Mars	8/28/23	9:55

Lab Use Only
Received on ice: (Y) / N
T1 ______ T2 ______ T3 ______
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ______

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 21, 2023

JOSEPH GUESNIER

TERRACON CONSULTANTS

5827 50TH ST. SUITE 1

LUBBOCK, TX 79424

RE: ST. WE H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 11/20/23 12:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TERRACON CONSULTANTS
JOSEPH GUESNIER
5827 50TH ST. SUITE 1
LUBBOCK TX, 79424
Fax To:

Received:	11/20/2023	Sampling Date:	11/20/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ST. WE H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	KH237050	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: PH0 7 4' (H236313-01)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	1.90	94.8	2.00	15.0	
Toluene*	<0.050	0.050	11/20/2023	ND	2.05	102	2.00	16.0	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.03	101	2.00	16.1	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.21	104	6.00	16.1	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	11/21/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	195	97.4	200	2.46	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	183	91.5	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					

Surrogate: 1-Chlorooctane *76.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *70.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TERRACON CONSULTANTS
JOSEPH GUESNIER
5827 50TH ST. SUITE 1
LUBBOCK TX, 79424
Fax To:

Received:	11/20/2023	Sampling Date:	11/17/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ST. WE H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	KH237050	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: PH0 7 5' (H236313-02)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	1.90	94.8	2.00	15.0	
Toluene*	<0.050	0.050	11/20/2023	ND	2.05	102	2.00	16.0	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.03	101	2.00	16.1	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.21	104	6.00	16.1	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	11/21/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	195	97.4	200	2.46	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	183	91.5	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					

Surrogate: 1-Chlorooctane *83.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *77.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TERRACON CONSULTANTS
JOSEPH GUESNIER
5827 50TH ST. SUITE 1
LUBBOCK TX, 79424
Fax To:

Received:	11/20/2023	Sampling Date:	11/17/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ST. WE H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	KH237050	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: PH0 7.1 DS 0.5-1' (H236313-03)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	1.90	94.8	2.00	15.0	
Toluene*	<0.050	0.050	11/20/2023	ND	2.05	102	2.00	16.0	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.03	101	2.00	16.1	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.21	104	6.00	16.1	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/21/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	195	97.4	200	2.46	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	183	91.5	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					

Surrogate: 1-Chlorooctane *87.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TERRACON CONSULTANTS
JOSEPH GUESNIER
5827 50TH ST. SUITE 1
LUBBOCK TX, 79424
Fax To:

Received:	11/20/2023	Sampling Date:	11/17/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ST. WE H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	KH237050	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: PH0 1 4' (H236313-04)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	1.90	94.8	2.00	15.0	
Toluene*	<0.050	0.050	11/20/2023	ND	2.05	102	2.00	16.0	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.03	101	2.00	16.1	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.21	104	6.00	16.1	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	11/21/2023	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	195	97.4	200	2.46	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	183	91.5	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					

Surrogate: 1-Chlorooctane *84.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TERRACON CONSULTANTS
JOSEPH GUESNIER
5827 50TH ST. SUITE 1
LUBBOCK TX, 79424
Fax To:

Received:	11/20/2023	Sampling Date:	11/17/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ST. WE H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	KH237050	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: PH0 1 5' (H236313-05)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	1.90	94.8	2.00	15.0	
Toluene*	<0.050	0.050	11/20/2023	ND	2.05	102	2.00	16.0	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.03	101	2.00	16.1	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.21	104	6.00	16.1	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	11/21/2023	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	195	97.4	200	2.46	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	183	91.5	200	1.17	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					

Surrogate: 1-Chlorooctane *86.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories
101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Intrepid
Project Manager:	Travis Casey
Address:	4526 W. Pierce St
City:	Carlsbad State: NM Zip: 88220
Phone #:	5756597449 Fax #:
Project #:	KH237650 Project Owner: 40 Acre Energy
Project Name:	Stowe H Battery
Project Location:	
Sampler Name:	

BILL TO

P.O. #:	
Company:	40 Acre Energy
Attn:	Jamie Martinez
Address:	
City:	
State:	Zip:
Phone #:	806 4295278
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	Cl	TPH	BTEX
H236313																	
1	PIH07 4'	C	1			X					X		11-20	0930			
2	PIH07 5'		1											0932			
3	PIH07.1 DS 0.5-1'		1											0840			
4	PIH01 4'		1											0850			
5	PIH01 5'		1											0855			

Relinquished By:	Date: 11-20-23	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1230		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		

Delivered By: (Circle One)	Observed Temp. °C 6.0	Sample Condition: Cool ☑ Yes ☐ No / Intact ☑ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☑ / Rush ☐
Sampler - UPS - Bus - Other:	Corrected Temp. °C			Thermometer ID #140 Correction Factor 0°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No / Intact ☐ Yes ☐ No — Observed Temp. °C — Corrected Temp. °C

FORM-006 R 3.4 07/11/23

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 04, 2023

TRAVIS CASEY

TERRACON CONSULTANTS

5827 50TH ST. SUITE 1

LUBBOCK, TX 79424

RE: STATE WE "H" BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 11/29/23 13:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TERRACON CONSULTANTS
TRAVIS CASEY
5827 50TH ST. SUITE 1
LUBBOCK TX, 79424
Fax To:

Received:	11/29/2023	Sampling Date:	11/29/2023
Reported:	12/04/2023	Sampling Type:	Soil
Project Name:	STATE WE "H" BATTERY	Sampling Condition:	Cool & Intact
Project Number:	KH237050	Sample Received By:	Tamara Oldaker
Project Location:	40 ACRES ENERGY		

Sample ID: PH 7.1 DS 1.5' (H236422-01)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2023	ND	1.77	88.3	2.00	10.6	
Toluene*	<0.050	0.050	11/30/2023	ND	1.79	89.5	2.00	11.2	
Ethylbenzene*	<0.050	0.050	11/30/2023	ND	1.89	94.5	2.00	11.4	
Total Xylenes*	<0.150	0.150	11/30/2023	ND	5.76	96.0	6.00	11.5	
Total BTEX	<0.300	0.300	11/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/30/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2023	ND	215	107	200	4.39	
DRO >C10-C28*	<10.0	10.0	11/30/2023	ND	195	97.4	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	11/30/2023	ND					

Surrogate: 1-Chlorooctane *85.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *79.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories
101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Terracon
Project Manager:	Travis Cusey
Address:	4826 W. Pierce St
City:	Carlsbad State: NM Zip: 88220
Phone #:	575 689-5949 Fax #:
Project #:	KH23704450 Project Owner: 40 Acres
Project Name:	State WE "H" Battery
Project Location:	
Sampler Name:	Travis Cusey

BILL TO

P.O. #:	
Company:	40 Acres
Attn:	Sumo Martinez
Address:	
City:	
State:	Zip:
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	CL	BTEX	TPH
H236422-1	PH7.1 DS 1.5'	C	1			X					X		11-29	1020	X	X	X

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 11-29-23	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1300		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		

Delivered By: (Circle One)	Observed Temp. °C 4.5	Sample Condition Cool: ☑ Yes ☐ No	Intact: ☑ Yes ☐ No	CHECKED BY: (Initials) TO	Turnaround Time: ☑ Standard ☐ Rush
Sampler - UPS - Bus - Other:	Corrected Temp. °C				Thermometer ID #140 Correction Factor 0°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No; Observed Temp. °C; Corrected Temp. °C

FORM-006 R 3.4 07/11/23

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

APPENDIX G

NMOCD Notifications

Erick Herrera

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Thursday, August 17, 2023 9:22 AM
To: Erick Herrera
Cc: Bratcher, Michael, EMNRD; Velez, Nelson, EMNRD
Subject: RE: [EXTERNAL] (40 Acres Energy - Site Sampling Notification) 8/22 - 8/25/23

Good morning Erick,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520|Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Erick Herrera <erick@etechenv.com>
Sent: Thursday, August 17, 2023 8:11 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Ryan Swift <ryan@faenergyus.com>; James Martinez <james@faenergyus.com>; Joseph Hernandez <joseph@etechenv.com>; Anna Byers <anna@etechenv.com>; Gilbert Moreno <gilbert@etechenv.com>
Subject: [EXTERNAL] (40 Acres Energy - Site Sampling Notification) 8/22 - 8/25/23

Good morning,

40 Acres Energy anticipates conducting confirmation soil sampling activities at the following sites from August 22nd through August 25th.

Proposed Date: August 22, 2023, August 23, 2023, August 24, 2023, August 25, 2023
Proposed Timeframe: 0800 – 1700 hrs.
Site Name: West Eumont Unit #417/LW2 Battery
Incident Number: nAPP2222156995
API#: 30-025-44254

Proposed Date: August 22, 2023, August 23, 2023, August 24, 2023, August 25, 2023
Proposed Timeframe: 0800 – 1700 hrs.
Site Name: State WE H Battery
Incident Number: nAPP2321636998

API#: 30-025-03372

Proposed Date: August 22, 2023, August 23, 2023, August 24, 2023, August 25, 2023
Proposed Timeframe: 0800 – 1700 hrs.
Site Name: Atlantic State #003
Incident Number: nAPP2321654246
API#: 30-025-03508

Thank you,

Erick Herrera
Staff Geologist

eTECH Environmental & Safety Solutions, Inc.

Work: (432) 305-6416
Cell: (281) 777-4152

APPENDIX H

Original Submitted RWP

P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213

Environmental & Safety Solutions, Inc.

REMEDIATION WORK PLAN

State WE H Battery

Lea County, New Mexico

Incident Number NAPP2321636998

Prepared for:

Forty Acres Energy, LLC

11757 Katy Freeway, Suite 725

Houston, TX 77079

Carlsbad ● Midland ● San Antonio ● Lubbock ● Hobbs ● Lafayette

SYNOPSIS

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Forty Acres Energy, LLC (FAE), presents the following Remediation Work Plan (RWP) detailing site assessment and delineation soil sampling activities associated with an inadvertent release of crude oil and produced water at the State WE H Battery (Site). Based on field observations, information provided by FAE, and review of the laboratory analytical results from soil sampling activities at the Site, FAE proposes this RWP, which summarizes initial response efforts and details remediation objectives to complete the characterization of the subject release and request No Further Action (NFA) in a follow up Closure Request Report (CRR).

SITE LOCATION AND RELEASE BACKGROUND

The Site is located in Unit F, Section 02, Township 21 South, Range 35 East, in Lea County, New Mexico (32.510833°, -103.341361°) and is associated with oil and gas exploration and production operations on Private Land (**Figure 1** in **Appendix A)**.

On August 25, 2022, it was discovered that a water tank overflowed and released approximately 1 barrel (bbls) of crude oil and 7 bbls of produced water onto the production pad surface and into the adjacent eastern pasture. No Fluids were recovered. The New Mexico Oil Conservation Division (NMOCD) did not receive a Release Notification and Corrective Action Form C-141 (Form C-141) within 15 days of the release. As a result, FAE submitted a Form C-141 with release incident details, which was received by the NMOCD on August 5, 2023, and was subsequently assigned Incident Number NAPP2321636998. Initial response efforts by FAE included the removal of immediate soil impacts based on visual observation, totaling 84 cubic yards (CYs). FAE provided a map of the release extent which is presented as the Area of Concern (AOC) on **Figure 2** in **Appendix A**. FAE has since backfilled the excavation inside the containment with caliche in an effort to mitigate potential safety hazards by restoring the stability around active production equipment.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

Etech characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC) considering depth to groundwater and the proximity to:

- Any continuously flowing watercourse or any other significant watercourse;
- Any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark);
- An occupied permanent residence, school, hospital, institution or church;
- A spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes;
- Any freshwater well or spring;
- Incorporated municipal boundaries or a defined municipal fresh water well field covered under a municipal ordinance;
- A wetland;
- A subsurface mine;
- An unstable area (i.e. high karst potential); and
- A 100-year floodplain.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on New Mexico Office of the State Engineer (NMOSE) permitted soil boring CP-01975-POD1 that was recently drilled by Coffey Drilling, located approximately 0.58-mile northeast of the Site. The soil boring location may be referenced on **Figure 1** in **Appendix A**. Using a truck mounted rotary drill rig equipped with hollow stem auger, the soil boring was advanced to a total depth of 160 feet bgs. No fluids

were observed throughout the drilling process nor after a 72-hour observation period. The referenced well record for the soil boring is provided in **Appendix B**.

All other potential receptors are not within the established buffers in NMAC 19.15.29.12. Receptor details and sources used for the site characterization are included in **Figure 1** in **Appendix A**.

Based on the results from the desktop review and estimated regional depth to groundwater at the Site, the following Closure Criteria was applied:

Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria†
Chloride	Environmental Protection Agency (EPA) 300.0	20,000 milligram per kilogram (mg/kg)
TPH (Total Petroleum Hydrocarbon)	EPA 8015 M/D	2,500 mg/kg
Gasoline Range Organics (GRO) + Diesel Range Organics (DRO)	EPA 8015 M/D	1,000 mg/kg
Benzene	EPA 8021B	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA 8021B	50 mg/kg

†*The reclamation standard concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.*

SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

From August 8, 2023, to August 25, 2023, Etech conducted site assessment and delineation activities to confirm details of the release provided on the Form C-141 and verify the presence or absence of remaining residual impacted soil within and around the AOC. Soil samples were collected from ten delineation potholes (PH01 through PH10) advanced via mechanical equipment. Delineation activities were driven by field screening soil for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. A total of two samples were collected from each delineation soil sample location, representing the highest observed field screening concentrations and the greatest depth. Field screening results and soil descriptions are included on soil sampling logs shown in **Appendix C**. The locations of the delineation soil samples are shown in **Figure 2** in **Appendix A**. Photographic documentation of delineation activities is included in **Appendix D**.

The delineation soil samples were placed directly into lab provided pre-cleaned jars, packed with minimal void space, labeled, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures, to Envirotech, Inc. (Envirotech) in Farmington, New Mexico, for analysis of COCs.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results indicated that concentrations of COCs for all delineation soil samples were below the applicable Site Closure Criteria. Laboratory analytical results are summarized in **Table 1** in **Attachment E**, and the complete laboratory reports with chain-of-custody documentation is included in **Attachment F.**

PROPOSED REMEDIATION WORK PLAN

Based on the delineation soil sampling results, the following conclusions regarding the release are presented:

- Initial response efforts including excavation have mitigated impacts at the Site, and as such, it appears that residual impacts have been excavated and removed in accordance with the applicable Site Closure Criteria.

- Additional delineation soil sampling is required to supplement defining the northern horizontal periphery of the AOC.

Based on the conclusion drawn above, FAE proposes the following proposal:

- Advancing an additional delineation pothole north of PH07 to collect a minimum of two soil samples, representing the highest observed field screening concentrations and the greatest depth. The samples will be collected, handled and analyzed for BTEX, TPH and chloride by an accredited lab.

- Submitting a CRR with additional delineation soil samples demonstrating concentrations of COCs have defined the horizontal periphery of the AOC and requesting NFA.

Based on the proposed scope of work, FAE believes the completed remedial actions and additional delineation soil sampling will meet the requirements set forth in NMAC 19.15.29.13 regulations to be protective of human health, the environment and groundwater.

If you have any questions or comments, please do not hesitate to contact Joseph Hernandez at (281) 702-2329 or joseph@etechenv.com or Erick Herrera at (575) 200-6754 or erick@etechenv.com. **Appendix G** provides correspondence email notification receipts associated with the subject release.

Sincerely,

eTECH Environmental and Safety Solutions, Inc.

Erick Herrera
Staff Geologist

Joseph S. Hernandez
Senior Managing Geologist

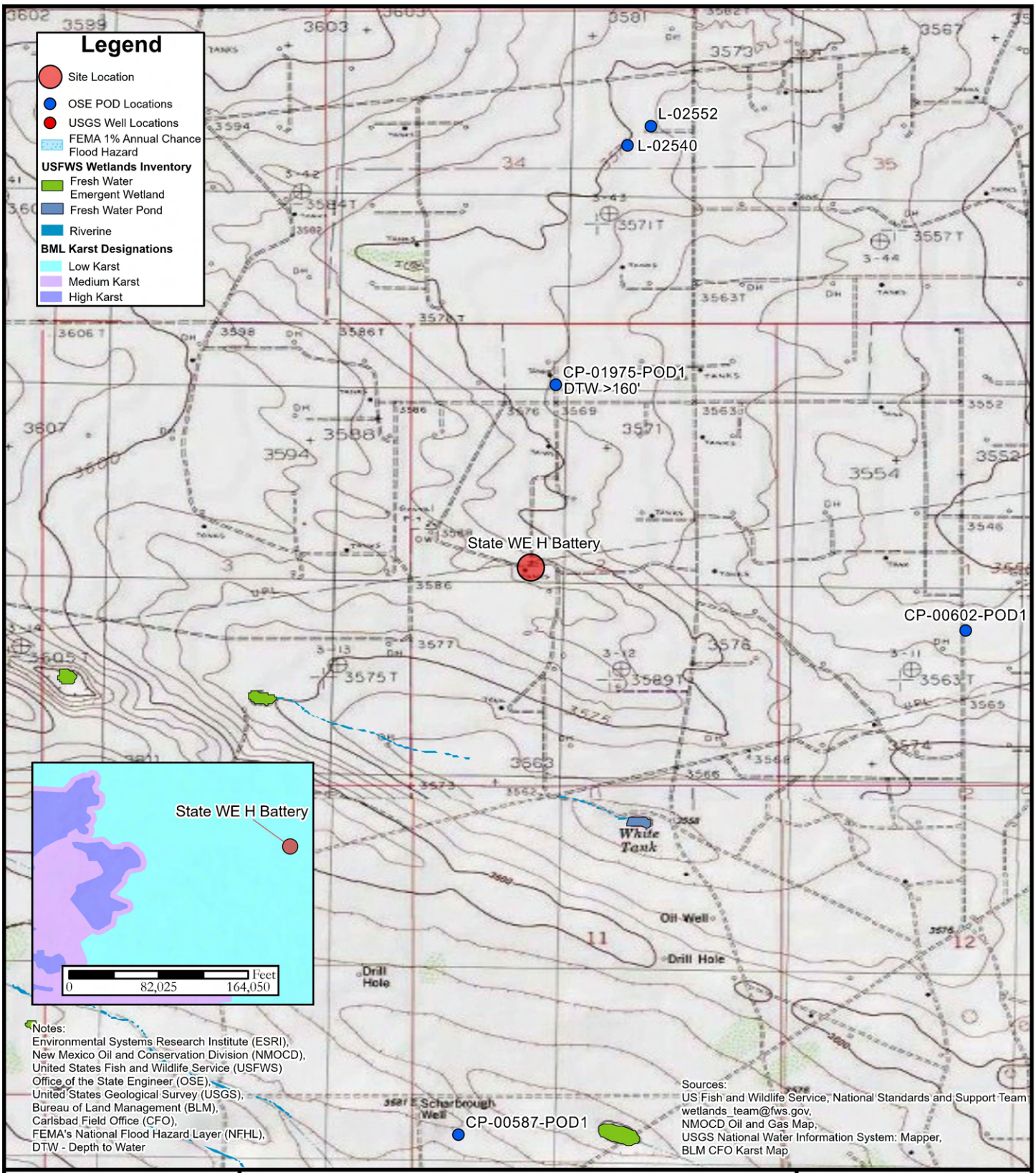
cc: David Schellstede, Forty Acres Energy
New Mexico Oil Conservation Division

Appendices:

Appendix A	Figure 1: Site Map
	Figure 2: Delineation Soil Sample Locations
Appendix B	Referenced Well Records
Appendix C	Soil Sampling Logs
Appendix D	Photographic Log
Appendix E	Tables
Appendix F	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix G	NMOCD Notifications

APPENDIX A

Figures



eTECH

FIGURE 1

Site Map

Forty Acres Energy, LLC
State WE H Battery
Unit F Sec 02 T20S R36E
Lea County, New Mexico

N

0 1,250 2,500 Feet

eTECH

FIGURE 2

Delineation Soil Sample Locations

Forty Acres Energy, LLC
State WE H Battery
Unit F Sec 02 T20S R36E
Lea County, New Mexico

N

0 30 60 Feet

APPENDIX B

Referenced Well Records

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD-1	213A19	CP-1975

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Clay Tom Cooper	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
Box 6	Monument	NM	88265

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	31	09.6	N
	LONGITUDE	103	20	24.7	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1839	Boyd Coffey	Coffey Drilling

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
8-24-2023	8-24-2023	160	160	NA

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED) — STATIC WATER LEVEL IN COMPLETED WELL (FT): NA

DRILLING FLUID: ☐ AIR ☑ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	20	10	PVC	bell	5	sdr 21	
20	100	8.75	PVC	bell	5	sdr 21	
100	120	8.75	PVC	bell	5	sdr 21	0.020
120	160	8.75	PVC	bell	5	sdr 21	

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20	10	3/8 Bentonite hole plug	8	Pour
20	160	8.75	3/8 pea gravel	38	Pour

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	5	5	Red Sandy Top Soil	Y ✓ N	
5	46	41	White Caliche	Y ✓ N	
46	94	48	Tan soft SandStone	Y ✓ N	
94	101	7	Red clay	Y ✓ N	
101	108	7	Course sand/gravel	Y ✓ N	
108	160	52	Red Clay	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☑ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

6. SIGNATURE

BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.

SIGNATURE OF DRILLER / PRINT SIGNEE NAME _____ DATE _____

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 04/30/2019)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

APPENDIX C

Soil Sampling Logs

eTECH

	Sample Name: PH01	Date: 08/25/2023
	Site Name: State WE H Battery	
	Incident Number: NAPP2321636998	
	Job Number: 18134	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates: 32.5109833, -103.341398	Hole Diameter: N/A	Total Depth: 1.5'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<112	0.3	No	PH01	0.5	0	SP	(0-0.5') SAND, dry, brown, very fine grained, poorly graded, trace of silt, no staining, no odor.
						1		
Dry	<112	0.0	No	PH01	1.5		CCHE	(1-1.5') CALICHE, dry, tan, fine to coarse grained, well graded, trace of silt, no staining, no odor.
						2		@1.5 Refusal

Total Depth

eTECH

	Sample Name: PH02	Date: 08/25/2023
	Site Name: State WE H Battery	
	Incident Number: NAPP2321636998	
	Job Number: 18134	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates: 32.5109833, -103.341398	Hole Diameter: N/A	Total Depth: 1.5'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<112	0.0	No	PH02	0.5	0	SP	(0-0.5') SAND, dry, brown, very fine grained, poorly graded, trace of silt, no staining, no odor.
						1		
Dry	<112	0.0	No	PH02	1.5		CCHE	(1-1.5') CALICHE, dry, tan, fine to coarse grained, well graded, trace of silt, no staining, no odor.
						2		@1.5 Refusal

Total Depth

eTECH

	Sample Name: PH03	Date: 08/25/2023
	Site Name: State WE H Battery	
	Incident Number: NAPP2321636998	
	Job Number: 18134	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates: 32.5109833, -103.341398	Hole Diameter: N/A	Total Depth: 1'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<112	0.0	No	PH03	0.5	0	SP	(0-0.5') SAND, dry, brown, very fine grained, poorly graded, trace of silt, no staining, no odor.
Dry	<112	0.0	No	PH03	1	1		
						Total Depth		

eTECH

	Sample Name: PH04	Date: 08/25/2023
	Site Name: State WE H Battery	
	Incident Number: NAPP2321636998	
	Job Number: 18134	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates: 32.5109833, -103.341398	Hole Diameter: N/A	Total Depth: 1'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<112	0.0	No	PH04	0.5	0	SP	(0-0.5') SAND, dry, brown, very fine grained, poorly graded, trace of silt, no staining, no odor.
Dry	<112	0.0	No	PH04	1	1		
						Total Depth		

eTECH

	Sample Name: PH05	Date: 08/25/2023
	Site Name: State WE H Battery	
	Incident Number: NAPP2321636998	
	Job Number: 18134	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates: 32.5109833, -103.341398	Hole Diameter: N/A	Total Depth: 1'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<112	0.0	No	PH05	0.5	0	SP	(0-0.5') SAND, dry, brown, very fine grained, poorly graded, trace of silt, no staining, no odor.
Dry	<112	0.0	No	PH05	1	1		
						Total Depth		

eTECH

	Sample Name: PH06	Date: 08/25/2023
	Site Name: State WE H Battery	
	Incident Number: NAPP2321636998	
	Job Number: 18134	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates: 32.5109833, -103.341398	Hole Diameter: N/A	Total Depth: 1'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0		
Dry	<112	0.0	No	PH06	0.5		SP	(0-0.5') SAND, dry, brown, very fine grained, poorly graded, trace of silt, no staining, no odor.
Dry	<112	0.0	No	PH06	1	1	CCHE	(0.5-1') CALICHE, dry, tan, fine to coarse grained, well graded, trace of silt, no staining, no odor.
						Total Depth		

eTECH

	Sample Name: PH07	Date: 08/25/2023
	Site Name: State WE H Battery	
	Incident Number: NAPP2321636998	
	Job Number: 18134	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates: 32.5109833, -103.341398	Hole Diameter: N/A	Total Depth: 1'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	300	0.0	No	PH07	0.5	0	SP	(0-0.5') SAND, dry, brown, very fine grained, poorly graded, trace of silt, no staining, no odor.
Dry	180	0.0	No	PH07	1	1	CCHE	(0.5-1') CALICHE, dry, tan, fine to coarse grained, well graded, trace of silt, no staining, no odor.
						Total Depth		

eTECH

	Sample Name: PH08	Date: 08/25/2023
	Site Name: State WE H Battery	
	Incident Number: NAPP2321636998	
	Job Number: 18134	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates: 32.5109833, -103.341398	Hole Diameter: N/A	Total Depth: 1'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	236	0.0	No	PH08	0.5	0	SP	(0-0.5') SAND, dry, brown, very fine grained, poorly graded, trace of silt, no staining, no odor.
Dry	208	0.0	No	PH08	1	1	CCHE	(0.5-1') CALICHE, dry, tan, fine to coarse grained, well graded, trace of silt, no staining, no odor.
						Total Depth		

eTECH

	Sample Name: PH09	Date: 08/25/2023
	Site Name: State WE H Battery	
	Incident Number: NAPP2321636998	
	Job Number: 18134	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates: 32.5109833, -103.341398	Hole Diameter: N/A	Total Depth: 1'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<112	0.0	No	PH09	0.5	0	SP	(0-0.5') SAND, dry, brown, very fine grained, poorly graded, trace of silt, no staining, no odor.
Dry	<112	0.0	No	PH09	1	1	CCHE	(0.5-1') CALICHE, dry, tan, fine to coarse grained, well graded, trace of silt, no staining, no odor.
						Total Depth		

eTECH

	Sample Name: PH10	Date: 08/25/2023
	Site Name: State WE H Battery	
	Incident Number: NAPP2321636998	
	Job Number: 18134	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: Edyte Konan	Method: Backhoe
Site Coordinates: 32.5109833, -103.341398	Hole Diameter: N/A	Total Depth: 1.5'

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	372	0.0	No	PH10	0.5	0	SP	(0-0.5') SAND, dry, brown, very fine grained, poorly graded, trace of silt, no staining, no odor.
						1	CCHE	(0.5-1.5') CALICHE, dry, tan, fine to coarse grained, well graded, trace of silt, no staining, no odor.
Dry	208	0.0	No	PH10	1.5			
						2		

Total Depth

APPENDIX D

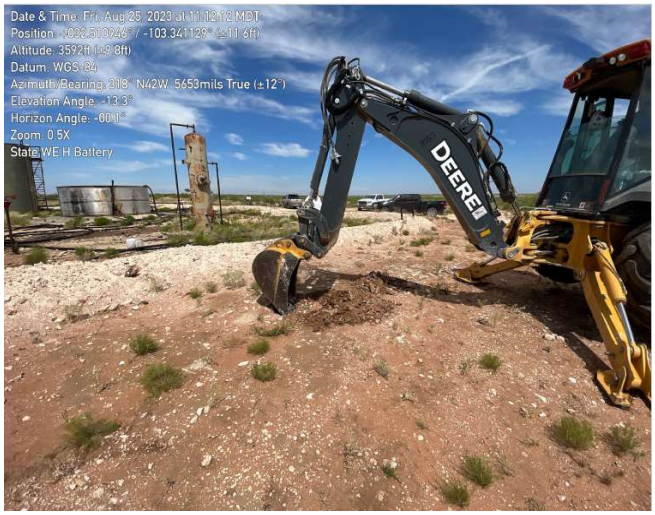
Photographic Log

PHOTOGRAPHIC LOG
Forty Acres Energy, LLC
State WE H Battery
Incident Number NAPP2321636998

Photograph 1 **Date: 08/08/2023**
Description: Southeastern view of Site assessment activities.

Photograph 2 **Date: 08/25/2023**
Description: Southeastern view of delineation activities.

Photograph 3 **Date: 08/25/2023**
Description: Northwestern view of delineation activities.



Photograph 4 **Date: 08/25/2023**
Description: Northwestern view of delineation activities.

APPENDIX E

Tables

eTECH

Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Forty Acres Energy, LLC
State WE H Battery
Lea County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			**10**	**50**	**NE**	**NE**	**NE**	**1,000**	**2,500**	**20,000**
Delineation Soil Samples - Incident Number NAPP2321636998										
PH01	08/25/2023	0.5	<0.0250	<0.0500	<20.0	143	<250	143	143	73.7
PH01	08/25/2023	1.5	<0.0250	<0.0500	<20.0	136	235	371	371	71.9
PH02	08/25/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	39.6
PH02	08/25/2023	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	37.7
PH03	08/25/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
PH03	08/25/2023	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
PH04	08/25/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
PH04	08/25/2023	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
PH05	08/25/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
PH05	08/25/2023	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
PH06	08/25/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
PH06	08/25/2023	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
PH07	08/25/2023	0.5	<0.0250	<0.0500	<20.0	111	180	291	291	139
PH07	08/25/2023	1	<0.0250	<0.0500	<20.0	124	211	335	335	47.0
PH08	08/25/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	222
PH08	08/25/2023	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	41.6
PH09	08/25/2023	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
PH09	08/25/2023	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
PH10	08/25/2023	0.5	<0.0250	0.0594	<20.0	<25.0	<50.0	<50.0	<50.0	412
PH10	08/25/2023	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	210

Notes:
bgs: below ground surface
mg/kg: milligrams per kilogram
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics
TPH: Total Petroleum Hydrocarbon
NMOCD: New Mexico Oil Conservation Division
NMAC: New Mexico Administrative Code
Text in "grey" represents excavated soil samples
*Concentrations in **bold** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard for Soils Impacted by a Release*

APPENDIX F

Laboratory Analytical Reports & Chain-of-Custody Documentation

P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213

Report to:

Erick Herrera

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Forty Acres Energy, LLC

Project Name:	State WE H Battery
Work Order:	E308205
Job Number:	23007-0001
Received:	8/28/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/1/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/1/23

Erick Herrera
13000 W County RD 100
Odessa, TX 79765

Project Name: State WE H Battery
Workorder: E308205
Date Received: 8/28/2023 9:55:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/28/2023 9:55:00AM, under the Project Name: State WE H Battery.

The analytical test results summarized in this report with the Project Name: State WE H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
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ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Table of Contents (continued)

Sample Summary

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	09/01/23 13:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH01 0.5'	E308205-01A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH01 1.5'	E308205-02A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH02 0.5'	E308205-03A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH02 1.5'	E308205-04A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH03 0.5'	E308205-05A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH03 1'	E308205-06A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH04 0.5'	E308205-07A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH04 1'	E308205-08A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH05 0.5'	E308205-09A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH05 1'	E308205-10A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH06 0.5'	E308205-11A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH06 1'	E308205-12A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH07 0.5'	E308205-13A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH07 1'	E308205-14A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH01 0.5'

E308205-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.8 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.4 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	**143**	125	5	08/30/23	08/31/23	
Oil Range Organics (C28-C36)	ND	250	5	08/30/23	08/31/23	
Surrogate: n-Nonane		*109 %*	*50-200*	*08/30/23*	*08/31/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	**73.7**	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH01 1.5'

E308205-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*90.9 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.0 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	**136**	50.0	2	08/30/23	08/31/23	
Oil Range Organics (C28-C36)	**235**	100	2	08/30/23	08/31/23	
Surrogate: n-Nonane		*107 %*	*50-200*	*08/30/23*	*08/31/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	**71.9**	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH02 0.5'

E308205-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.4 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.2 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	09/01/23	
Surrogate: n-Nonane		*95.9 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	**39.6**	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH02 1.5'

E308205-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.6 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.4 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	09/01/23	
Surrogate: n-Nonane		*96.6 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	**37.7**	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH03 0.5'

E308205-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.7 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.3 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	09/01/23	
Surrogate: n-Nonane		*94.9 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH03 1'

E308205-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.7 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.6 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	09/01/23	
Surrogate: n-Nonane		*95.0 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH04 0.5'

E308205-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.7 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.7 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	09/01/23	
Surrogate: n-Nonane		*97.2 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH04 1'

E308205-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.9 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.6 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	09/01/23	
Surrogate: n-Nonane		*93.5 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH05 0.5'

E308205-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.1 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.3 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	09/01/23	
Surrogate: n-Nonane		*95.8 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH05 1'

E308205-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.2 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.6 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	09/01/23	
Surrogate: n-Nonane		*93.0 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH06 0.5'

E308205-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.6 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.0 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	09/01/23	
Surrogate: n-Nonane		*92.3 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH06 1'

E308205-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.3 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.1 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	09/01/23	
Surrogate: n-Nonane		*92.7 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH07 0.5'

E308205-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.7 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.7 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	**111**	50.0	2	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	**180**	100	2	08/30/23	09/01/23	
Surrogate: n-Nonane		*110 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	**139**	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

PH07 1'

E308205-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.7 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.1 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	**124**	50.0	2	08/30/23	09/01/23	
Oil Range Organics (C28-C36)	**211**	100	2	08/30/23	09/01/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*08/30/23*	*09/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	**47.0**	20.0	1	08/29/23	08/31/23	

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335026-BLK1)									Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.41*		*8.00*		*92.6*	*70-130*			
LCS (2335026-BS1)									Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.28	0.0250	5.00		85.7	70-130			
Ethylbenzene	4.52	0.0250	5.00		90.4	70-130			
Toluene	4.56	0.0250	5.00		91.1	70-130			
o-Xylene	4.67	0.0250	5.00		93.4	70-130			
p,m-Xylene	9.35	0.0500	10.0		93.5	70-130			
Total Xylenes	14.0	0.0250	15.0		93.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.51*		*8.00*		*93.9*	*70-130*			
Matrix Spike (2335026-MS1)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.76	0.0250	5.00	ND	95.2	54-133			
Ethylbenzene	4.98	0.0250	5.00	ND	99.6	61-133			
Toluene	5.04	0.0250	5.00	ND	101	61-130			
o-Xylene	5.13	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.40*		*8.00*		*92.5*	*70-130*			
Matrix Spike Dup (2335026-MSD1)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.49	0.0250	5.00	ND	89.7	54-133	5.90	20	
Ethylbenzene	4.70	0.0250	5.00	ND	93.9	61-133	5.81	20	
Toluene	4.75	0.0250	5.00	ND	95.1	61-130	5.90	20	
o-Xylene	4.84	0.0250	5.00	ND	96.7	63-131	5.86	20	
p,m-Xylene	9.68	0.0500	10.0	ND	96.8	63-131	5.88	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.8	63-131	5.88	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.37*		*8.00*		*92.1*	*70-130*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335026-BLK1)									Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.88*		*8.00*		*86.0*	*70-130*			
LCS (2335026-BS2)									Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	37.5	20.0	50.0		74.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.94*		*8.00*		*86.8*	*70-130*			
Matrix Spike (2335026-MS2)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	39.4	20.0	50.0	ND	78.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.82*		*8.00*		*85.2*	*70-130*			
Matrix Spike Dup (2335026-MSD2)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	82.0	70-130	4.08	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.75*		*8.00*		*84.4*	*70-130*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335066-BLK1)									Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.9*		*50.0*		*91.8*	*50-200*			
LCS (2335066-BS1)									Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	234	25.0	250		93.5	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.4*	*50-200*			
Matrix Spike (2335066-MS1)				**Source: E308201-01**					Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	215	25.0	250	ND	86.0	38-132			
Surrogate: n-Nonane	*41.7*		*50.0*		*83.3*	*50-200*			
Matrix Spike Dup (2335066-MSD1)				**Source: E308201-01**					Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.9	38-132	12.0	20	
Surrogate: n-Nonane	*44.5*		*50.0*		*88.9*	*50-200*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:56:19PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335037-BLK1)									Prepared: 08/29/23 Analyzed: 08/30/23
Chloride	ND	20.0							
LCS (2335037-BS1)									Prepared: 08/29/23 Analyzed: 08/30/23
Chloride	237	20.0	250		94.9	90-110			
Matrix Spike (2335037-MS1)				**Source: E308201-01**					Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	616	20.0	250	585	12.3	80-120			M2
Matrix Spike Dup (2335037-MSD1)				**Source: E308201-01**					Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	736	20.0	250	585	60.3	80-120	17.8	20	M2

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	09/01/23 13:56

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information

Chain of Custody

Client: Forty Acres Energy, LLC.	
Project: State WE H Battery	
Project Manager: Erick Herrera	
Address: 13000 W County Rd 100	
City, State, Zip_Odessa,TX, 79765	
Phone: (281)777-4152	
Email: erick@etechenv.com, joseph@etechenv.com	
Collected by: Edyte Konan	

Bill To	
Attention:eTech Environmental & Safety Solution, Inc.	
Address: 13000 W County Rd 100	
City, State, Zip_Odessa,TX, 79765	
Phone: (432)563-2200	
Email:	
WO: N/A	
Incident ID: naPP2321636998	

Lab Use Only	
Lab WO#	Job Number
E308205	2RP-7000

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			5 day TAT		
					RCRA

State					
NM	CO	UT	AZ	TX	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM		GDOC TX		Remarks
						Analysis and Method												
10:00	8/25/2023	S	1	PH01	1	0.5'								X				
10:10	8/25/2023	S	1	PH01	2	1.5'								X				
10:20	8/25/2023	S	1	PH02	3	0.5'								X				
10:30	8/25/2023	S	1	PH02	4	1.5'								X				
10:40	8/25/2023	S	1	PH03	5	0.5'								X				
10:50	8/25/2023	S	1	PH03	6	1'								X				
11:00	8/25/2023	S	1	PH04	7	0.5'								X				
11:10	8/25/2023	S	1	PH04	8	1'								X				
11:20	8/25/2023	S	1	PH05	9	0.5'								X				
11:30	8/25/2023	S	1	PH05	10	1'								X				

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	08/25/23	15:00	Michelle Gonzales	08-25-23	1500
Michelle Gonzales	08-25-23	1700	[signature]	8/28/23	9:55

Lab Use Only

Received on ice: (Y) N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note. Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Project Information

Chain of Custody

Client: Forty Acres Energy, LLC.	
Project: State WE H Battery	
Project Manager: Erick Herrera	
Address: 13000 W County Rd 100	
City, State, Zip_Odessa,TX, 79765	
Phone: (281)777-4152	
Email: erick@etechenv.com, joseph@etechenv.com	
Collected by: Edyte Konan	

Bill To	
Attention:eTech Enviromental & Safety Solution, Inc.	
Address: 13000 W County Rd 100	
City, State, Zip_Odessa,TX, 79765	
Phone: (432)563-2200	
Email:	
WO: N/A	
Incident ID: naPP2321636998	

Lab Use Only: Lab WO# E308205 | Job Number 23007-0001

TAT: 1D | 2D | 3D | Standard: 5 day TAT

EPA Program: CWA | SDWA | RCRA

State: NM | CO | UT | AZ | TX

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM		GDOC TX		Remarks
11:40	8/25/2023	S	1	PH06	11	0.5'								X				
11:50	8/25/2023	S	1	PH06	12	1'								X				
12:00	8/25/2023	S	1	PH07	13	0.5'								X				
12:10	8/25/2023	S	1	PH07	14	1'								X				

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	08/25/23	15:00	Michelle Gonzales	08-25-23	1500
Michelle Gonzales	08-25-23	1700	[signature]	8/28/23	9:55
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Envirotech Analytical Laboratory

Printed: 8/28/2023 12:40:25PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Forty Acres Energy, LLC	Date Received:	08/28/23 09:55	Work Order ID:	E308205
Phone:	(281) 777-4152	Date Logged In:	08/28/23 10:11	Logged In By:	Caitlin Mars
Email:	erick@etechenv.com	Due Date:	09/01/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Erick Herrera

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

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Practical Solutions for a Better Tomorrow

Analytical Report

Forty Acres Energy, LLC

Project Name:	State WE H Battery
Work Order:	E308207
Job Number:	23007-0001
Received:	8/28/2023

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/10/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 10/10/23

Erick Herrera
13000 W County RD 100
Odessa, TX 79765

Project Name: State WE H Battery
Workorder: E308207
Date Received: 8/28/2023 9:55:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/28/2023 9:55:00AM, under the Project Name: State WE H Battery.

The analytical test results summarized in this report with the Project Name: State WE H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
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Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/23 13:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH08 0.5'	E308207-01A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH08 1'	E308207-02A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 1:01:41PM

PH08 0.5'

E308207-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.6 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.6 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	08/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	08/31/23	
Surrogate: n-Nonane		*97.5 %*	*50-200*	*08/30/23*	*08/31/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	**222**	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 1:01:41PM

PH08 1'

E308207-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.1 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.2 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	08/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	08/31/23	
Surrogate: n-Nonane		*94.7 %*	*50-200*	*08/30/23*	*08/31/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	**41.6**	20.0	1	08/29/23	08/31/23	

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 1:01:41PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335026-BLK1)									Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.41*		*8.00*		*92.6*	*70-130*			
LCS (2335026-BS1)									Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.28	0.0250	5.00		85.7	70-130			
Ethylbenzene	4.52	0.0250	5.00		90.4	70-130			
Toluene	4.56	0.0250	5.00		91.1	70-130			
o-Xylene	4.67	0.0250	5.00		93.4	70-130			
p,m-Xylene	9.35	0.0500	10.0		93.5	70-130			
Total Xylenes	14.0	0.0250	15.0		93.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.51*		*8.00*		*93.9*	*70-130*			
Matrix Spike (2335026-MS1)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.76	0.0250	5.00	ND	95.2	54-133			
Ethylbenzene	4.98	0.0250	5.00	ND	99.6	61-133			
Toluene	5.04	0.0250	5.00	ND	101	61-130			
o-Xylene	5.13	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.40*		*8.00*		*92.5*	*70-130*			
Matrix Spike Dup (2335026-MSD1)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.49	0.0250	5.00	ND	89.7	54-133	5.90	20	
Ethylbenzene	4.70	0.0250	5.00	ND	93.9	61-133	5.81	20	
Toluene	4.75	0.0250	5.00	ND	95.1	61-130	5.90	20	
o-Xylene	4.84	0.0250	5.00	ND	96.7	63-131	5.86	20	
p,m-Xylene	9.68	0.0500	10.0	ND	96.8	63-131	5.88	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.8	63-131	5.88	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.37*		*8.00*		*92.1*	*70-130*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 1:01:41PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335026-BLK1)									Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.88*		*8.00*		*86.0*	*70-130*			
LCS (2335026-BS2)									Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	37.5	20.0	50.0		74.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.94*		*8.00*		*86.8*	*70-130*			
Matrix Spike (2335026-MS2)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	39.4	20.0	50.0	ND	78.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.82*		*8.00*		*85.2*	*70-130*			
Matrix Spike Dup (2335026-MSD2)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	82.0	70-130	4.08	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.75*		*8.00*		*84.4*	*70-130*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 1:01:41PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335066-BLK1)									Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.9*		*50.0*		*91.8*	*50-200*			
LCS (2335066-BS1)									Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	234	25.0	250		93.5	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.4*	*50-200*			
Matrix Spike (2335066-MS1)				**Source: E308201-01**					Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	215	25.0	250	ND	86.0	38-132			
Surrogate: n-Nonane	*41.7*		*50.0*		*83.3*	*50-200*			
Matrix Spike Dup (2335066-MSD1)				**Source: E308201-01**					Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.9	38-132	12.0	20	
Surrogate: n-Nonane	*44.5*		*50.0*		*88.9*	*50-200*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 1:01:41PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335037-BLK1)									Prepared: 08/29/23 Analyzed: 08/30/23
Chloride	ND	20.0							
LCS (2335037-BS1)									Prepared: 08/29/23 Analyzed: 08/30/23
Chloride	237	20.0	250		94.9	90-110			
Matrix Spike (2335037-MS1)				**Source: E308201-01**					Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	616	20.0	250	585	12.3	80-120			M2
Matrix Spike Dup (2335037-MSD1)				**Source: E308201-01**					Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	736	20.0	250	585	60.3	80-120	17.8	20	M2

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/23 13:01

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 1

Client: Forty Acres Energy, LLC.	Bill To	Lab Use Only
Project: State WE H Battery	Attention: eTech Environmental & Safety Solution, Inc.	Lab WO# E308207 Job Number 23007E0001
Project Manager: Erick Herrera	Address: 13000 W County Rd 100	
Address: 13000 W County Rd 100	City, State, Zip_Odessa,TX, 79765	
City, State, Zip_Odessa,TX, 79765	Phone: (432)563-2200	
Phone: (281)777-4152	Email:	
Email: erick@etechenv.com, joseph@etechenv.com	WO: N/A	
Collected by: Edyte Konan	Incident ID: naPP2321636998	

TAT: 1D | 2D | 3D | Standard: 5 day TAT

EPA Program: CWA | SDWA | RCRA

State: NM | CO | UT | AZ | TX

Analysis and Method: Depth(ft.) | TPH GRO/DRO/ORO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | GDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	BGDOC NM	GDOC TX	Remarks
12:20	8/25/2023	S	1	PH08	1	0.5'	X		
12:30	8/25/2023	S	1	PH08	2	1.5'	X		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	08/25/23	15:00	Michelle Gonzales	08-25-23	1500
Michelle Gonzales	08-25-23	1700	[signature]	8/28/23	9:55

Lab Use Only — Received on ice: (Y) / N

T1 ____ T2 ____ T3 ____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 8/28/2023 12:56:22PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Forty Acres Energy, LLC	Date Received:	08/28/23 09:55	Work Order ID:	E308207
Phone:	(281) 777-4152	Date Logged In:	08/28/23 10:14	Logged In By:	Caitlin Mars
Email:	erick@etechenv.com	Due Date:	09/01/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Project Information

Chain of Custody

Client: Forty Acres Energy, LLC.	
Project: State WE H Battery	
Project Manager: Erick Herrera	
Address: 13000 W County Rd 100	
City, State, Zip_Odessa,TX, 79765	
Phone: (281)777-4152	
Email: erick@etechenv.com, joseph@etechenv.com	
Collected by: Edyte Konan	

Bill To	
Attention: eTech Enviromental & Safety Solution, Inc.	
Address: 13000 W County Rd 100	
City, State, Zip_Odessa,TX, 79765	
Phone: (432)563-2200	
Email:	
WO: N/A	
Incident ID: naPP2321636998	

Lab Use Only: Lab WO# E308207 Job Number 23007G0001

TAT: 1D | 2D | 3D | Standard: 5 day TAT

EPA Program: CWA | SDWA | RCRA

State: NM | CO | UT | AZ | TX

Analysis and Method: Depth(ft.) | TPH GRO/DRO/ORO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | GDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	BGDOC NM	GDOC TX	Remarks
12:20	8/25/2023	S	1	PH08	1	0.5'	X		Corrected Sample name on Sample # 2 Per Client. 10/10/23 CM
12:30	8/25/2023	S	1	PH08 1'	2	~~1.5'~~	X		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	08/25/23	15:00	Michelle Gonzales	08-25-23	1500
Michelle Gonzales	08-25-23	1700	[signature]	8/28/23	9:55
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Report to:

Erick Herrera

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Forty Acres Energy, LLC

Project Name:	State WE H Battery
Work Order:	E308206
Job Number:	23007-0001
Received:	8/28/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/1/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/1/23

Erick Herrera
13000 W County RD 100
Odessa, TX 79765

Project Name: State WE H Battery
Workorder: E308206
Date Received: 8/28/2023 9:55:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/28/2023 9:55:00AM, under the Project Name: State WE H Battery.

The analytical test results summarized in this report with the Project Name: State WE H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	09/01/23 13:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH09 0.5'	E308206-01A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH09 1'	E308206-02A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:53:44PM

PH09 0.5'

E308206-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.3 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.3 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	08/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	08/31/23	
Surrogate: n-Nonane		*95.7 %*	*50-200*	*08/30/23*	*08/31/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	ND	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:53:44PM

PH09 1'

E308206-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.9 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.8 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2335066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	08/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	08/31/23	
Surrogate: n-Nonane		*96.0 %*	*50-200*	*08/30/23*	*08/31/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335037
Chloride	ND	20.0	1	08/29/23	08/31/23	

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:53:44PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335026-BLK1)									Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.41*		*8.00*		*92.6*	*70-130*			
LCS (2335026-BS1)									Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.28	0.0250	5.00		85.7	70-130			
Ethylbenzene	4.52	0.0250	5.00		90.4	70-130			
Toluene	4.56	0.0250	5.00		91.1	70-130			
o-Xylene	4.67	0.0250	5.00		93.4	70-130			
p,m-Xylene	9.35	0.0500	10.0		93.5	70-130			
Total Xylenes	14.0	0.0250	15.0		93.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.51*		*8.00*		*93.9*	*70-130*			
Matrix Spike (2335026-MS1)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.76	0.0250	5.00	ND	95.2	54-133			
Ethylbenzene	4.98	0.0250	5.00	ND	99.6	61-133			
Toluene	5.04	0.0250	5.00	ND	101	61-130			
o-Xylene	5.13	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.40*		*8.00*		*92.5*	*70-130*			
Matrix Spike Dup (2335026-MSD1)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.49	0.0250	5.00	ND	89.7	54-133	5.90	20	
Ethylbenzene	4.70	0.0250	5.00	ND	93.9	61-133	5.81	20	
Toluene	4.75	0.0250	5.00	ND	95.1	61-130	5.90	20	
o-Xylene	4.84	0.0250	5.00	ND	96.7	63-131	5.86	20	
p,m-Xylene	9.68	0.0500	10.0	ND	96.8	63-131	5.88	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.8	63-131	5.88	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.37*		*8.00*		*92.1*	*70-130*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:53:44PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335026-BLK1)									Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.88*		*8.00*		*86.0*	*70-130*			
LCS (2335026-BS2)									Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	37.5	20.0	50.0		74.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.94*		*8.00*		*86.8*	*70-130*			
Matrix Spike (2335026-MS2)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	39.4	20.0	50.0	ND	78.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.82*		*8.00*		*85.2*	*70-130*			
Matrix Spike Dup (2335026-MSD2)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	82.0	70-130	4.08	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.75*		*8.00*		*84.4*	*70-130*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:53:44PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335066-BLK1)									Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.9*		*50.0*		*91.8*	*50-200*			
LCS (2335066-BS1)									Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	234	25.0	250		93.5	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.4*	*50-200*			
Matrix Spike (2335066-MS1)				**Source: E308201-01**					Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	215	25.0	250	ND	86.0	38-132			
Surrogate: n-Nonane	*41.7*		*50.0*		*83.3*	*50-200*			
Matrix Spike Dup (2335066-MSD1)				**Source: E308201-01**					Prepared: 08/30/23 Analyzed: 08/31/23
Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.9	38-132	12.0	20	
Surrogate: n-Nonane	*44.5*		*50.0*		*88.9*	*50-200*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	9/1/2023 1:53:44PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2335037-BLK1)									Prepared: 08/29/23 Analyzed: 08/30/23
Chloride	ND	20.0							
LCS (2335037-BS1)									Prepared: 08/29/23 Analyzed: 08/30/23
Chloride	237	20.0	250		94.9	90-110			
Matrix Spike (2335037-MS1)				**Source: E308201-01**					Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	616	20.0	250	585	12.3	80-120			M2
Matrix Spike Dup (2335037-MSD1)				**Source: E308201-01**					Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	736	20.0	250	585	60.3	80-120	17.8	20	M2

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	09/01/23 13:53

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information

Chain of Custody

Client: Forty Acres Energy, LLC.	Bill To	Lab Use Only	
Project: State WE H Battery	Attention: eTech Enviromental & Safety Solution, Inc.	Lab WO# E308206	Job Number 23007000
Project Manager: Erick Herrera	Address: 13000 W County Rd 100		
Address: 13000 W County Rd 100	City, State, Zip_Odessa,TX, 79765		
City, State, Zip_Odessa,TX, 79765	Phone: (432)563-2200		
Phone: (281)777-4152	Email:		
Email: erick@etechenv.com, joseph@etechenv.com	WO: N/A		
Collected by: Edyte Konan	Incident ID: naPP2321636998		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			5 day TAT		
					RCRA

State					
NM	CO	UT	AZ	TX	

Analysis and Method

Time Sampled	Date Sampled	Matrix	No of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM		GDOC TX		Remarks
12:40	8/25/2023	S	1	PH09	1	0.5'								X				
12:50	8/25/2023	S	1	PH09	2	1'								X				

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	08/25/23	15800	Michelle Gonzales	08-25-23	1500
Michelle Gonzales	08-25-23	1700	[signature]	8/28/23	9:55

Lab Use Only

Received on Ice: (Y) / N

T1 ______ T2 ______ T3 ______

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ______

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 8/28/2023 12:51:27PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Forty Acres Energy, LLC	Date Received:	08/28/23 09:55	Work Order ID:	E308206
Phone:	(281) 777-4152	Date Logged In:	08/28/23 10:13	Logged In By:	Caitlin Mars
Email:	erick@etechenv.com	Due Date:	09/01/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Erick Herrera

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Forty Acres Energy, LLC

Project Name:	State WE H Battery
Work Order:	E308208
Job Number:	23007-0001
Received:	8/28/2023

Revision: 4

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/10/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 10/10/23

Erick Herrera
13000 W County RD 100
Odessa, TX 79765

Project Name: State WE H Battery
Workorder: E308208
Date Received: 8/28/2023 9:55:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/28/2023 9:55:00AM, under the Project Name: State WE H Battery.

The analytical test results summarized in this report with the Project Name: State WE H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

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ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/23 12:57

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH10 0.5'	E308208-01A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.
PH10 1.5'	E308208-02A	Soil	08/25/23	08/28/23	Glass Jar, 2 oz.

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 12:57:46PM

PH10 0.5'

E308208-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	**0.0594**	0.0500	1	08/28/23	08/30/23	
Total Xylenes	**0.0594**	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*91.3 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.0 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335061
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	08/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	08/30/23	
Surrogate: n-Nonane		*93.9 %*	*50-200*	*08/30/23*	*08/30/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335039
Chloride	**412**	20.0	1	08/29/23	08/31/23	

Sample Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 12:57:46PM

PH10 1.5'

E308208-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Benzene	ND	0.0250	1	08/28/23	08/30/23	
Ethylbenzene	ND	0.0250	1	08/28/23	08/30/23	
Toluene	ND	0.0250	1	08/28/23	08/30/23	
o-Xylene	ND	0.0250	1	08/28/23	08/30/23	
p,m-Xylene	ND	0.0500	1	08/28/23	08/30/23	
Total Xylenes	ND	0.0250	1	08/28/23	08/30/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2335026
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/23	08/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.5 %*	*70-130*	*08/28/23*	*08/30/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2335061
Diesel Range Organics (C10-C28)	ND	25.0	1	08/30/23	08/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/30/23	08/30/23	
Surrogate: n-Nonane		*89.3 %*	*50-200*	*08/30/23*	*08/30/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2335039
Chloride	**210**	20.0	1	08/29/23	08/31/23	

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 12:57:46PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335026-BLK1)									Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.41*		*8.00*		*92.6*	*70-130*			
LCS (2335026-BS1)									Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.28	0.0250	5.00		85.7	70-130			
Ethylbenzene	4.52	0.0250	5.00		90.4	70-130			
Toluene	4.56	0.0250	5.00		91.1	70-130			
o-Xylene	4.67	0.0250	5.00		93.4	70-130			
p,m-Xylene	9.35	0.0500	10.0		93.5	70-130			
Total Xylenes	14.0	0.0250	15.0		93.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.51*		*8.00*		*93.9*	*70-130*			
Matrix Spike (2335026-MS1)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.76	0.0250	5.00	ND	95.2	54-133			
Ethylbenzene	4.98	0.0250	5.00	ND	99.6	61-133			
Toluene	5.04	0.0250	5.00	ND	101	61-130			
o-Xylene	5.13	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.40*		*8.00*		*92.5*	*70-130*			
Matrix Spike Dup (2335026-MSD1)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Benzene	4.49	0.0250	5.00	ND	89.7	54-133	5.90	20	
Ethylbenzene	4.70	0.0250	5.00	ND	93.9	61-133	5.81	20	
Toluene	4.75	0.0250	5.00	ND	95.1	61-130	5.90	20	
o-Xylene	4.84	0.0250	5.00	ND	96.7	63-131	5.86	20	
p,m-Xylene	9.68	0.0500	10.0	ND	96.8	63-131	5.88	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.8	63-131	5.88	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.37*		*8.00*		*92.1*	*70-130*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 12:57:46PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335026-BLK1)									Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.88*		*8.00*		*86.0*	*70-130*			
LCS (2335026-BS2)									Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	37.5	20.0	50.0		74.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.94*		*8.00*		*86.8*	*70-130*			
Matrix Spike (2335026-MS2)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	39.4	20.0	50.0	ND	78.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.82*		*8.00*		*85.2*	*70-130*			
Matrix Spike Dup (2335026-MSD2)				**Source: E308205-02**					Prepared: 08/28/23 Analyzed: 08/30/23
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	82.0	70-130	4.08	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.75*		*8.00*		*84.4*	*70-130*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 12:57:46PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335061-BLK1)									Prepared: 08/30/23 Analyzed: 08/30/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*48.0*		*50.0*		*96.0*	*50-200*			
LCS (2335061-BS1)									Prepared: 08/30/23 Analyzed: 08/30/23
Diesel Range Organics (C10-C28)	244	25.0	250		97.5	38-132			
Surrogate: n-Nonane	*50.8*		*50.0*		*102*	*50-200*			
Matrix Spike (2335061-MS1)				**Source: E308208-01**					Prepared: 08/30/23 Analyzed: 08/30/23
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132			
Surrogate: n-Nonane	*50.0*		*50.0*		*100*	*50-200*			
Matrix Spike Dup (2335061-MSD1)				**Source: E308208-01**					Prepared: 08/30/23 Analyzed: 08/30/23
Diesel Range Organics (C10-C28)	261	25.0	250	ND	105	38-132	0.163	20	
Surrogate: n-Nonane	*50.0*		*50.0*		*100*	*50-200*			

QC Summary Data

Forty Acres Energy, LLC	Project Name:	State WE H Battery	**Reported:**
13000 W County RD 100	Project Number:	23007-0001	
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/2023 12:57:46PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2335039-BLK1)									Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	ND	20.0							
LCS (2335039-BS1)									Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	240	20.0	250		96.2	90-110			
Matrix Spike (2335039-MS1)				**Source: E308208-01**					Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	699	20.0	250	412	114	80-120			
Matrix Spike Dup (2335039-MSD1)				**Source: E308208-01**					Prepared: 08/29/23 Analyzed: 08/31/23
Chloride	662	20.0	250	412	100	80-120	5.33	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Forty Acres Energy, LLC	Project Name:	State WE H Battery	
13000 W County RD 100	Project Number:	23007-0001	**Reported:**
Odessa TX, 79765	Project Manager:	Erick Herrera	10/10/23 12:57

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 1

Client: Forty Acres Energy, LLC.	
Project: State WE H Battery	
Project Manager: Erick Herrera	
Address: 13000 W County Rd 100	
City, State, Zip_Odessa,TX, 79765	
Phone: (281)777-4152	
Email: erick@etechenv.com, joseph@etechenv.com	
Collected by: Edyte Konan	

Bill To	Lab Use Only	TAT	EPA Program
Attention:eTech Enviromental & Safety Solution, Inc.	Lab WO# E308208 / Job Number 23007-0001	1D 2D 3D Standard: 5 day TAT	CWA SDWA RCRA
Address: 13000 W County Rd 100			
City, State, Zip_Odessa,TX, 79765			
Phone: (432)563-2200			
Email:			
WO: N/A			
Incident ID: naPP2321636998			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM		GDOC TX		Remarks
13:00	8/25/2023	S	1	PH10	1	0.5'								X				
13:10	8/25/2023	S	1	PH10	2	1'								X				

State: NM | CO | UT | AZ | TX

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	08/25/23	15:00	Michelle Gonzales	08-25-23	1500
Michelle Gonzales	08-25-23	1700		8/28/23	9:55

Lab Use Only
Received on ice: Y / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report

envirotech

Envirotech Analytical Laboratory

Printed: 8/28/2023 1:03:53PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Forty Acres Energy, LLC	Date Received:	08/28/23 09:55	Work Order ID:	E308208
Phone:	(281) 777-4152	Date Logged In:	08/28/23 10:15	Logged In By:	Caitlin Mars
Email:	erick@etechenv.com	Due Date:	09/01/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Client: Forty Acres Energy, LLC.	**Bill To**
Project: State WE H Battery	Attention: eTech Enviromental & Safety Solution, Inc.
Project Manager: Erick Herrera	Address: 13000 W County Rd 100
Address: 13000 W County Rd 100	City, State, Zip_Odessa,TX, 79765
City, State, Zip_Odessa,TX, 79765	Phone: (432)563-2200
Phone: (281)777-4152	Email:
Email: erick@etechenv.com, joseph@etechenv.com	WO: N/A
Collected by: Edyte Konan	Incident ID: naPP2321636998

Lab Use Only	
Lab WO#	Job Number
E308208	23007-0001

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			5 day TAT		
					RCRA

State: NM | CO | UT | AZ | TX

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM		GDOC TX		Remarks
13:00	8/25/2023	S	1	PH10	1	0.5'								X				Corrected Sample name on Sample #2. Per Client. 10/10/23 CM
13:10	8/25/2023	S	1	PH10 1.5'	2	~~1'~~								X				

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	08/25/23	15:00	Michelle Gonzales	08-25-23	1500
Michelle Gonzales	08-25-23	1700	Caitlin Man	8/28/23	9:55

Lab Use Only
Received on ice: (Y) / N
T1 ______ T2 ______ T3 ______
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ______

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

APPENDIX G

NMOCD Notifications

Erick Herrera

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Thursday, August 17, 2023 9:22 AM
To: Erick Herrera
Cc: Bratcher, Michael, EMNRD; Velez, Nelson, EMNRD
Subject: RE: [EXTERNAL] (40 Acres Energy - Site Sampling Notification) 8/22 - 8/25/23

Good morning Erick,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520|Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Erick Herrera <erick@etechenv.com>
Sent: Thursday, August 17, 2023 8:11 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Ryan Swift <ryan@faenergyus.com>; James Martinez <james@faenergyus.com>; Joseph Hernandez <joseph@etechenv.com>; Anna Byers <anna@etechenv.com>; Gilbert Moreno <gilbert@etechenv.com>
Subject: [EXTERNAL] (40 Acres Energy - Site Sampling Notification) 8/22 - 8/25/23

Good morning,

40 Acres Energy anticipates conducting confirmation soil sampling activities at the following sites from August 22nd through August 25th.

Proposed Date: August 22, 2023, August 23, 2023, August 24, 2023, August 25, 2023
Proposed Timeframe: 0800 – 1700 hrs.
Site Name: West Eumont Unit #417/LW2 Battery
Incident Number: nAPP2222156995
API#: 30-025-44254

Proposed Date: August 22, 2023, August 23, 2023, August 24, 2023, August 25, 2023
Proposed Timeframe: 0800 – 1700 hrs.
Site Name: State WE H Battery
Incident Number: nAPP2321636998

API#: 30-025-03372

Proposed Date: August 22, 2023, August 23, 2023, August 24, 2023, August 25, 2023
Proposed Timeframe: 0800 – 1700 hrs.
Site Name: Atlantic State #003
Incident Number: nAPP2321654246
API#: 30-025-03508

Thank you,

Erick Herrera
Staff Geologist

Work: (432) 305-6416
Cell: (281) 777-4152

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 274600

CONDITIONS

Operator: FORTY ACRES ENERGY, LLC 11757 KATY FWY HOUSTON, TX 77079173	OGRID: 371416
	Action Number: 274600
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	12/22/2023