Remediation Summary & Soil Closure Request

Mewbourne Oil Company Red Hills West Unit 27 Battery

Lea County, New Mexico
Unit Letter "O", Section 9, Township 26 South, Range 32 East
Latitude 32.05274° North, Longitude 103.67691° West
NMOCD Reference No. nAPP2521353327

Prepared By:

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October 10, 2025

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1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Mewbourne Oil Company, has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Red Hills West 27 Battery (henceforth, "Site"). Details of the release are summarized below:

Latitude:	32.052	274	Longitude		-103.67691			
		Provide	d GPS are in WGS84 for					
Site Name: Red	Hills West	Unit 27 Battery	Site Type:		Pipeline			
Date Release Discovere	ed:	7/19/2025	API # (if appl	N/A				
	ction	Township	Range	County				
"O"	9	26S	32E	Lea				
Surface Owner: Sta	ate X Fe	deral Tribal	Private (Na	ame				
<u> </u>		Natura ar	— 1d Volume of	Ralansa				
	_	mature ar	iu voiuille Ul	Reicast				
Crude Oil	Volume 1	Released (bbls)		Volume Recove	red (bbls)			
X Produced Water	Volume 1	Released (bbls)	215	Volume Recovered (bbls) 16				
		ncentration of dissourced water > 10,000		X Yes No No N/A				
Condensate	Volume	Released (bbls)		Volume Recove	red (bbls)			
Natural Gas	Volume	Released (Mcf)		Volume Recove	red (Mcf)			
Other (describe)	Volume/	Weight Released		Volume/Weight	Recovered			
Cause of Release:								
Equipment Failure - P	ipeline							
		In	itial Response					
		111	iidai ixesponse					
X The source of the r	elease has	peen stopped.						
X The impacted area	has been se	ecured to protect hu	man health and the	environment.				
X Release materials l	nave been c	ontained via the use	of berms or dikes,	absorbent pad, or	other containment devices			

Previously submitted portions of the New Mexico Oil Conservation Division (NMOCD) Form C-141 are available in the NMOCD Permitting system.

2.0 SITE CHARACTERIZATION

What is the shallowest depth to groundwater (DTW) beneath the area affected by the release in feet below ground surface (bgs)?	Between 100 and 500 (ft.)
What method was used to determine the depth to groundwater?	NM OSE iWaters Database Search
Did the release impact groundwater or surface water?	Yes X No
What is the minimum distance between the closest lateral extents of the release and the following surface areas?	
A continuously flowing watercourse or any other significant watercourse?	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution or church?	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Between 1 and 5 (mi.)
Any other fresh water well or spring?	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field?	Greater than 5 (mi.)
A wetland?	Between 1 and 5 (mi.)
A subsurface mine?	Greater than 5 (mi.)
A (non-karst) unstable area?	Between 1 and 100 (ft.)
Categorize the risk of this well/site being in a karst geology.	Low
A 100-year floodplain?	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production or storage site?	X Yes No

Based on a review of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS), as well as previous interviews with other operators in the area, the probable depth to groundwater at the Site is estimated to be greater than 100 feet bgs.

On January 8, 2024, in conjunction with an unrelated release (Incident ID #nJXK1608134606), an exploratory soil boring (NMOSE well C-04787-POD1) was drilled approximately 0.4 miles southeast of the Site by a third-party environmental contractor. According to the associated drilling log provided in the *Revised Closure Report* for the release (Submission ID #332958), the soil boring was advanced to a total depth of 57 feet bgs and was noted to be "dry" both while drilling and upon completion. The drilling log and additional depth to groundwater information are provided in Appendix A.

A review of both recent and historical aerial imagery of the Site and the surrounding area identified an ephemeral wash adjacent to a portion of the affected area. However, the wash does not satisfy the criteria for a "significant watercourse," as defined in Subsection P of 19.15.17.7 of the New Mexico Administrative Code (NMAC), as it is neither "named or identified by a dashed blue line on a USGS 7.5 minute quadrangle map or the next lower order tributary with a defined bed and bank of such watercourse." It also does not satisfy the criteria for a "wetland," as defined in Subsection W(9) of 19.15.2.7 NMAC: "'Wetlands' means those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions in New Mexico." Furthermore, although the wash may be considered an "unstable area," the affected area is not within the wash; therefore, the release does not satisfy the criteria set forth in Subsection C(4)(g) of 19.15.29.12 NMAC.

A karst study of the affected area was conducted by an additional third-party environmental contractor on August 4, 2025. According to the *Environmental Karst Study Report* dated August 13, 2025, "No surface karst features exist within the 200-foot (61-meter) perimeter of the spill delineation boundary. No anomalies consistent with subsurface air- or water-filled voids

were found within the RH27 resistivity survey area, indicating the zone beneath the geophysical survey is not subject to collapse. Well layered stratigraphy is interpreted to exist beneath the area where the geophysical survey was conducted, indicating stable ground." The karst study report is provided as Appendix E.

Additional NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish and Wildlife Services (FWS) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted in Figures 1, 2A, 2B, and 5.

3.0 INITIAL SITE ASSESSMENT

On June 29, 2025, Etech conducted an initial site assessment. During the site assessment, test trenches and/or hand-augered soil bores (SP 2, SP 4, and SP 6 through SP 16) were advanced within the release margins to determine the vertical extent of impacted soil. In addition, hand-augered soil bores (NH 1, EH 1, SH 1, and WH 1) were advanced at the inferred edges of the affected area to determine the horizontal extent of impacted soil. During the advancement of the soil bores/test trenches, soil samples were collected and field-screened for concentrations of chloride utilizing a Hach Quantab ® chloride test kit and/or the presence of Volatile Organic Compounds (VOCs) utilizing olfactory/visual senses.

Based on field observations and field test data, a total of 34 delineation soil samples (NH 1 @ Sur, NH 1 @ 1', EH 1 @ Sur, EH 1 @ 1', SH 1 @ Sur, SH 1 @ 1', SH 1 @ Sur, SH 1 @ 1', SH 1 @ Sur, SH 1 @ 1', SP 2 @ Sur, SP 2 @ 1', SP 4 @ Sur, SP 4 @ 4', SP 6 @ Sur, SP 6 @ 1', SP 7 @ Sur, SP 7 @ 2', SP 8 @ Sur, SP 8 @ 1', SP 9 @ Sur, SP 9 @ 1', SP 10 @ Sur, SP 10 @ 1', SP 11 @ Sur, SP 11 @ Sur, SP 11 @ 1', SP 12 @ Sur, SP 12 @ 1', SP 13 @ Sur, SP 13 @ 1', SP 14 @ Sur, SP 14 @ 1', SP 15 @ Sur, SP 15 @ 1', SP 16 @ Sur, and SP 16 @ 1') were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that the horizontal extent of impacted soil was adequately defined, and the vertical extent of impacted soil ranged from one (1) foot bgs in the areas characterized by sample points SP 2, SP 6, and SP 8 through SP 16 to four (4) feet bgs in the area characterized by sample point SP 4.

On August 5, 2025, Etech returned to the Site to continue delineation of the affected area. Test trenches and/or hand-augered soil bores were advanced within the release margins to further investigate the vertical extent of impacted soil. Based on field test results and field observations, three (3) additional delineation soil samples (SP 1 @ 5', SP 3 @ 3', and SP 5 @ 2') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that the vertical extent of impacted soil was adequately defined and ranged from two (2) feet bgs in the area characterized by sample point SP 5 to five (5) feet bgs in the area characterized by sample point SP 1.

On August 8, 2025, Etech collected two (2) additional delineation soil samples (SP 1 @ Sur and SP 13 @ 2') from ground surface in the area characterized by sample point SP 1 and at approximately two (2) feet bgs in the area characterized by sample point SP 13. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that the vertical extent of impacted soil was adequately defined in the areas characterized by sample points SP 1 and SP 13.

The locations of the test trenches and hand-augered soil bores are depicted in Figure 3A, "Sample Location Map - Delineation".

4.0 REGULATORY APPROVALS & STIPULATIONS

On September 9, 2025, based on the information summarized in Sections 2.0 and 3.0 above, Mewbourne Oil Company submitted a *Site Assessment Summary, Proposed Remediation Plan & Alternative Sampling Plan* to the NMOCD requesting an alternative sampling plan comprised of five-point composite confirmation samples collected from the floor of the excavated area at intervals representing no more than 400 square feet. It was also requested that the Closure Criteria for the Site be revised to the Table 1 standards for a release where the depth to groundwater is between 51 and 100 feet bgs.

On September 12, 2025, the requests were conditionally approved by the NMOCD, with the following stipulations: "All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. The variance request for 400' sampling is approved. Confirmation samples should be collected every 400 ft². The work will need to occur in 90 days after the work plan has been reviewed."

The revised Closure Criteria for the Site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†
	Chloride (Cl-)	EPA** 300.0 or SM4500 Cl B	10,000
Between 100 and	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500
500 (ft.)	Gas Range Organics + Diesel Range Organics (GRO+DRO)	EPA SW-846 Method 8015M	1,000
300 (II.)	Benzene	EPA SW-846 Methods 8021b or 8260b	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50

^{*} Measured in milligrams per kilogram (mg/kg)

The complete text of the Site Assessment Summary, Proposed Remediation Plan & Alternative Sampling Plan is available in the NMOCD Permitting system. Copies of all regulatory correspondence are provided in Appendix F.

5.0 REMEDIATION ACTIVITIES SUMMARY

On August 7, 2025, remediation activities commenced at the Site. Impacted soil affected above the revised Closure Criteria was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a chloride test kit were utilized to field-screen the horizontal extent of impacted soil and to guide the excavation. The excavation floor was advanced until field tests and field observations suggested that BTEX, TPH, and chloride concentrations were below the revised Closure Criteria. In accordance with NMOCD stipulations, the excavation sidewalls were advanced to 600 mg/kg chloride and 100 mg/kg TPH. Representative five-point composite confirmation soil samples were collected every 400 square feet to be submitted for laboratory analysis.

On August 8, 2025, Etech collected 41 confirmation soil samples (FL 1 @ 0–3" through FL 41 @ 0–3") from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria in each of the submitted soil samples, with the exception of samples FL 6 @ 0–3", FL 10 @ 0–3", and FL 14 @ 0–3", which exceeded the Closure Criterion for chloride. Based on these laboratory analytical results, the excavation was subsequently further advanced in the areas characterized by samples FL 6 @ 0–3", FL 10 @ 0–3", and FL 14 @ 0–3".

On August 11, 2025, Etech collected 42 confirmation soil samples (FL 43 @ 0–3" through FL 84 @ 0–3") from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria in each of the submitted soil samples, with the exception of samples FL 75 @ 0–3" and FL 76 @ 0–3", which exceeded the Closure Criterion for chloride. Based on these laboratory analytical results, the excavation was subsequently further advanced in the areas characterized by samples FL 75 @ 0–3" and FL 76 @ 0–3".

On August 12, 2025, Etech collected 85 confirmation soil samples (FL 85 @ 0–3" through FL 151 @ 0–3", NW 1 through NW 4, EW 1 through EW 5, SW 1 through SW 4, and WW 1 through WW 5) from the floor and sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria in each of the submitted

^{**} Environmental Protection Agency

[†] Table I of Section 19.15.29.12 NMAC

soil samples, with the exception of sample FL 130 @ 0–3", which exceed the Closure Criterion for chloride. Based on these laboratory analytical results, the excavation was subsequently further advanced in the area characterized by sample FL 130 @ 0-3".

On August 19, 2025, Etech collected five (5) confirmation soil samples (FL 6 @ 6", FL 10 @ 6", FL 14 @ 6", FL 75 @ 6", and FL 76 @ 6") from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria in each of the submitted soil samples.

On August 20, 2025, Etech collected one (1) confirmation soil sample (FL 130 @ 6") from the floor of the excavated area. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria.

The final dimensions of the excavated area were approximately 278 to 392 feet in length, nine (9) to 133 feet in width, and three (3) to six (6) inches in depth. During the course of remediation activities, Etech transported approximately 180 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported 180 cubic yards of locally sourced, non-impacted material to the Site for use as backfill.

Confirmation soil sample locations and the extent of the excavated area are depicted in Figure 3B, "Sample Location Map - Excavation". Soil chemistry data is summarized in Table 1. Field data and a soil profile log are provided in Appendix B. General photographs of the release site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D. Copies of all regulatory correspondence are provided in Appendix F.

6.0 REMEDIATION CLOSURE REQUEST

Remediation activities were conducted in accordance with the NMOCD-approved *Site Assessment Summary, Proposed Remediation Plan & Alternative Sampling Plan*. Impacted soil affected above the Revised Closure Criteria and/or NMOCD Reclamation Standards was excavated and transported to an NMOCD-permitted disposal facility. Laboratory analytical results from confirmation soil samples indicate that in-situ concentrations of BTEX, TPH, and chloride are below the applicable Revised Closure Criteria and/or NMOCD Reclamation Standards.

Based on laboratory analytical results and field activities conducted to date, Etech recommends that Mewbourne Oil Company provide copies of this *Remediation Summary & Soil Closure Request* to the appropriate agencies and request remediation closure approval be granted to the Site.

7.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

Upon receipt of all confirmation soil sample results, areas affected by remediation and closure activities were restored to the condition that existed prior to the release, to the extent practicable. The excavation was backfilled with non-impacted, "like" material sourced from the nearby Battle Axe Ranch borrow pit and emplaced at or near original relative positions. The affected areas were compacted and contoured to achieve erosion control, stability, and preservation of surface water flow, to the extent practicable.

On October 7, 2025, a 5-point composite soil sample (Backfill Pit) was collected at the Battle Axe Ranch Pit to ensure that material obtained from therein was suitable for use as backfill at remediation/reclamation sites in the area. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride concentrations. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable Closure Criteria for the Site and NMOCD Reclamation Standards (600 mg/kg chloride and 100 mg/kg TPH), confirming that material obtained from the Battle Axe Ranch Pit was acceptable for use as backfill.

The release was limited to the production pad of an active tank battery and did not impact the adjacent pasture. Final reclamation and revegetation will be conducted upon decommissioning and abandonment of the facility. The reclaimed area will be revegetated with an agency and/or landowner-approved seed mix during the first favorable growing season following closure of the facility. The seed mix will be certified as weed-free and installed at the prescribed rate utilizing either a seed drill or a broadcaster and harrow.

8.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Remediation Summary & Soil Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced 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.

This report has been prepared for the benefit of Mewbourne Oil Company. Use of the information contained in this report is prohibited without the consent of Etech and/or Mewbourne Oil Company.

9.0 DISTRIBUTION

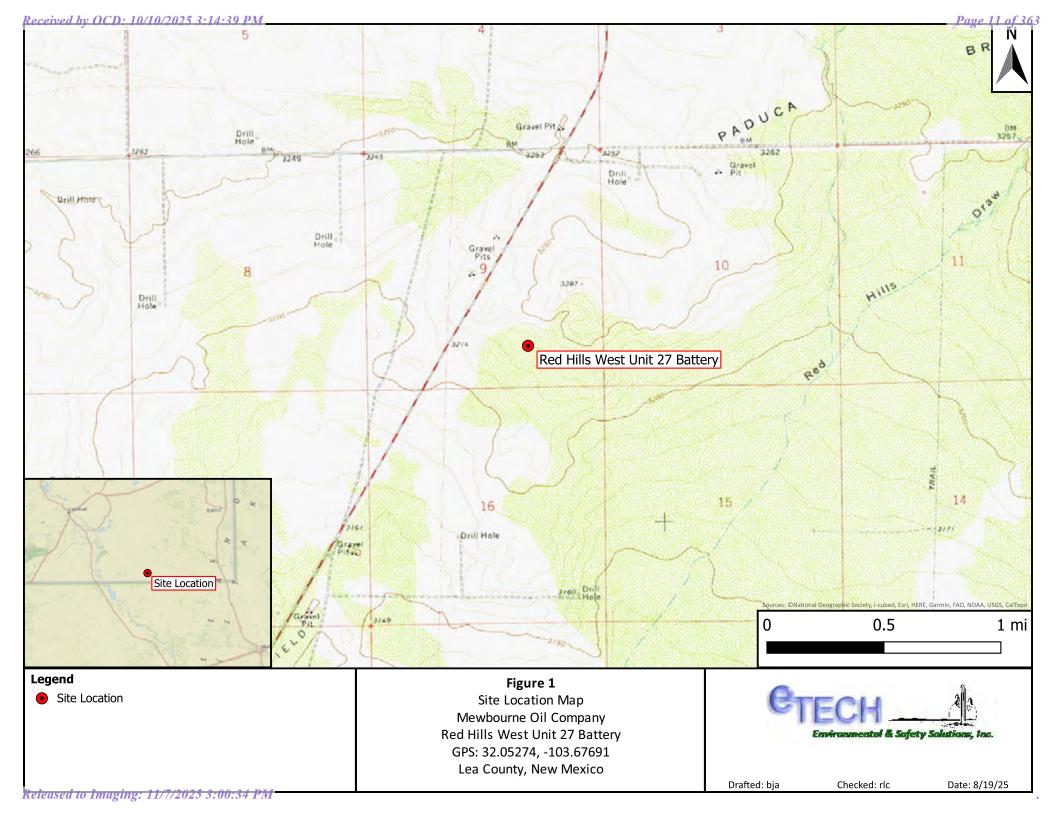
Mewbourne Oil Company 4801 Business Park Blvd. Hobbs, NM 88240

New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division, District 1 1220 South St. Francis Drive Santa Fe, NM 87505

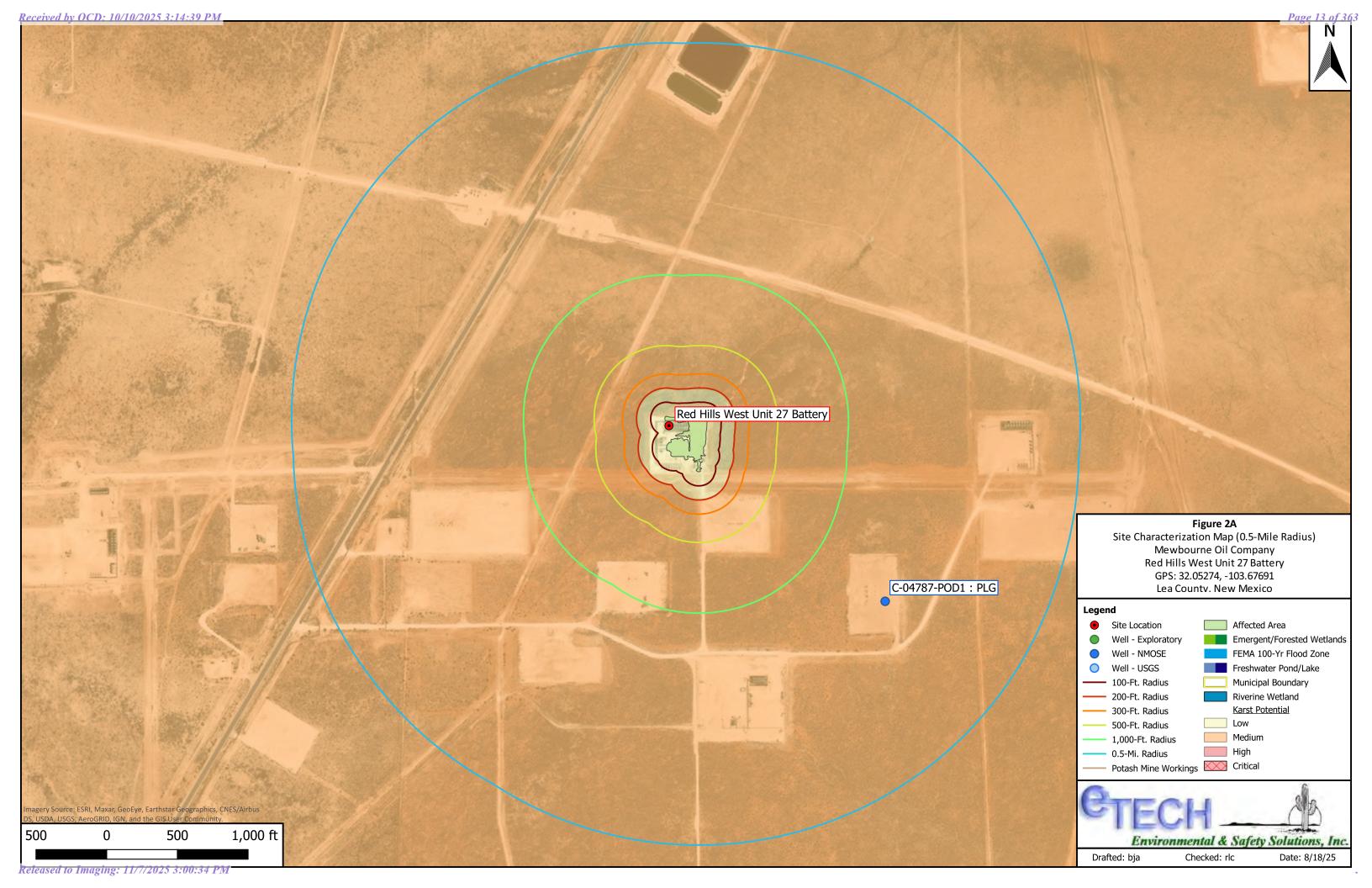
United States Department of the Interior Bureau of Land Management 620 E. Greene Street Carlsbad, NM 88220

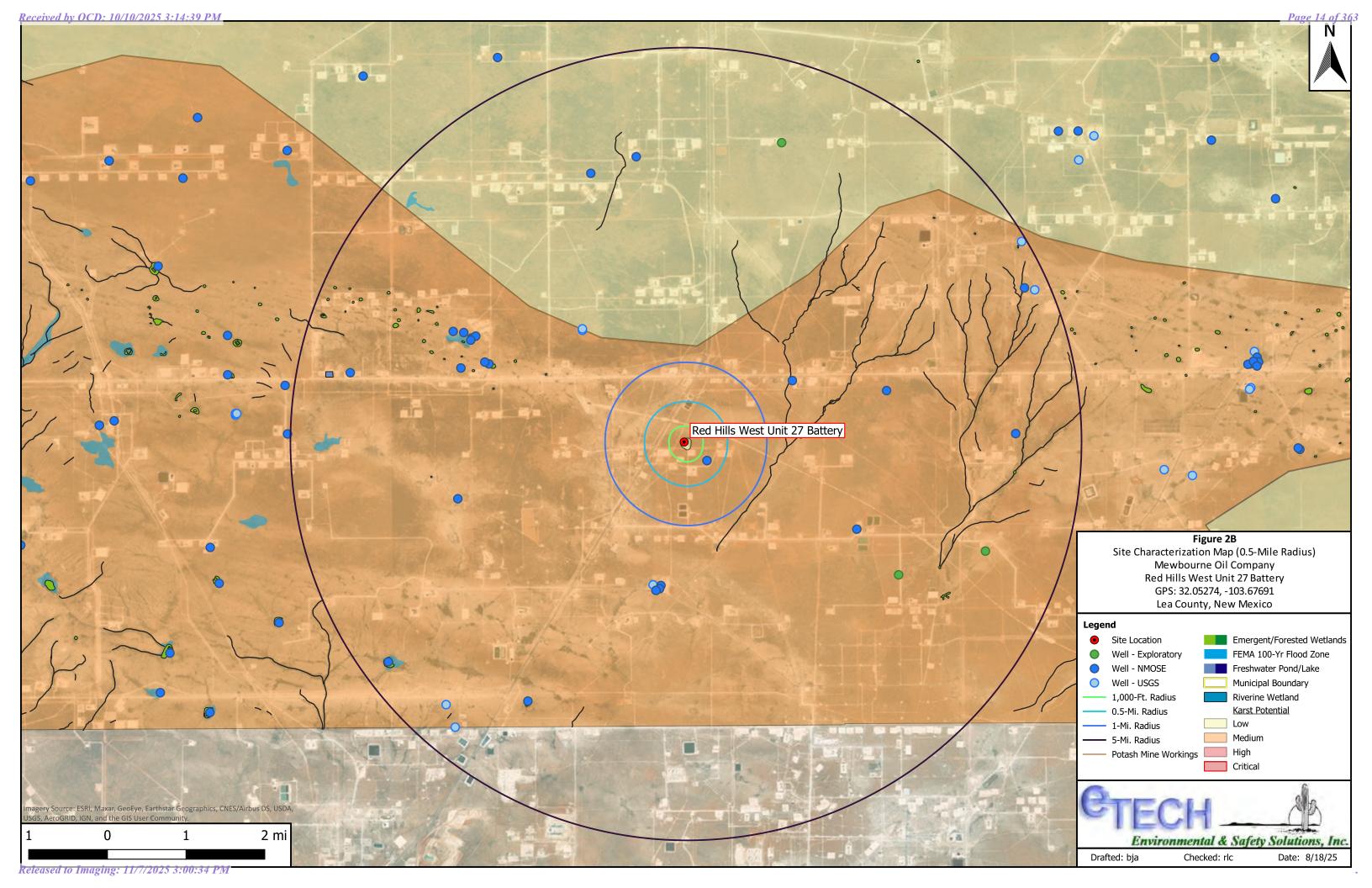
(Electronic Submission)

Figure 1 Site Location Map

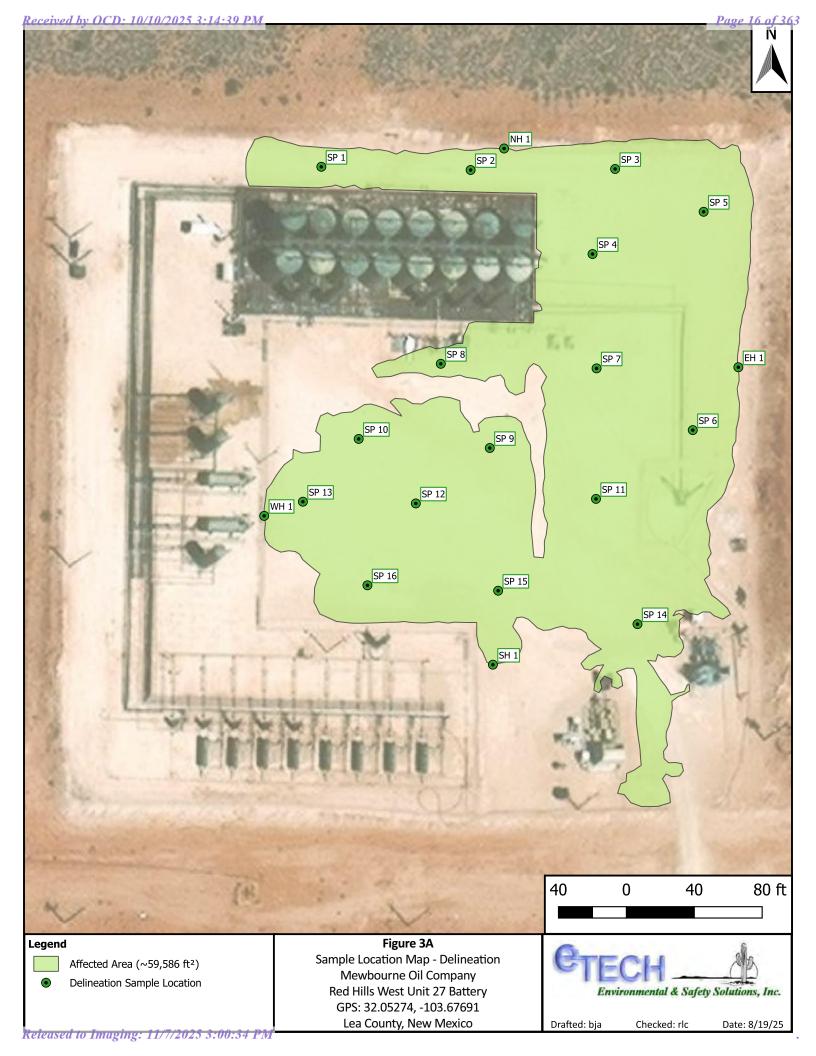


Figures 2A & 2B Site Characterization Maps





Figures 3A & 3B Sample Location Maps



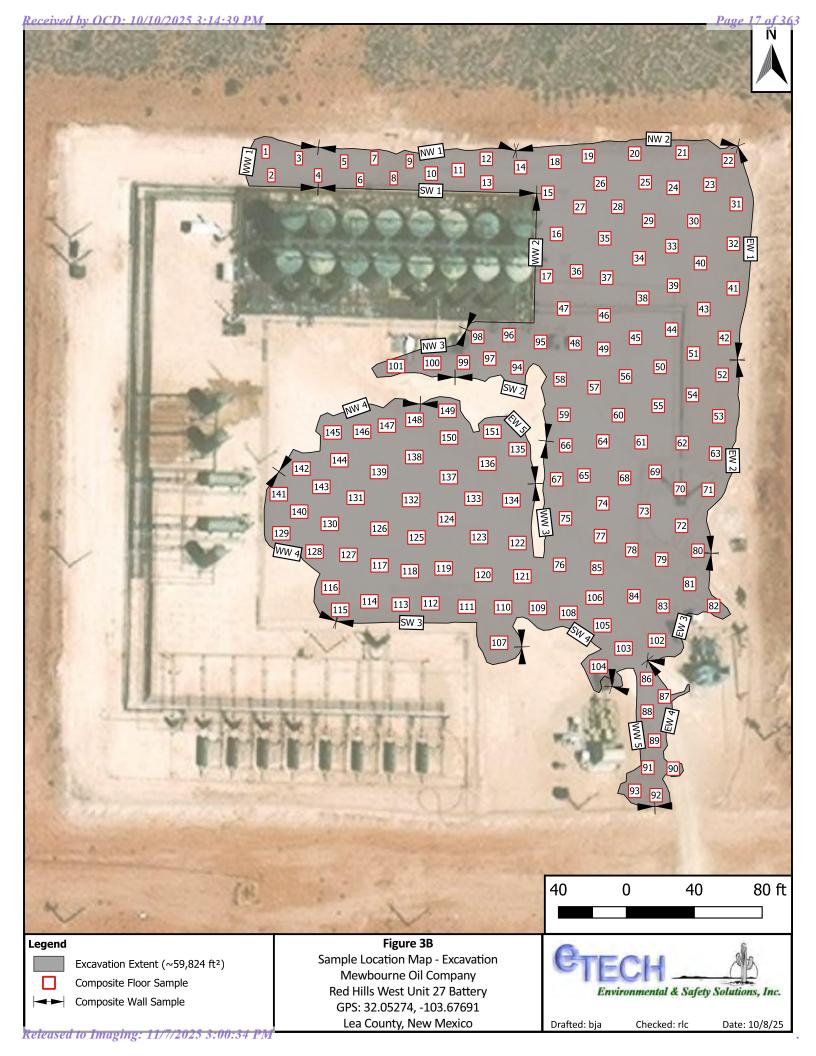


Table 1 Concentrations of BTEX, TPH & Chloride in Soil

Concentrations of BTEX, TPH & Chloride in Soil

Mewbourne Oil Company

Red Hills West Unit 27 Battery NMOCD Ref. #: nAPP2521353327

NMOCD Ref. #: nAPP2521353327												
	NMOCD Clos	sure Crite	eria		10	50	N/A	N/A	1,000	N/A	2,500	10,000
NN	AOCD Reclan	nation Sta	ndard		10	50	N/A	N/A	N/A	N/A	100	600
					SW 840	6 8021B		SW 8		Ext.		4500 Cl
Sample ID	Date	Depth (Feet)	Туре	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
NH 1 @ Sur	7/29/2025	0	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
NH 1 @ 1'	7/29/2025	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
EH 1 @ Sur	7/29/2025	0	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
EH 1 @ 1'	7/29/2025	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
SH 1 @ Sur	7/29/2025	0	D	In-Situ	< 0.050	< 0.300	<10.0	12.1	12.1	<10.0	12.1	224
SH 1 @ 1'	7/29/2025	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
WH 1 @ Sur	7/29/2025	0	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
WH 1 @ 1'	7/29/2025	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
SP 1 @ Sur	8/8/2025	0	D	Excavated	< 0.050	< 0.300	<10.0	252	252	64.0	316	5,760
SP 1 @ 5'	8/5/2025	5	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
SP 2 @ Sur	7/29/2025	0	D	Excavated	< 0.050	< 0.300	<10.0	16.9	16.9	<10.0	16.9	8,800
SP 2 @ 1'	7/29/2025	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
SP 3 @ 3'	8/5/2025	3	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP 4 @ Sur	7/29/2025	0	D	Excavated	< 0.050	< 0.300	<10.0	26.3	26.3	<10.0	26.3	7,330
SP 4 @ 4'	7/29/2025	4	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
SP 5 @ 2'	8/5/2025	2	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
SP 6 @ Sur	7/29/2025	0	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,000
SP 6 @ 1'	7/29/2025	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SP 7 @ Sur	7/29/2025	0	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,930
SP 7 @ 2'	7/29/2025	2	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
SP 8 @ Sur	7/29/2025	0	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,860
SP 8 @ 1'	7/29/2025	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP 9 @ Sur	7/29/2025	0	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,680
SP 9 @ 1'	7/29/2025	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SP 10 @ Sur	7/29/2025	0	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,920
SP 10 @ 1'	7/29/2025	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SP 11 @ Sur	7/29/2025	0	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,320
SP 11 @ 1'	7/29/2025	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SP 12 @ Sur	7/29/2025	0	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,360
SP 12 @ 1'	7/29/2025	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
SP 13 @ Sur	7/29/2025	0	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,100
SP 13 @ 1'	7/29/2025	1	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	656
SP 13 @ 2'	8/8/2025	2	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SP 14 @ Sur	7/29/2025	0	D	Excavated	< 0.050	< 0.300	<10.0	28.6	28.6	<10.0	28.6	6,240
SP 14 @ 1'	7/29/2025	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
SP 15 @ Sur	7/29/2025	0	D	Excavated	< 0.050	< 0.300	<10.0	10.4	10.4	<10.0	10.4	6,000
SP 15 @ 1'	7/29/2025	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SP 16 @ Sur	7/29/2025	0	D	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,360
SP 16 @ 1'	7/29/2025	1	D	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 1 @ 0-3"	8/8/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	642	642	160	802	2,320
FL 2 @ 0-3"	8/8/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	468	468	121	589	2,920
Dash (-): Sample not analy Bold: NMOCD Closure Crit		uent.			A - Assessr B - Backgro		Backfill Other					

Dash (-): Sample not analyzed for that constituent. **Bold:** NMOCD Closure Criteria exceedance. Red: NMOCD Reclamation Standard exceedance.

 ${\sf Red\ Border\ with\ Shading:\ Highest\ observed\ concentration.}$

B - Background

C - Confirmation

O - Other R - Deferral

D - Delineation

Concentrations of BTEX, TPH & Chloride in Soil

Mewbourne Oil Company

Red Hills West Unit 27 Battery NMOCD Ref. #: nAPP2521353327

NMOCD Ref. #: nAPP2521353327												ı
	NMOCD Clos				10	50	N/A	N/A	1,000	N/A	2,500	10,000
NM	IOCD Reclan	nation Sta	ındard		10	50	N/A	N/A	N/A	N/A	100	600
					SW 840	5 8021B		SW	846 8015M	Ext.	1	4500 Cl
Sample ID	Date	Depth (Feet)	Туре	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 3 @ 0-3"	8/8/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,520
FL 4 @ 0-3"	8/8/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	550	550	137	687	2,560
FL 5 @ 0-3"	8/8/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	69.5	69.5	17.9	87.4	3,400
FL 6 @ 0-3"	8/8/2025	0.25	C	Excavated	< 0.050	< 0.300	<10.0	203	203	60.3	263	15,100
FL 6 @ 6"	8/19/2025	0.5	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,200
FL 7 @ 0-3"	8/8/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,900
FL 8 @ 0-3"	8/8/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,760
FL 9 @ 0-3"	8/8/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	42.3	42.3	21.2	63.5	6,560
FL 10 @ 0-3"	8/8/2025	0.25	C	Excavated	< 0.050	< 0.300	<10.0	98.8	98.8	45.5	144	11,000
FL 10 @ 6"	8/19/2025	0.5	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,200
FL 11 @ 0-3"	8/8/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,200
FL 12 @ 0-3"	8/8/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,080
FL 13 @ 0-3"	8/8/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	27.9	27.9	13.2	41.1	5,520
FL 14 @ 0-3"	8/8/2025	0.25	C	Excavated	< 0.050	< 0.300	<10.0	159	159	67.3	226	10,500
FL 14 @ 6"	8/19/2025	0.5	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,080
FL 15 @ 0-3"	8/8/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,040
FL 16 @ 0-3"	8/8/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,120
FL 17 @ 0-3"	8/8/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	79.1	79.1	29.7	109	3,920
FL 18 @ 0-3"	8/8/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	112	112	44.2	156	4,160
FL 19 @ 0-3"	8/8/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	17.4	17.4	<10.0	17.4	4,080
FL 20 @ 0-3"	8/8/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	22.1	22.1	<10.0	22.1	4,240
FL 21 @ 0-3"	8/8/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
FL 22 @ 0-3"	8/8/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	688
FL 23 @ 0-3"	8/8/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	31.8	31.8	13.1	44.9	2,600
FL 24 @ 0-3"	8/8/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	14.1	14.1	<10.0	14.1	1,620
FL 25 @ 0-3"	8/8/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	82.4	82.4	41.4	124	6,400
FL 26 @ 0-3"	8/8/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,280
FL 27 @ 0-3"	8/8/2025		С	In-Situ	<0.050	<0.300	<10.0	73.6	73.6	38.6	112	5,000
FL 28 @ 0-3"	8/8/2025	0.25	С	In-Situ	<0.050	<0.300	<10.0	61.3	61.3	19.7	81.0	9,840
FL 29 @ 0-3"	8/8/2025	0.25	С	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,180
FL 30 @ 0-3"	8/8/2025	0.25	С	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,840
FL 31 @ 0-3"	8/8/2025	0.25	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,240
FL 32 @ 0-3"	8/8/2025	0.25	С	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,160
FL 33 @ 0-3"	8/8/2025	0.25	С	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,090
FL 34 @ 0-3"	8/8/2025	0.25	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,160
FL 35 @ 0-3" FL 36 @ 0-3"	8/8/2025	0.25	C C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,920
	8/8/2025 8/8/2025	0.25	C	In-Situ	<0.050		<10.0	<10.0	<20.0	<10.0	<30.0	2,370
FL 37 @ 0-3"		0.25		In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0		3,840
FL 38 @ 0-3"	8/8/2025	0.25	C C	In-Situ	<0.050	<0.300	<10.0	11.1	11.1	<10.0	11.1	3,040
FL 39 @ 0-3" FL 40 @ 0-3"	8/8/2025 8/8/2025	0.25	C	In-Situ	<0.050	<0.300	<10.0	15.6 <10.0	15.6 <20.0	<10.0	15.6	3,280
Dash (-): Sample not analy	<u> </u>		C	In-Situ	<0.050	<0.300 ment F-E		<10.0	<∠0.0	<10.0	<30.0	1,920

Dash (-): Sample not analyzed for that constituent. **Bold:** NMOCD Closure Criteria exceedance. Red: NMOCD Reclamation Standard exceedance. ${\sf Red\ Border\ with\ Shading:\ Highest\ observed\ concentration.}$ F - Backfill

R - Deferral

A - Assessment

B - Background O - Other

C - Confirmation D - Delineation

Concentrations of BTEX, TPH & Chloride in Soil

Mewbourne Oil Company

Red Hills West Unit 27 Battery

NMOCD Ref. #: nAPP252135332	27
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NMOCD Ref. #: nAPP2521353327												
	NMOCD Clos	sure Crit	eria		10	50	N/A	N/A	1,000	N/A	2,500	10,000
NN	AOCD Reclan	nation Sta	ndard		10	50	N/A	N/A	N/A	N/A	100	600
					SW 840	6 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth (Feet)	Туре	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 41 @ 0-3"	8/8/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,920
FL 43 @ 0-3"	8/11/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,520
FL 44 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,080
FL 45 @ 0-3"	8/11/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,340
FL 46 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,080
FL 47 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,200
FL 48 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,680
FL 49 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,280
FL 50 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,260
FL 51 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,060
FL 52 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,200
FL 53 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,040
FL 54 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,300
FL 55 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	551	551	99.8	651	1,900
FL 56 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,160
FL 57 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,960
FL 58 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,800
FL 59 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,360
FL 60 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,280
FL 61 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,000
FL 62 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,600
FL 63 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 64 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 65 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,740
FL 66 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,890
FL 67 @ 0-3"	8/11/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,520
FL 68 @ 0-3"	8/11/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,200
	8/11/2025		C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 70 @ 0-3"	8/11/2025		С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 71 @ 0-3"	8/11/2025		С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 72 @ 0-3"	8/11/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 73 @ 0-3"	8/11/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 74 @ 0-3"	8/11/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 75 @ 0-3"	8/11/2025	0.25	C	Excavated	< 0.050	< 0.300	<10.0	10.0	10.0	<10.0	10.0	12,000
FL 75 @ 6"	8/19/2025	0.5	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 76 @ 0-3"	8/11/2025		C	Excavated	< 0.050	< 0.300	<10.0	11.9	11.9	<10.0	11.9	12,800
FL 76 @ 6"	8/19/2025		C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,580
FL 77 @ 0-3"	8/11/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,860
FL 78 @ 0-3"	8/11/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	30.5	30.5	4,880
FL 79 @ 0-3"	8/11/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,280
FL 80 @ 0-3"	8/11/2025		C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
Dash (-): Sample not analy					A - Assessr		Backfill		:_0.0		0.0	2 3.0
Bold: NMOCD Closure Crit					B - Backgro		Other					

Dash (-): Sample not analyzed for that constituent. **Bold:** NMOCD Closure Criteria exceedance. Red: NMOCD Reclamation Standard exceedance.

 ${\sf Red\ Border\ with\ Shading:\ Highest\ observed\ concentration.}$

B - Background

O - Other

C - Confirmation R - Deferral

D - Delineation

Concentrations of BTEX, TPH & Chloride in Soil

Mewbourne Oil Company

Red Hills West Unit 27 Battery NMOCD Ref. #: nAPP2521353327

	NMOCD Ref. #: nAPP2521353327												
]	NMOCD Clos	sure Crite	eria		10	50	N/A	N/A	1,000	N/A	2,500	10,000	
NM	IOCD Reclan	nation Sta	ndard		10	50	N/A	N/A	N/A	N/A	100	600	
					SW 846	6 8021B		SW	846 8015M	Ext.		4500 Cl	
Sample ID	Date	Depth (Feet)	Туре	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)	
FL 81 @ 0-3"	8/11/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0	
FL 82 @ 0-3"	8/11/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,320	
FL 83 @ 0-3"	8/11/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,680	
FL 84 @ 0-3"	8/11/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,520	
FL 85 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	14.0	14.0	<10.0	14.0	1,570	
FL 86 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	134	134	31.0	165	544	
FL 87 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	150	150	39.2	189	352	
FL 88 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	976	
FL 89 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	113	113	26.2	139	352	
FL 90 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	21.5	21.5	<10.0	21.5	2,030	
FL 91 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	11.3	11.3	<10.0	11.3	1,660	
FL 92 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	848	
FL 93 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	592	
FL 94 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	912	
FL 95 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	132	132	42.9	175	4,280	
FL 96 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	186	186	60.7	247	5,200	
FL 97 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	15.7	15.7	<10.0	15.7	640	
FL 98 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,760	
FL 99 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,660	
FL 100 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0	
FL 101 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	48.0	
FL 102 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160	
FL 103 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160	
FL 104 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	160	
FL 105 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,200	
FL 106 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	13.4	13.4	<10.0	13.4	4,720	
FL 107 @ 0-3"		0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	7,120	
FL 108 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,960	
FL 109 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,010	
FL 110 @ 0-3"		0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,880	
FL 111 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,920	
FL 112 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,280	
FL 113 @ 0-3"		0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,080	
FL 114 @ 0-3"		0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,760	
FL 115 @ 0-3"		0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,140	
FL 116 @ 0-3"			C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,080	
FL 117 @ 0-3"		0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,000	
FL 118 @ 0-3"	8/12/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	49.6	49.6	12.7	62.3	9,360	
FL 119 @ 0-3"		0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,650	
FL 120 @ 0-3"		0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,520	
FL 121 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,410	
Dash (-): Sample not analy: Bold: NMOCD Closure Crit		uent.			A - Assessr		Backfill Other						

Dash (-): Sample not analyzed for that constituent. **Bold:** NMOCD Closure Criteria exceedance. Red: NMOCD Reclamation Standard exceedance. ${\sf Red\ Border\ with\ Shading:\ Highest\ observed\ concentration.}$

A - Assessment

B - Background C - Confirmation

O - Other R - Deferral

D - Delineation

Concentrations of BTEX, TPH & Chloride in Soil

Mewbourne Oil Company

Red Hills West Unit 27 Battery

NMOCD Ref. #: nAPP2521353327													
1	NMOCD Clos	sure Crite	eria		10	50	N/A	N/A	1,000	N/A	2,500	10,000	
NM	OCD Reclan	nation Sta	ndard		10	50	N/A	N/A	N/A	N/A	100	600	
					SW 840	6 8021B		SW	846 8015M	Ext.		4500 Cl	
Sample ID	Date	Depth (Feet)	Туре	Soil Status	Benzene	BTEX	GRO	DRO	GRO + DRO	ORO	ТРН	Chloride	
		(Peet)			(mg/kg)	(mg/kg)	C ₆ -C ₁₀ (mg/kg)	C ₁₀ -C ₂₈ (mg/kg)	C ₆ -C ₂₈	C ₂₈ -C ₃₆ (mg/kg)	C ₆ -C ₃₆ (mg/kg)	(mg/kg)	
TT 100 C 0 0 0	0/10/2007	0.05	~	T 01	0.070	0.000			(mg/kg)			1.1.50	
FL 122 @ 0-3"	8/12/2025	0.25	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,160	
FL 123 @ 0-3"		0.25	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,920	
FL 124 @ 0-3"		0.25	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,970	
FL 125 @ 0-3" FL 126 @ 0-3"		0.25	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,030	
FL 120 @ 0-3"		0.25	C	In-Situ In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0 <20.0	<10.0	<30.0	1,360 1,580	
FL 127 @ 0-3 FL 128 @ 0-3"		0.25	C	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,760	
FL 129 @ 0-3"		0.25	C	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,040	
FL 130 @ 0-3"		0.25	C	Excavated	< 0.050	<0.300	<10.0	65.8	65.8	15.3	81.1	10,100	
FL 130 @ 6"	8/20/2025	0.5	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	864	
		0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,380	
FL 132 @ 0-3"		0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,730	
	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,920	
FL 134 @ 0-3"		0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,480	
FL 135 @ 0-3"	8/12/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,190	
FL 136 @ 0-3"		0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,240	
FL 137 @ 0-3"	8/12/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,730	
FL 138 @ 0-3"	8/12/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,480	
FL 139 @ 0-3"	8/12/2025	0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,120	
FL 140 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,220	
FL 141 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,240	
FL 142 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,040	
FL 143 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,020	
FL 144 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,080	
FL 145 @ 0-3"	8/12/2025	0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,400	
FL 146 @ 0-3"		0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,280	
FL 147 @ 0-3"		0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,790	
FL 148 @ 0-3"			C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	848	
FL 149 @ 0-3"		0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,140	
FL 150 @ 0-3"		0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,800	
FL 151 @ 0-3"		0.25	C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	976	
NW 1	8/12/2025		C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
NW 2	8/12/2025		C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
NW 3	8/12/2025		С	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
NW 4	8/12/2025		C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
EW 1	8/12/2025		C	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
EW 2	8/12/2025 8/12/2025		C	In-Situ	<0.050		<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
EW 3 EW 4	8/12/2025		C	In-Situ In-Situ	<0.050	<0.300	<10.0 <10.0	<10.0	<20.0 <20.0	<10.0	<30.0	<16.0 <16.0	
EW 4 EW 5	8/12/2025		C	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0	
SW 1	8/12/2025		C	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0	
D 44 T	0/12/2023	0-0.3	C	III-SIIU	<0.030	<0.300	<10.0	<10.0	<∠0.0	<10.0	<30.0	10.0	

Dash (-): Sample not analyzed for that constituent. **Bold:** NMOCD Closure Criteria exceedance. Red: NMOCD Reclamation Standard exceedance.
Red Border with Shading: Highest observed concentration.

A - Assessment B - Background

C - Confirmation R - Deferral

D - Delineation

Concentrations of BTEX, TPH & Chloride in Soil

Mewbourne Oil Company

Red Hills West Unit 27 Battery

NMOCD Ref. #: nAPP2521353327

NIVIOCD Ref. #. IIAI 1 2321333321												
	NMOCD Clo	sure Crit	eria		10	50	N/A	N/A	1,000	N/A	2,500	10,000
N	MOCD Reclar	andard		10	50	N/A	N/A	N/A	N/A	100	600	
					SW 840	6 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth (Feet)	Туре	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
SW 2	8/12/2025	0-0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW 3	8/12/2025	0-0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW 4	8/12/2025	0-0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WW 1	8/12/2025	0-0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WW 2	8/12/2025	0-0.25	C	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WW 3	8/12/2025	0-0.5	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WW 4	8/12/2025	0-0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WW 5	8/12/2025	0-0.25	С	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
Backfill Pit	10/7/2025	N/A	F	Stockpile	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0

Dash (-): Sample not analyzed for that constituent. **Bold:** NMOCD Closure Criteria exceedance. **Red:** NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

A - Assessment

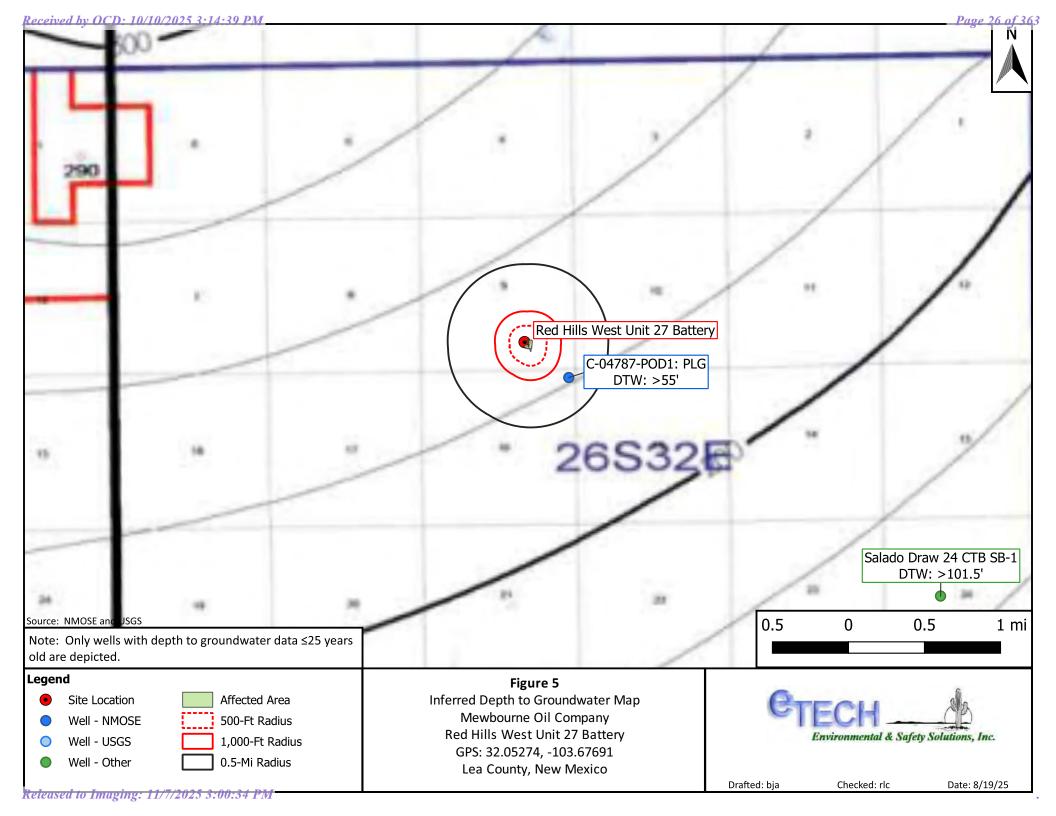
F - Backfill O - Other

B - Background C - Confirmation

R - Deferral

D - Delineation

Appendix A Depth to Groundwater Information



Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Υ	Мар
NA	C 04787 POD1	NE	NE	NE	16	26S	32E	625374.5	3546671.4	

* UTM location was derived from PLSS - see Help

Driller License: Driller Company:

Driller Name:

Drill Start Date: Drill Finish Date: Plug Date: 2024-02-06

Log File Date: PCW Rcv Date: Source:

Pump Type: Pipe Discharge Size: Estimated Yield:

Casing Size: Depth Well: Depth Water:

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

8/18/25 3:08 PM MST Point of Diversion Summary

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212C-MD-03246	TE TETRAT	TECH	LOG OF BORING Red Hills West State DTW	Page 1 of 1			
Project Name:	ed Hills West State 1	16 W1 12H					
Borehole Location:	GPS Coordinates: 32.04	49398°, -103.671311°	Surface Elevation: 3226 ft				
Borehole Number:	Red Hills West State DT	TW Bore Diam	shole neter (in.): 8 Date Started: Date Finished:	1/8/2024			
Q. (iii		EX	WATER LEVEL OBSERVATIONS While Drilling	RY_ft			
DEPTH (ft) OPERATION TYPE SAMPLE CHLORIDE FIELD SCREENING (DDM)	─	DRY DENSITY (pcf) LIQUID LIMIT DENSITY NDEX DENSITY DENSI	MATERIAL DESCRIPTION (#) Hada	REMARKS			
10 - 15 - 20 - 25 - 30 - 35 - 35 - 35 - 35 - 35 - 35 - 3			-SP- SAND: Brown, loose, dry, fine- to coarse-grained, with abundant sub-angular to sub-rounded caliche -GP- CALICHE GRAVEL: Brown, loose, dry, fine- to coarse-grained, abundant sub-angular to sub-rounded caliche fragments -GP- CALICHE GRAVEL: Brown, loose, dry, fine- to coarse-grained, with fine-grained tan sand -GP- CALICHE GRAVEL: Brown, loose, dry, fine- to coarse-grained, with coarse-grained pale brown sand -SP- SAND: Pale brown to light brown, loose, dry, fine-grained, with gravel-sized caliche fragments -SM- SAND: Light brown, loose, dry, fine-grained, with pea gravel-sized caliche fragments -SP- SAND: Light brown, loose, dry, fine-grained, with gravel-sized caliche fragments -SP- SAND: Light brown, loose, dry, fine-grained, with pea gravel-sized caliche fragments				
Bottom of borehole at 57.0 feet.							
m Gra	Vane Shear Discrete Sample	Vane Shear Vane Shear Discrete Sample Toot Pit Vane Shear Air Rotary Direct Push Core Barrel Or Core Barrel Direct Pit Nud Rotary Direct Push Direct Push Core Barrel Or Core Barrel					
1		Daillin a Faurinas ant	Air Data-				

Appendix B Field Data



Project:

Project Number:

Sample Log

	Date:	
Latitudas	Longitude	

Sample ID	PID/Odor	Chloride Conc.	GPS
SPIESUR Z.		2184	
58101 7.	4 -	2040	
SP102 6.		1372	
581 @ 3 U	0 -	592	
58104 5:		1,116	
5P2 @ SUL 8	0 -	2,516	
SPZEl 3.		440	
513 @ Sur 7.	8 —	2340	
6861 4		768	
P302 4	.2 -	648	
18303 Rt	1	Refusal	
SP4 esur		25/6	
SPLIET		2340	
SPLIEZ		768	
SP403	_	964	-
59404	_	3/2	
5P5 esur		25/6	
51501		75/6	
58502 Re	+ -	Ref	
SP6e SUV		2516	
58601	_	312	p
517 C Sur	_	77516	
87 C1	_	920	
19702	_	352	
1885Vr		2256	
58801		122	
5890 SUV 6	8	1,672	
51901	3.0 —	352	
5P1203W >8	2.0 -	276	
	16 -	276	
	7.8 -	2340	
	- 8.	540	
sell esur	74-	2,040	
	3.8 —	540	
SP13 @ SUV 8	2.0 -	725/6	
5P13@1 3	. 9 -	540	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1



Environmental & Safety Solutions, Inc.		Date:	
roject:	Latitude:	Longitude:	
roject Number:	Latitude.	Longitude:	

Sample ID	PID/Odor	Chloride Conc.	GPS
00 15 050V 7.9	-	7340	
SP1501 34	-	7516	
SP14 8 sul > 2.0	-	2516	
501401 2,0		177 2516	
5816@SUr 8.0	-	2516	
5\$16@SUC 8.0 6816@1 3.2	-	396	
7710			
	_		
	1		
	+		
	+		
	-		
	-		
	1		
	+		
	-		
	+		
		2	
	-		
	-		-
	-		

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

Red Hills West Unit 27

22714



Project:

Project Number:

Sample Log

32.052347

Date:		
Longitude:	-103.676651	

Sampl	e ID	PID/Odor	Chloride Conc.	GPS
SP 3 @ 31	3 0	-	396	
303031	15/16	_	ND	
SP3@3! SPS@2!	2.0	_	ND /72	
			- AB	
13				

Latitude:

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1



Date:			

Inc.	Solutions,	Safety.	Environmental	

Red Hills West Unit 27

Project: Longitude: -103.676651 32.052347 22714 Latitude: Project Number:

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-10	_	3/72	
F1-20			
F1-30			
FL-40	_		
F1-50		5,204	
F1-1,0		\$204	
F1-70	_	1,420	
F1-80		9,480	
F(-9 6	-	£,204	
FC-100		5,204	
Fi-110	-	4,920	
FC126	_	4480	
FC-150	_	5,204	
FC-1918	_	5,204	
FC-150	-	9,420	
F(160	-	9,480	
FL-17 @		7.188	
FC-180		4188	
FC-190		3,732	
F1-200		3,772	
FC-210	-	1,920	
FC-220	_	1,920	
FC-230	-	1120	
F(246	-	2,132	
FL-25		2800	
F1.26		5,699	
F1 27		5,644	
FC-28	_	4,480	
F1-29	-	1711	
FC-30	-	7,172	
FC-31	-	3.780	
F1-72	_	4,920	
F/-33	-	4708	
F7-321	_	1,600	
FL-35	-	3,400	
F1-31.		2712	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1



Date:				
	_			

Project:	Red	Hills	West	Unit	27

Project Number: 22714 Latitude: 32.052347 Longitude: -103.676651

Sample ID	PID/Odor	Chloride Conc.	GPS
FL-37	_	3,960	
F1-18	~	3,744	
F1-39	_	4,056	
F1-40	96	1756	
FC-41	-	7	
NU-1		9/10	
NW-2	-	209	
WU-1		312	
SUFI	-	396e	
40.5	_	240	
EU-1	-	144	
FC-43		1,756	
F1- (14)	-	1.756	
F1-115	_	1,600	
F1-76		3,192	
F1-47		3,460	
F1-48	_	3744	
F1-99	-	2,712	
FL-SQ	-	1,448	
F1-51	-	2,104	
FL-52	_	2,104	
F1-55		1,924	
FC-59		1,600	
EW-2		7	
F1-55	_	3,70/4	
FL-56	-	2,292	
FL-57	-	7,392	
FL-58	-	3,292	
F1-59	_	7,192	
FL-10	-	2.292	
FZ-61	_	11176	
F1-8e2	_	2.49%	
FL- 63	_	282 276	
FL- gel		276	
FL-65	_	2,712	
1-1-11	_	2,516	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples = SP #1 @ Sb or SW #1b

Stockpile = Stockpile #1



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F 1	м	J 11	G,			

Red Hills West Unit 27

Project Number:

22714

Latitude: 32.052347

Longitude: -103.676651

Sample ID	PID/Odor	Chloride Conc.	GPS
FC-67	_	3,794	
F1-68	_	2,040	
FB-1.9		704	
F1-70	- Application of the Control of the	£28	
F1-71	_	199	
F1-72	-	592	
61-73	_	352	
F1-74	-	752	
FZ-75	-	4056	
F(-76		4,392	
FL-77	-	1,751.	
F1-78	-	3,104	
FL-79	_	5,152	
-1-80		352	
1-81	_	NID	
1-82		4,392	
F1-83		4.756	
F1-84		3.152	
FY-85		5,589	
FC-86		/	
FL-87			
1688		SAA	
7-89	-	2,040	
-1-90		27,90	
7-9/	~	2/184	
7-92	~	2,184	
7-95	-	396	
7.99		912	
6-95	_	352	
7-96	_	396	
FC-97	_	352	
7.98	-	2,496	
7-99	_	396 352 2,996 592 276	
FC-100	~	276	
7-101	-	274	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples = SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1



Date:		
DOLC.		

Project:	Red	Hills	West	Unit 27
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Project Number: 22714 Latitude: 32.052347 Longitude: -103.676651

Sample ID	PID/Odor	Chloride Conc.	GPS
FC-102	_	144	
FC-107	-	204	
FLIDY	1000	240	
FC-103	-	3,548	
F1-111.	_	9.756	
F1-107	and a	5,152	
F1-108	_	1584	
E1-109	-	1,672	
FC-110	-	5,584	
FC-111		1.568	
FL-112		2,184	
FL-113	_	1,908	
FC-114	-	1,908	
FCTIS	-	1,196	
F/-116.		3,192	
FC-117	_	1/1.72	
F1-118	-	5,584	
FC-119	-	1.754	
FC-120	_	1,154	
FC-121	_	1,580	
FC-122	_	1,672	
FC137		5,584	
1-6-124	-	1,568	
F(-125		2189	
FL-126		1,908	
FC-127		7.192	
FC-128	-	7,192	
FC-129	_	1,72	
FC-130	-	5,548	2
FL-131		1,196	
FL-152	_	1,196	
FZ-177		4,051	
FC-134		2.100	
FC-138	-	2,292	
FC-136		2,0196	
FL-137		2,292	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1



Sample Log

Date:				

Project: Red Hill	ls West Unit 2	
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Project Number: 22714 Latitude: 32.052347 Longitude: -103.676651

Sample ID	PID/Odor	Chloride Conc.	GPS
FC-179	-	2,5/6	
FC-190	-	1.568	
F1-14/	_	1,924	
FC-16/2		6,056	
FC-143		964	
FC-144		5,584	
FC-145	_	3,460	
FZ-146	-	2,292	
NW-3	_	274	
WW-3	-	274	
54-2	_	172	
EL1-2	_	312	
EW-3	_	500	
[W-4]	_	172	
NW-C1	_	172 352	
EW-S	-	488	
WU-4	-	440	
SW-3	-	276	
SW-1	_	352	
WW-8	-	990	
FL6 Q6in H63		7 164	
FL 16 @ 6 in HS 4 FL 75 C 6 in 2		4,756	
FL14 C6 in HS4	0 -	2496	
FL 75 C 6 in 2	8 -		
FL76 CGin HS	3.2 -	1,756	
FL 130 @ 6 in 1154	.0 -		
	-		
	-		-
			-
	-		-
	_		-
			-

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



Soil Profile

Environmental & Safety Solutions, Inc.				Date:		
Project: Red Hills West	Unit 27					
Project Number:	22714	Latitude:	32.052347	Longitude:	-103.676651	
Depth (ft. bgs)				scription		
1			Imp	orted Fill		_
2	-			6" TD		-
3	9					
4						
5	-					_
6	-					
7	-					
8	****					_
9	-					
10	-					
11	-					
12						
13						_
14						
15	-					
16	-					
17	-		A TOTAL AND A STATE OF THE PARTY OF THE PART			
18						
19	_					
20	-					
21						
22						_
23						
24	_					
25	_					
26	_					
27						
28						
29	-					
30						
31						
32	-					
33	-					
34						
35						
36						
37	_					
38						
39						
40						

Appendix C Photographic Log

Photo Number:

1

Photo Direction:

Southeast

Date:

7/19/2025

Coordinates:

32.052844,-103.676771

Photo Description:

Release point.

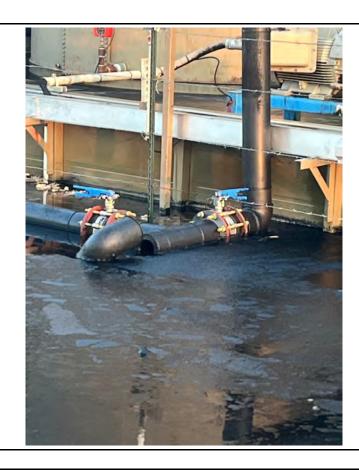


Photo Number:

2

Photo Direction:

East

Date:

7/19/2025

Coordinates:

32.052879,-103.677009

Photo Description:

View of the affected area.



Photo Number:

3

Photo Direction:

Southeast

Date:

7/19/2025

Coordinates:

32.052916,-103.676553

Photo Description:

View of the affected area.



Photo Number:

4

Photo Direction:

South

Date:

7/19/2025

Coordinates:

32.052925,-103.676276

Photo Description:

View of the affected area.



Photo Number:

5

Photo Direction: South

Photo Description:

View of the excavated area.



Photo Number:

6

Photo Direction:

South-Southwest

Photo Description:

View of the excavated area.



Photo Number:

7

Photo Direction:Southwest

Photo Description:

View of the excavated area.



Photo Number:

8

Photo Direction: East-Southeast

Photo Description:

View of the excavated area.



Photo Number:

9

Photo Direction: Southeast

Photo Description:

View of the excavated area.



Photo Number:

10

Photo Direction: East-Northeast

Photo Description:

View of the excavated area.



Photo Number:

11

Photo Direction: Southeast

Photo Description:

View of the excavated area.



Photo Number:

12

Photo Direction: South-Southeast

Photo Description:

View of the excavated

area.



Photo Number:

13

Photo Direction:Southeast

Photo Description:

View of the excavated area.



Photo Number:

14

Photo Direction:

West

Photo Description:

View of the remediated area following backfill and regrading.

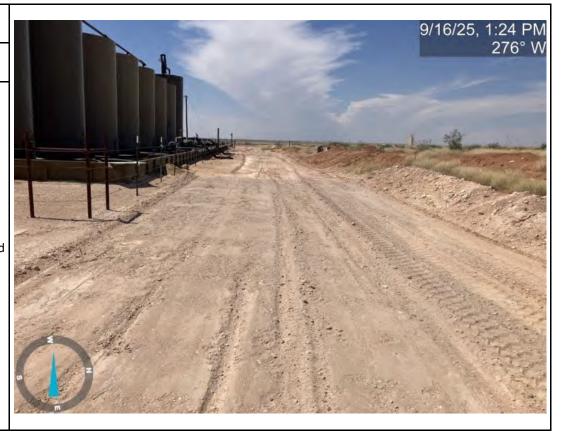


Photo Number:

15

Photo Direction: West-Southwest

Photo Description:

View of the remediated area following backfill and regrading.

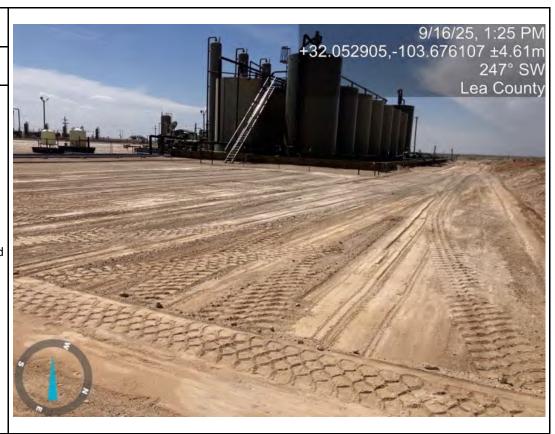


Photo Number:

16

Photo Direction:

West-Northwest

Photo Description:

View of the remediated area following backfill and regrading.

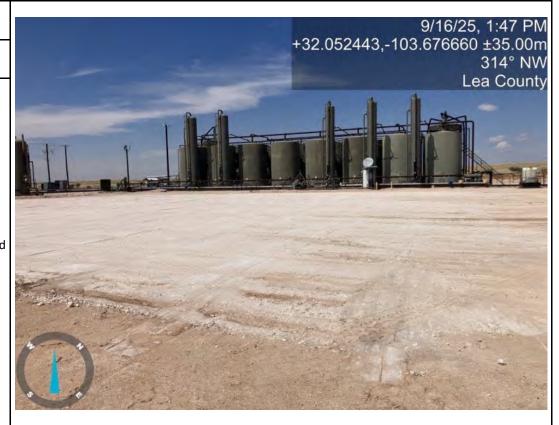


Photo Number:

17

Photo Direction: Northwest

Photo Description:



View of the remediated area following backfill and regrading.

Photo Number:

18

Photo Direction:

North-Northeast

Photo Description:

View of the remediated area following backfill and regrading.



Appendix D Laboratory Analytical Reports



August 05, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS WEST UNIT 27

Enclosed are the results of analyses for samples received by the laboratory on 07/30/25 14:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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.

Celey D. Keine

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,

Celev D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Applyand By 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: SP 2 @ SUR (H254635-01)

DTEV 0021D

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.86	93.0	2.00	3.22	
Toluene*	<0.050	0.050	07/31/2025	ND	1.91	95.4	2.00	1.17	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	1.91	95.5	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	5.65	94.2	6.00	0.127	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8800	16.0	07/31/2025	ND	432	108	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	07/31/2025	ND	201	101	200	2.32	
DRO >C10-C28*	16.9	10.0	07/31/2025	ND	188	94.1	200	1.82	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	100	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.4	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Kreene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

mg/kg

Sample ID: SP 2 @ 1' (H254635-02)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.86	93.0	2.00	3.22	
Toluene*	<0.050	0.050	07/31/2025	ND	1.91	95.4	2.00	1.17	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	1.91	95.5	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	5.65	94.2	6.00	0.127	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/31/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	201	101	200	2.32	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	188	94.1	200	1.82	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	97.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	94.0	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

mg/kg

Sample ID: SP 4 @ SUR (H254635-03)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.86	93.0	2.00	3.22	
Toluene*	<0.050	0.050	07/31/2025	ND	1.91	95.4	2.00	1.17	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	1.91	95.5	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	5.65	94.2	6.00	0.127	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7330	16.0	07/31/2025	ND	432	108	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	07/31/2025	ND	178	89.0	200	2.55	
DRO >C10-C28*	26.3	10.0	07/31/2025	ND	198	98.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	82.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.5	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

mg/kg

Sample ID: SP 4 @ 4' (H254635-04)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.86	93.0	2.00	3.22	
Toluene*	<0.050	0.050	07/31/2025	ND	1.91	95.4	2.00	1.17	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	1.91	95.5	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	5.65	94.2	6.00	0.127	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	07/31/2025	ND	432	108	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	07/31/2025	ND	178	89.0	200	2.55	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	198	98.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	72.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.4	% 40.6-15	3						

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Celeg D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

mg/kg

Sample ID: SP 6 @ SUR (H254635-05)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.86	93.0	2.00	3.22	
Toluene*	<0.050	0.050	07/31/2025	ND	1.91	95.4	2.00	1.17	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	1.91	95.5	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	5.65	94.2	6.00	0.127	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8000	16.0	07/31/2025	ND	432	108	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	07/31/2025	ND	178	89.0	200	2.55	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	198	98.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	83.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.1	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

mg/kg

Sample ID: SP 6 @ 1' (H254635-06)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.86	93.0	2.00	3.22	
Toluene*	<0.050	0.050	07/31/2025	ND	1.91	95.4	2.00	1.17	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	1.91	95.5	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	5.65	94.2	6.00	0.127	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/31/2025	ND	432	108	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	07/31/2025	ND	178	89.0	200	2.55	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	198	98.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	81.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.4	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

mg/kg

Sample ID: SP 7 @ SUR (H254635-07)

BTEX 8021B

DIEX GOZID	1119/	rkg	Allulyzo	.u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.86	93.0	2.00	3.22	
Toluene*	<0.050	0.050	07/31/2025	ND	1.91	95.4	2.00	1.17	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	1.91	95.5	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	5.65	94.2	6.00	0.127	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8930	16.0	07/31/2025	ND	432	108	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	07/31/2025	ND	178	89.0	200	2.55	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	198	98.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	85.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.9	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

mg/kg

Sample ID: SP 7 @ 2' (H254635-08)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.86	93.0	2.00	3.22	
Toluene*	<0.050	0.050	07/31/2025	ND	1.91	95.4	2.00	1.17	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	1.91	95.5	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	5.65	94.2	6.00	0.127	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/31/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	178	89.0	200	2.55	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	198	98.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	89.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.0	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

mg/kg

Sample ID: SP 8 @ SUR (H254635-09)

BTEX 8021B

DILX GOZID	ilig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.86	93.0	2.00	3.22	
Toluene*	<0.050	0.050	07/31/2025	ND	1.91	95.4	2.00	1.17	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	1.91	95.5	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	5.65	94.2	6.00	0.127	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1860	16.0	07/31/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	178	89.0	200	2.55	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	198	98.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	75.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.5	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

mg/kg

Sample ID: SP 8 @ 1' (H254635-10)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.86	93.0	2.00	3.22	
Toluene*	<0.050	0.050	07/31/2025	ND	1.91	95.4	2.00	1.17	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	1.91	95.5	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	5.65	94.2	6.00	0.127	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/31/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	178	89.0	200	2.55	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	198	98.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	85.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.6	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: SP 9 @ SUR (H254635-11)

BTEX 8021B

DIEX GOZID	11197	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.86	93.0	2.00	3.22	
Toluene*	<0.050	0.050	07/31/2025	ND	1.91	95.4	2.00	1.17	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	1.91	95.5	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	5.65	94.2	6.00	0.127	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7680	16.0	07/31/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	178	89.0	200	2.55	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	198	98.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	86.2	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	87.3	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: SP 9 @ 1' (H254635-12)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.86	93.0	2.00	3.22	
Toluene*	< 0.050	0.050	07/31/2025	ND	1.91	95.4	2.00	1.17	
Ethylbenzene*	< 0.050	0.050	07/31/2025	ND	1.91	95.5	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	5.65	94.2	6.00	0.127	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/31/2025	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	178	89.0	200	2.55	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	198	98.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	84.3 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.8 9	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: SP 10 @ SUR (H254635-13)

BTEX 8021B

DIEX GOZID	ıııg,	K9	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.86	93.0	2.00	3.22	
Toluene*	<0.050	0.050	07/31/2025	ND	1.91	95.4	2.00	1.17	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	1.91	95.5	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	5.65	94.2	6.00	0.127	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 71.5-13-	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7920	16.0	07/31/2025	ND	416	104	400	7.41	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	178	89.0	200	2.55	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	198	98.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	80.6	% 44.4-14.	5						
Surrogate: 1-Chlorooctadecane	81.8	% 40.6-15.	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: SP 10 @ 1' (H254635-14)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.86	93.0	2.00	3.22	
Toluene*	<0.050	0.050	07/31/2025	ND	1.91	95.4	2.00	1.17	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	1.91	95.5	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	5.65	94.2	6.00	0.127	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/31/2025	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	178	89.0	200	2.55	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	198	98.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	83.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.6	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: SP 11 @ SUR (H254635-15)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.86	93.0	2.00	3.22	
Toluene*	<0.050	0.050	07/31/2025	ND	1.91	95.4	2.00	1.17	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	1.91	95.5	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	5.65	94.2	6.00	0.127	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8320	16.0	07/31/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	178	89.0	200	2.55	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	198	98.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	84.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.8	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/30/2025

Sampling Date: 07/29/2025 Sampling Type: Soil

Reported: 08/05/2025 Project Name: **RED HILLS WEST UNIT 27**

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Project Number: 22714

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: SP 11 @ 1' (H254635-16)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.86	93.0	2.00	3.22	
Toluene*	<0.050	0.050	07/31/2025	ND	1.91	95.4	2.00	1.17	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	1.91	95.5	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	5.65	94.2	6.00	0.127	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/31/2025	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	178	89.0	200	2.55	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	198	98.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	86.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.4	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: SP 12 @ SUR (H254635-17)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.86	93.0	2.00	3.22	
Toluene*	<0.050	0.050	07/31/2025	ND	1.91	95.4	2.00	1.17	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	1.91	95.5	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	5.65	94.2	6.00	0.127	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5360	16.0	07/31/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	178	89.0	200	2.55	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	198	98.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	84.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.9	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: SP 12 @ 1' (H254635-18)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.86	93.0	2.00	3.22	
Toluene*	<0.050	0.050	07/31/2025	ND	1.91	95.4	2.00	1.17	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	1.91	95.5	2.00	0.161	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	5.65	94.2	6.00	0.127	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/31/2025	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	178	89.0	200	2.55	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	198	98.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	86.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.4	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: SP 13 @ SUR (H254635-19)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.95	97.5	2.00	6.08	
Toluene*	<0.050	0.050	07/31/2025	ND	2.01	100	2.00	4.30	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.05	101	6.00	2.97	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10100	16.0	07/31/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	178	89.0	200	2.55	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	198	98.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	85.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.7	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

mg/kg

Sample ID: SP 13 @ 1' (H254635-20)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.95	97.5	2.00	6.08	
Toluene*	<0.050	0.050	07/31/2025	ND	2.01	100	2.00	4.30	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.05	101	6.00	2.97	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	07/31/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	178	89.0	200	2.55	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	198	98.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	83.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.4	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 22714 Sample Received By:

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: SP 14 @ SUR (H254635-21)

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	07/31/2025	ND	1.95	97.5	2.00	6.08	
Toluene*	<0.050	0.050	07/31/2025	ND	2.01	100	2.00	4.30	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.05	101	6.00	2.97	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6240	16.0	07/31/2025	ND	416	104	400	7.41	
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	07/31/2025	ND	178	89.0	200	2.55	
DRO >C10-C28*	28.6	10.0	07/31/2025	ND	198	98.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	87.2 % 44.4-		5						
Surrogate: 1-Chlorooctadecane	89.9	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

mg/kg

Sample ID: SP 14 @ 1' (H254635-22)

BTEX 8021B

DILX GOZID	mg/ kg		Andryzed by: 511						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.95	97.5	2.00	6.08	
Toluene*	<0.050	0.050	07/31/2025	ND	2.01	100	2.00	4.30	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.05	101	6.00	2.97	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 % 71.5-13		4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	07/31/2025	ND	416	104	400	7.41	
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	07/31/2025	ND	178	89.0	200	2.55	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	198	98.8	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	85.8 % 44.4-1		5						
Surrogate: 1-Chlorooctadecane	86.4	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 22714

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: SP 15 @ SUR (H254635-23)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.95	97.5	2.00	6.08	
Toluene*	<0.050	0.050	07/31/2025	ND	2.01	100	2.00	4.30	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.05	101	6.00	2.97	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	07/31/2025	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	182	90.8	200	0.777	
DRO >C10-C28*	10.4	10.0	07/31/2025	ND	180	90.1	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	82.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.4	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 22714

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: SP 15 @ 1' (H254635-24)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.95	97.5	2.00	6.08	
Toluene*	<0.050	0.050	07/31/2025	ND	2.01	100	2.00	4.30	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.05	101	6.00	2.97	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/31/2025	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	182	90.8	200	0.777	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	180	90.1	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	77.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.4	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 22714

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: SP 16 @ SUR (H254635-25)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.95	97.5	2.00	6.08	
Toluene*	<0.050	0.050	07/31/2025	ND	2.01	100	2.00	4.30	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.05	101	6.00	2.97	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9360	16.0	07/31/2025	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	182	90.8	200	0.777	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	180	90.1	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	79.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.4	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MEWBOURNE 32.052347-103.676651

ma/ka

Sample ID: SP 16 @ 1' (H254635-26)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.95	97.5	2.00	6.08	
Toluene*	<0.050	0.050	07/31/2025	ND	2.01	100	2.00	4.30	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.05	101	6.00	2.97	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/31/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	182	90.8	200	0.777	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	180	90.1	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	85.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.6	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: NH 1 @ SUR (H254635-27)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.95	97.5	2.00	6.08	
Toluene*	<0.050	0.050	07/31/2025	ND	2.01	100	2.00	4.30	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.05	101	6.00	2.97	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/31/2025	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	182	90.8	200	0.777	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	180	90.1	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	82.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.4	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/30/2025

Sampling Date: 07/29/2025 Sampling Type: Soil

Reported: 08/05/2025 Project Name: RED HILLS WEST UNIT 27

Sampling Condition: Cool & Intact

Project Number: 22714

Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: NH 1 @ 1' (H254635-28)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.95	97.5	2.00	6.08	
Toluene*	<0.050	0.050	07/31/2025	ND	2.01	100	2.00	4.30	
Ethylbenzene*	< 0.050	0.050	07/31/2025	ND	2.02	101	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.05	101	6.00	2.97	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	07/31/2025	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	182	90.8	200	0.777	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	180	90.1	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	78.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.5	% 40.6-15	3						

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Celeg D. Freene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: EH 1 @ SUR (H254635-29)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.95	97.5	2.00	6.08	
Toluene*	<0.050	0.050	07/31/2025	ND	2.01	100	2.00	4.30	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.05	101	6.00	2.97	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/31/2025	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	182	90.8	200	0.777	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	180	90.1	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	76.3	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	70.9	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/30/2025 Reported: 08/05/2025

Project Name: **RED HILLS WEST UNIT 27**

Project Number: 22714

Project Location: MEWBOURNE 32.052347-103.676651 Sampling Date: 07/29/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

Sample ID: EH 1 @ 1' (H254635-30)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.95	97.5	2.00	6.08	
Toluene*	<0.050	0.050	07/31/2025	ND	2.01	100	2.00	4.30	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.05	101	6.00	2.97	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	07/31/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	182	90.8	200	0.777	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	180	90.1	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	82.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.0	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 07/30/2025 Reported: 08/05/2025 Sampling Date: 07/29/2025 Sampling Type: Soil

Project Name:

RED HILLS WEST UNIT 27

Sampling Condition: Cool & Intact

Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: SH 1 @ SUR (H254635-31)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.95	97.5	2.00	6.08	
Toluene*	<0.050	0.050	07/31/2025	ND	2.01	100	2.00	4.30	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.05	101	6.00	2.97	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/31/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	182	90.8	200	0.777	
DRO >C10-C28*	12.1	10.0	07/31/2025	ND	180	90.1	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	81.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.6	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 22714

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: SH 1 @ 1' (H254635-32)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.95	97.5	2.00	6.08	
Toluene*	<0.050	0.050	07/31/2025	ND	2.01	100	2.00	4.30	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.05	101	6.00	2.97	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/31/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	182	90.8	200	0.777	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	180	90.1	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	85.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.7	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: WH 1 @ SUR (H254635-33)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.95	97.5	2.00	6.08	
Toluene*	<0.050	0.050	07/31/2025	ND	2.01	100	2.00	4.30	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.05	101	6.00	2.97	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	07/31/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	182	90.8	200	0.777	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	180	90.1	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	79.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.8	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 07/30/2025 Sampling Date: 07/29/2025

Reported: 08/05/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 22714

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: WH 1 @ 1' (H254635-34)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2025	ND	1.95	97.5	2.00	6.08	
Toluene*	<0.050	0.050	07/31/2025	ND	2.01	100	2.00	4.30	
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	3.81	
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.05	101	6.00	2.97	
Total BTEX	<0.300	0.300	07/31/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/31/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2025	ND	182	90.8	200	0.777	
DRO >C10-C28*	<10.0	10.0	07/31/2025	ND	180	90.1	200	0.906	
EXT DRO >C28-C36	<10.0	10.0	07/31/2025	ND					
Surrogate: 1-Chlorooctane	79.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	74.9	% 40.6-15	3						

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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

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Celeg D. Keens



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		ions,	inc.							BIL	LLTO					ANA	LYSIS	REC	UEST		2
Addrese: 2617 MA	Lance Crenshaw							P.O.													
Addices. 2011 VV	Vest Marland							Com	pany	: N	Mewbourne (Oil Company									
City: Hobbs	State: NM	Zip):	88	240			Attn	:		Connor Wa	lker									
Phone #: (575) 26	264-9884 Fax #:				12 540			Add	ress:												
Project #: 22714	Project Owne	r: Me	wbo	ourne	e Oil	Comp	any	City:							€ I						
Project Name: Red								State			Zip:		<u>e</u>	TPH (8015M)	BTEX (8021B)						
	32.052347, -103.676651								ne #:				Chloride	07	80						
Sampler Name:	Alyxsis Sanchez						_	Fax					걸	9) +	×						
FOR LAB USE ONLY	Alyxoid Gallolioz	T	T	T	M	IATRIX	_	-	RESE	RV.	SAME	LING	O	ᆫ	2						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME									
	2 @ Sur	G				X			X		7/29/25		Х	Х	х						
2 SP	2 @ 1'	G	1			X			X		7/29/25		Х	Х	х						
3 SP	9 4 @ Sur	G	1			Х			X		7/29/25		Х	Х	х						
y SP	94@4'	G	1			X			X		7/29/25		Х	Х	х						
S SP	9 6 @ Sur	G	1			х			X		7/29/25		Х	Х	х						
↓ SP	96@1'	G	1			X			X		7/29/25		Х	Х	х						
¬ SP	7 @ Sur	G	1			X			X		7/29/25		Х	Х	х						
S SP	7 @ 2'	G	1			X			X		7/29/25		Х	Х	Х						
9 SP	9 8 @ Sur	G	1	Г		X			X		7/29/25		Х	Х	Х						
10 SP	8@1'	G	1			X			X		7/29/25		Х	X	Х		4				

Relinquished By: Mu Mu	Date: 30.25 Receiv		All Results are emailed. Please provide Em	d'I Phone #: ail address: etechenv.com
Relinquished By:	Date: Receiv	ed By:	REMARKS:	
	Observed Temp. °C_7.0 Corrected Temp. °C_6.7	Sample Condition Cool Intact (Initials) Pres Yes No No	Turnaround Time: Standard Rush Thermometer ID #140 Correction Factor 0.6% +0.3c	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C



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Page 2 of 4	
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ge 38 of 40

Project Manager: Lance Crenshaw	Company Name	Etech Environmental & Safety Soluti						BI	LL TO					ANAL	YSIS	REQUES			$\frac{1}{2}$
City: Hobbs State: NM Zip: 88240 Attn: Connor Walker Address: Project #: 22714 Project Owner: Mewbourne Oil Company City: State: Zip: Project Location: 32.052347, -103.676651 Phone #: Fax #: Fax #: Project Location: 32.052347, -103.676651 Phone #: Fax #: Project Location: Sample I.D. Pax #:	Project Manage	r: Lance Crenshaw				F	2.0.	#:											
Project #: (575) 264-9884	Address: 261	7 West Marland					comp	pany:	Mewbourne	Oil Company									
Project #: 22714	City: Hobbs	State: NM	Zip:	8824	40	-	Attn:		Connor Wa	lker									
Project #: 22714		5) 264-9884 Fax #:	•				Addr	ess:											
Project Name: Red Hills West Unit 27 State: Zip: Phone #: Sampler Name: 32.052347, -103.676651 Phone #: Fax #: FOR LAB USE ONLY Lab I.D. Sample I.D. S			r: Mewbo	ourne	Oil Com	pany	city:						<u>@</u>						
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SP 9 @ Sur		Sample I.D.	A S	GROUNDWATER	SOIL	SLUDGE	OTHER:	ICE / COOL	DATE	TIME									
SP 9 @ 1' SP 9 @ 1' SP 10 @ Sur G 1	11	SP 9 @ Sur									Х	Х	Х						
SP 10 @ Sur	13		G 1		X			X	7/29/25		Х	X	х						
IU SP 10 @ 1' G 1 X X 7/29/25 X X X X IS SP 11 @ Sur G 1 X X 7/29/25 X X X IU SP 11 @ 1' G 1 X X 7/29/25 X X X ID SP 12 @ Sur G 1 X X 7/29/25 X X X			G 1		X			X	7/29/25		Х	Х	х						
I/p SP 11 @ 1' G 1 X X 7/29/25 X X X I*) SP 12 @ Sur G 1 X X X 7/29/25 X X X			G 1		X			X	7/29/25		X	Х	х						
I Up SP 11 @ 1' G 1 X X 7/29/25 X X X I 7 SP 12 @ Sur G 1 X X X 7/29/25 X X X	15	SP 11 @ Sur	G 1		X			X	7/29/25		Х	Х	х						
T SP 12 @ Sur G 1 X X 7/29/25 X X X X X X X X X	16		G 1		X			X	7/29/25		Х	Х	X						
	17		G 1		X			X	7/29/25		Х	Х	Х						
			G 1		X			X	7/29/25		Х	Х	х						
) 9 SP 13 @ Sur G 1 X X 7/29/25 X X X			G 1		X			X	7/29/25		Х	Х	X						
90 SP 13 @ 1' G 1 X X 7/29/25 X X X		SP 13 @ 1'	G 1		X			X	7/29/25		Х	Х	X					11171	
	Relinquished B	V: Date: 7-30-25 Time: 450 V: Date:	Recei	ived/E		ra c	de	Vola	Hox	Verbal Re All Results	are er			ovide Emai	addres	s:			
Relinquished By: Time: 450 Received By: Received By: Remarks:	Delivered By: (C	Bus - Other: Corrected Temp. °C	-6.7	, ,	ample Co cool Into Yes [Yes No	0	(In	KED BY:	Turnaroun Thermomete	er ID #	140 0.6°C			Cool Yes	Yes	ple Condit	emp. °C	

affiliates or successors arising out of or related to the performan	ce of services hereunder by Cardinal,	regardless of whether such claim is based upon any of the above stated reasons	or otherwise.	
Relinquished By:	Date: 7-30-25	Received By:	Verbal Result: ☐ Yes ☐ No Add'l All Results are emailed. Please provide Ema	Phone #: il address:
1/Wh Ma	Time: 450	Januara della con	pm@et	echenv.com
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:			
Delivered By: (Circle One)	Observed Temp. °C	7.0 Sample Condition CHECKED BY: Cool Intact (Initials)	Turnaround Time: Standard X Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C	1 Tayes Tayes	Thermometer ID #140 Correction Factor -86°C -10.30	☐ Yes ☐ Yes ☐ No Corrected Temp °C



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ge 39 of 40

Project Manager: Lance Crenshaw	Company Name	e: Etech Environmental & Safety Solut	ions, In	ic.					L	BILL TO					ANA	LYSIS	REC	UEST		ugo o o.	Pa
City: Hobbs	Project Manage	er: Lance Crenshaw						P.O.	#:												
Phone #: (575) 264-9884 Fax #: Address: City: City: State: Zip: Phone #: Zip:	Address: 26	17 West Marland						Com	pany:	Mewbourn	e Oil Compan										
Project #: 22714	City: Hobbs	State: NM	Zip:	88	3240			Attn	:	Connor V	Valker										
Project #: 22714	Phone #: (57	75) 264-9884 Fax #:						Add	ress:												
Project Name: Red Hills West Unit 27 State: Zip: Project Location: 32.052347, -103.676651 Phone #: Sampler Name: Alyxsis Sanchez Fax #: For LAB USE ONLY Lab 1.D. Sample 1.D. Samp		714 Project Owne	r: Mew	bourr	ne Oil	Com	pany	City	:				_	<u></u>							
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3) SP 14 @ Sur G 1 X X 7/29/25 X X X X 32 SP 14 @ 1' G 1 X X 7/29/25 X X X X 33 SP 15 @ Sur G 1 X X 7/29/25 X X X X 34 SP 15 @ 1' G 1 X X 7/29/25 X X X X 35 SP 16 @ Sur G 1 X X 7/29/25 X X X X 30 SP 16 @ 1' G 1 X X 7/29/25 X X X X 37 NH 1 @ Sur G 1 X X 7/29/25 X <th></th> <th>Sample I.D.</th> <th>용</th> <th># CONTAINERS GROUNDWATER</th> <th>WASTEWATER</th> <th>SOIL</th> <th>SLUDGE</th> <th>OTHER:</th> <th>ACID/BASE:</th> <th>DATE</th> <th>TIME</th> <th></th>		Sample I.D.	용	# CONTAINERS GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	DATE	TIME										
30 SP 14 @ 1' G 1 X X 7/29/25 X X X X 33 SP 15 @ Sur G 1 X X 7/29/25 X X X X 30 SP 15 @ 1' G 1 X X 7/29/25 X X X X 35 SP 16 @ Sur G 1 X X 7/29/25 X X X X 30 SP 16 @ 1' G 1 X X 7/29/25 X X X X 37 NH 1 @ Sur G 1 X X 7/29/25 X		SP 14 @ Sur		1				Ŭ			5	Х	Х	х							
33 SP 15 @ Sur G 1 X X 7/29/25 X X X X 304 SP 15 @ 1' G 1 X X 7/29/25 X X X X 35 SP 16 @ Sur G 1 X X 7/29/25 X X X X 30 SP 16 @ 1' G 1 X X 7/29/25 X X X X 27 NH 1 @ Sur G 1 X X 7/29/25 X X X X				1	-				-	7/29/2	5		Х	X							
ΘU SP 15 @ 1' G 1 X X 7/29/25 X				1						7/29/2	5			X							
25 SP 16 @ Sur G 1 X X 7/29/25 X X X X 20 SP 16 @ 1' G 1 X X 7/29/25 X X X X 27 NH 1 @ Sur G 1 X X 7/29/25 X X X X			G	1		Х			X	7/29/2	5	Х	X	х							
Au SP 16 @ 1' G 1 X X 7/29/25 X X X A) NH 1 @ Sur G 1 X X X 7/29/25 X X X		SP 16 @ Sur	G	1		Х			X	7/29/2	5	Х	Х	X							
27 NH 1 @ Sur G 1 X X 7/29/25 X X X		SP 16 @ 1'	G	1		X			X	7/29/2	5	Х	Х	Х							
			G	1		X			Х	7/29/2	5	Х	Х	х							
	28	NH 1 @ 1'	G	1		X			X	7/29/2	5	Х	Х	X							
QG EH 1 @ Sur G 1 X X 7/29/25 X X X		EH 1 @ Sur	G	1		X			X	7/29/2	5	Х	Х	Х							
3U EH 1 @ 1' G 1 X X 7/29/25 X X X	30	EH 1 @ 1'	G	1		X			X	7/29/2	5	Х	X	X							
	affiliates or successors aris	sing out of or related to the performance of services hereunder by Ca	rdinal, rega	ardless of	whether:						ons or otherwise.	sult:	☐ Ye	s 🗆 No	Add'I	Phone	#:				
pervice. 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: Received By: Verbal Result: Yes No Add'l Phone #:	MIN	Mu Time: 450	7	2	all	ax	ac	a	de	Ser	All Results	are er	nailed.	Please pro							
iffiliates 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 B	Date:	Rec	elved	By:						REMARKS	S:									
Relinquished By: Date: Received By: Date: Date: Received By: Date: Received By: Date: Received By: Date: Received By: Received By:	Delivered By: (0	Circle One) Observed Temp. °C	-71	0	Samp	ole Co	nditio	on			Turnaroun	d Time	:		X						
Relinquished By: Date: Time: Date: Received By: Date: Time: Date: Received By: Date: Received By: Date: Time: Date: Received By: Time: Time: Date: Time: Time: Time: Delivered By: (Circle One) Description Observed Temp. °C 2 Sample Condition CHECKED BY: Turnaround Time: Standard X Bacteria (only) Sample Condition X Bacte	Sampler - UPS -		-			res E	Yes		4	nitials)	Thermomet Correction	er ID #	#140	Rush +0,3c			Intact is Yes		served 1	emp. °C	

Relinquished By:	1 (00)	Jawara Ildan	All Results are emailed. Please provide Er	d'I Phone #: nail address: Detechenv.com
Relinquished By:	Date: Receiv		REMARKS:	
	Observed Temp. °C 7.0 Corrected Temp. °C 6.7	Sample Condition Cool Intact (Initials) Yes Yes No No	Turnaround Time: Standard Rush Thermometer ID #140 Correction Factor -0.8°C + 0.3°C	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C

101 East Marland, Hobbs, NM 88240

e 40 of 40

State: NM Fax #: Project Owner Unit 27 -103.676651 chez	Zip: Mev	vboui	3824	Oil Co	mpan	Att Add	dres y: ate:	iny:	Mewbourne Connor Wa		6	M)	(B)							
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Project Owner Unit 27 -103.676651 chez	(C)OMP.		rne C		mpan	y Cit	y: ate:	is:	Zip:		6	M)	B)							
Unit 27 -103.676651 chez	(C)OMP.		rne C		mpan	Sta	ite:		Zip:		60	(W	<u>B</u>							
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	OR (C)OMP.	SS		***			one	#:			Chloride	TPH (8015M)	BTEX (8021B)							
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	(G)RAB	# CONTAINERS	GROUNDWATER	SOIL	OIL	OTHER:	ACID/BASE:	ICE / COOL COTHER:	DATE	TIME										
	G	1		X				X	7/29/25		Х	Х	Х							
	G	1		X				X	7/29/25		Х	Х	X							
	G	1		X				X	7/29/25		Х	Х	Х							
	G	1	-	X				X	7/29/25		Х	Х	X			-				-
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tai	any other cause whatsoever shall be de all or consequental damages, including w rformance of services hereunder by Car	G G G G G G G G G G G G G G G G G G G	G 1 G 1 G 1 G 1 G 1 G 1 G 1 G 1 G 1 G 1	G 1 G 1 G 1 G 1 G 1 G 1 G 1 G 1 G 1 G 1	G 1 X G 1 X	G 1 X G 1 X	G 1 X G 1 X G 1 X G 1 X G 1 X G 1 X G 1 X G 1 S	G 1 X G 1 X	G 1 X X X X G 1 X X X X G 1 X X	G 1 X X 7/29/25 ity and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after come of the cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after come for cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after come for cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after come for cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after come for cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after come for cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after come for cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after come for cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after come for cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after come for cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after come for cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after come for cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after come for cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after come for cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after come for cause whatsoev	G 1 X X 7/29/25 Ity 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 any other cause whatsoever shall be deemed valvied unless made in writing and received by Cardinal within 30 days after completion of the app in or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, formance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	G 1 X X 7/29/25 X X	G 1 X X 7/29/25 X X X G 1 X X 7/29/25 X X X X X X X X X X X X X X X X X X X	G 1 X X X 7/29/25 X X X X G 1 X X 7/29/25 X X X X G 1 X X 7/29/25 X X X X G 1 X X 7/29/25 X X X X G 1 X X 7/29/25 X X X X X X X X X X X X X X X 7/29/25 X	G 1 X X X 7/29/25 X X X X G 1 X X 7/29/25 X X X X X G 1 X X X 7/29/25 X X X X X G 1 X X X 7/29/25 X X X X X G 1 X X X 7/29/25 X X X X X X G 1 X X X 7/29/25 X X X X X X X G 1 X X X X 7/29/25 X X X X X X X X X X X X X X X X X X X	G 1 X X X 7/29/25 X X X X G X X X X X G G 1 X X X X X X X	G 1 X X X 7/29/25 X X X X G X X X X X G G 1 X X X X X X X	G 1 X X X 7/29/25 X X X X G X X X X X G X X X X X X X X	G 1 X X X 7/29/25 X X X X X G 1 X X 7/29/25 X X X X X X X X X X X X X X X X X X X	G 1 X X X X X X X X X X X X X X X X X X

Relinquished By: Mu	Date: 7-30-25 Received		All Results are emailed. Please provide	Add'I Phone #: Email address: @etechenv.com
Relinquished By:	Date: Receive	ed By:	REMARKS:	
	Observed Temp. °C 7, 0 Corrected Temp. °C 6.7	Cool Intact (Initials) Yes Yes	Turnaround Time: Standard Rush Thermometer ID #140 Correction Factor 0.6°C 10,3 d	X Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C



August 11, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS WEST UNIT 27

Enclosed are the results of analyses for samples received by the laboratory on 08/05/25 14:51.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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.

Celey D. Keine

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



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/05/2025 Sampling Date: 08/05/2025

Reported: 08/11/2025 Sampling Type: Soil Project Name: **RED HILLS WEST UNIT 27**

Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: SP 1 @ 5' (H254781-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2025	ND	1.95	97.3	2.00	2.79	
Toluene*	<0.050	0.050	08/06/2025	ND	1.96	97.8	2.00	1.92	
Ethylbenzene*	<0.050	0.050	08/06/2025	ND	1.97	98.3	2.00	2.68	
Total Xylenes*	<0.150	0.150	08/06/2025	ND	5.97	99.5	6.00	2.66	
Total BTEX	<0.300	0.300	08/06/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	08/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2025	ND	204	102	200	5.43	
DRO >C10-C28*	<10.0	10.0	08/06/2025	ND	199	99.6	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	08/06/2025	ND					
Surrogate: 1-Chlorooctane	102	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	104	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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 client for 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 thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential 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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Analyzed By: 14

Received: 08/05/2025

Reported: 08/11/2025

Project Name: RED HILLS WEST UNIT 27
Project Number: 22714

Project Location: MEWBOURNE 32.052347-103.676651

ma/ka

Sampling Date: 08/05/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SP 3 @ 3' (H254781-02)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2025	ND	1.95	97.3	2.00	2.79	
Toluene*	<0.050	0.050	08/06/2025	ND	1.96	97.8	2.00	1.92	
Ethylbenzene*	<0.050	0.050	08/06/2025	ND	1.97	98.3	2.00	2.68	
Total Xylenes*	<0.150	0.150	08/06/2025	ND	5.97	99.5	6.00	2.66	
Total BTEX	<0.300	0.300	08/06/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2025	ND	204	102	200	5.43	
DRO >C10-C28*	<10.0	10.0	08/06/2025	ND	199	99.6	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	08/06/2025	ND					
Surrogate: 1-Chlorooctane	100	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	108	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential 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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Kreene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

08/05/2025 Sampling Date:

Analyzed By: 14

Project Name: RED HILLS WEST UNIT 27 Sampling Condition:

Project Number: 22714

Project Location: MEWBOURNE 32.052347-103.676651

ma/ka

Reported: 08/11/2025 Sampling Type: Soil

Sample Received By: Shalyn Rodriguez

08/05/2025

Cool & Intact

Sample ID: SP 5 @ 2' (H254781-03)

Received:

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2025	ND	1.95	97.3	2.00	2.79	
Toluene*	<0.050	0.050	08/06/2025	ND	1.96	97.8	2.00	1.92	
Ethylbenzene*	<0.050	0.050	08/06/2025	ND	1.97	98.3	2.00	2.68	
Total Xylenes*	<0.150	0.150	08/06/2025	ND	5.97	99.5	6.00	2.66	
Total BTEX	<0.300	0.300	08/06/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2025	ND	204	102	200	5.43	
DRO >C10-C28*	<10.0	10.0	08/06/2025	ND	199	99.6	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	08/06/2025	ND					
Surrogate: 1-Chlorooctane	109	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	110	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential 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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine



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

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 client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential 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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keens

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

age 6 of 6

Company Name	: Etech Environmental & Safety Solution	ions,	Inc.							B	ILL TO					ANA	LYSIS	REQ	UEST		
Project Manage	r: Lance Crenshaw							P.O	. #:								T				
Address: 261	7 West Marland							Con	npai	ıy:	Viewbourne (Oil Compan									
City: Hobbs	State: NM	Zip	o:	8824	10			Attr	1:		Connor Wal	ker									
Phone #: (57	5) 264-9884 Fax #:							Add	ires	s:											
Project#: 227	14 Project Owns	r: Me	ewbo	urne (Oil Co	omp	any	City	<i>r</i> :					=	<u>@</u>						
roject Name:	Red Hills West Unit 27							Stat	te:		Zip:		de	TPH (8015M)	(8021B)						
roject Location	n: 32.052347, -103.676651							Pho	ne i	f:			Chloride	801	8						
ampler Name:	Alyxsis Sanchez	77.75						Fax	#:	77			돗	H	×						
FOR LAB USE ONLY		Τ.	Т		MA	TRIX	(\neg	PRE	SERV	. SAMP	LING		T	ВТЕХ						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OM	AIN	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME									
1	SP 1 @ 5'	G	1		X					X	8/5/25		X	X	Х						
2	SP 3 @ 3'	G	1		X					X	8/5/25		Х	X	Х						
3	SP 5 @ 2'	G	1		X			\dashv	- 1	X	8/5/25		Х	Х	Х						-
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LEASE NOTE: Liability an	d Damages. Cardinal's liability and client's exclusive remedy for an	y claim a	arising	whether b	ased in	contra	ct or tor	t, shall	be lim	ited to th	ne amount paid by th	e client for the									

Relinquished By:	Pimer.	Received By:	uy	Verbal Result: ☐ Ye All Results are emailed.	A THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN C	ide Em	'I Phone #; ail address: techenv.com
Relinquished By:	Date:	Received By:		REMARKS:			
Delivered By: (Circle One)	Time: Observed Temp. °C	Sample Condition	CHECKED BY:	Turnaround Time:	Standard	X	Bacteria (only) Sample Condition
	Corrected Temp. °C	Cool Intact Secol Intact No No	(Initials)	Thermometer ID #140 Correction Factor -0.6°C	Rush		Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C



August 15, 2025

LANCE CRENSHAW
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: RED HILLS WEST UNIT 27

Enclosed are the results of analyses for samples received by the laboratory on 08/11/25 16:34.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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.

Celey D. Keine

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



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Applyand By 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: SP 1 @ SUR (H254932-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.72	85.9	2.00	5.27	
Toluene*	<0.050	0.050	08/13/2025	ND	1.84	92.0	2.00	5.79	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.89	94.5	2.00	6.04	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.86	97.7	6.00	7.14	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5760	16.0	08/13/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	204	102	200	2.43	
DRO >C10-C28*	252	10.0	08/13/2025	ND	185	92.3	200	1.41	
EXT DRO >C28-C36	64.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	76.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	103	% 40.6-15	3						

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Celeg D. Kreene



08/08/2025

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/11/2025 Sampling Date:

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: SP 13 @ 2' (H254932-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.72	85.9	2.00	5.27	
Toluene*	<0.050	0.050	08/13/2025	ND	1.84	92.0	2.00	5.79	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.89	94.5	2.00	6.04	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.86	97.7	6.00	7.14	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/13/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	204	102	200	2.43	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	185	92.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	73.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.0	% 40.6-15	3						

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Celeg D. Kreene



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

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Celey D. Keine



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Company Name	(575) 393-2326 FA e: Etech Environmenta			nc.		-					BI	LL TO					-	ANAL	YSIS	REQ	UEST		e 1 of 1	Page
roject Manage	r: Lance Crenshaw							P	.0.	t:														r
ddress: 261	17 West Marland							c	omp	any	: 1	Mewbourne	Oil Compan											
ity: Hobbs		State: NM	Zip		824	0		A	ttn:			Connor Wa	lker											
hone #: (57	5) 264-9884	Fax #:						A	ddre	ess:			United States											
roject #: 227	714	Project Owner:	Me	vbou	ne O	il Co	mpa	nyC	ity:						3	B B								
roject Name:	Red Hills West Unit 27							s	tate	:	Ī	Zip:		de	TPH (8015M)	BTEX (8021B)								
roject Location	n: 32.052347, -103.67	6651	101					P	hon	e #:				Chloride	(80	(8)								
Sampler Name:	Alyxsis Sanchez							F	ax#		_			등	포	Ĕ								
FOR LAB USE ONLY			۵.			MAT	RIX		PF	RESE	RV.	SAM	PLING		F	В								
Lab I.D.	Sample I	.D.	(G)RAB OR (C)OMP	# CONTAINERS	WASTEWATER	SOIL	OIL	SLUDGE	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME											
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2	SP 13 @ 2'		G	1	+	X			+	X	Н	8/8/25		Х	Х	Х								-
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alyses. All claims includi	nd Damages. Cardinal's liability and clier ing those for negligence and any other ca	use whatsoever shall be deem	ned wa	ved unic	ess made	e in writ	ing and	receive	d by C	ardinal	within 3	30 days after con	pletion of the app	licable										
iliates or successors arisi	cardinal be liable for incidental or consequence of or related to the performance of	f services hereunder by Cardin	nal, reg	ardless	of wheth	er such							or otherwise.	oult-	H V-		No	Addus	hore #					
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	Bus - Other: Co	rrected Temp. °C	100			Yes					4		Thermomete Correction I	- ID #	440				[] Vac	Yes				

Relinquished By:	8.11.25	ved By:		Verbal Result:
Relinquished By:		ved By:		REMARKS:
The state of the s	Observed Temp. °C 5.17 Corrected Temp. °C 48	Sample Condition Cool Intact Yes Yes	CHECKED BY: (Initials)	Turnaround Time: Standard X Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Thermometer ID #140 Correction Factor - 9-6°C 78:3 ?



August 15, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS WEST UNIT 27

Enclosed are the results of analyses for samples received by the laboratory on 08/11/25 16:34.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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.

Celey D. Keine

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,

Celev D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

A I J 711

Sampling Date: 08/08/2025

Reported:

Received:

08/11/2025 08/15/2025

Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27

Sampling Condition: Sample Received By: Cool & Intact Alyssa Parras

Project Number: 22714

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 1 @ 0-3" (H254929-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2025	ND	1.63	81.4	2.00	7.07	
Toluene*	<0.050	0.050	08/12/2025	ND	1.69	84.7	2.00	8.76	
Ethylbenzene*	<0.050	0.050	08/12/2025	ND	1.71	85.7	2.00	9.21	
Total Xylenes*	<0.150	0.150	08/12/2025	ND	5.03	83.8	6.00	9.71	
Total BTEX	<0.300	0.300	08/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	08/12/2025	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2025	ND	229	114	200	1.23	
DRO >C10-C28*	642	10.0	08/12/2025	ND	214	107	200	0.123	
EXT DRO >C28-C36	160	10.0	08/12/2025	ND					
Surrogate: 1-Chlorooctane	104	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	120	% 40.6-15	3						

Cardinal Laboratories

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 2 @ 0-3" (H254929-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2025	ND	1.63	81.4	2.00	7.07	
Toluene*	<0.050	0.050	08/12/2025	ND	1.69	84.7	2.00	8.76	
Ethylbenzene*	< 0.050	0.050	08/12/2025	ND	1.71	85.7	2.00	9.21	
Total Xylenes*	<0.150	0.150	08/12/2025	ND	5.03	83.8	6.00	9.71	
Total BTEX	<0.300	0.300	08/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	08/12/2025	ND	432	108	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2025	ND	229	114	200	1.23	
DRO >C10-C28*	468	10.0	08/12/2025	ND	214	107	200	0.123	
EXT DRO >C28-C36	121	10.0	08/12/2025	ND					
Surrogate: 1-Chlorooctane	101 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	116 9	% 40.6-15	3						

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Celey D. Keine

Cardinal Laboratories



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 3 @ 0-3" (H254929-03)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2025	ND	1.63	81.4	2.00	7.07	
Toluene*	<0.050	0.050	08/12/2025	ND	1.69	84.7	2.00	8.76	
Ethylbenzene*	<0.050	0.050	08/12/2025	ND	1.71	85.7	2.00	9.21	
Total Xylenes*	<0.150	0.150	08/12/2025	ND	5.03	83.8	6.00	9.71	
Total BTEX	<0.300	0.300	08/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5520	16.0	08/12/2025	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2025	ND	229	114	200	1.23	
DRO >C10-C28*	<10.0	10.0	08/12/2025	ND	214	107	200	0.123	
EXT DRO >C28-C36	<10.0	10.0	08/12/2025	ND					
Surrogate: 1-Chlorooctane	104	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	105	% 40.6-15	3						

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Celeg D. Freene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 4 @ 0-3" (H254929-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2025	ND	1.63	81.4	2.00	7.07	
Toluene*	<0.050	0.050	08/12/2025	ND	1.69	84.7	2.00	8.76	
Ethylbenzene*	<0.050	0.050	08/12/2025	ND	1.71	85.7	2.00	9.21	
Total Xylenes*	<0.150	0.150	08/12/2025	ND	5.03	83.8	6.00	9.71	
Total BTEX	<0.300	0.300	08/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2560	16.0	08/12/2025	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2025	ND	229	114	200	1.23	
DRO >C10-C28*	550	10.0	08/12/2025	ND	214	107	200	0.123	
EXT DRO >C28-C36	137	10.0	08/12/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	118	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: Sample Received By: 22714 Alyssa Parras

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 5 @ 0-3" (H254929-05)

BTEX 8021B	mg/	'kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2025	ND	1.63	81.4	2.00	7.07	
Toluene*	<0.050	0.050	08/12/2025	ND	1.69	84.7	2.00	8.76	
Ethylbenzene*	<0.050	0.050	08/12/2025	ND	1.71	85.7	2.00	9.21	
Total Xylenes*	<0.150	0.150	08/12/2025	ND	5.03	83.8	6.00	9.71	
Total BTEX	<0.300	0.300	08/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3400	16.0	08/13/2025	ND	416	104	400	0.00	QM-07, QR-03
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2025	ND	229	114	200	1.23	
DRO >C10-C28*	69.5	10.0	08/12/2025	ND	214	107	200	0.123	
EXT DRO >C28-C36	17.9	10.0	08/12/2025	ND					
Surrogate: 1-Chlorooctane	108 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	110 %	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 6 @ 0-3" (H254929-06)

RTFY 8021R

B1EX 8021B	тд/кд		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2025	ND	1.63	81.4	2.00	7.07	
Toluene*	<0.050	0.050	08/12/2025	ND	1.69	84.7	2.00	8.76	
Ethylbenzene*	<0.050	0.050	08/12/2025	ND	1.71	85.7	2.00	9.21	
Total Xylenes*	<0.150	0.150	08/12/2025	ND	5.03	83.8	6.00	9.71	
Total BTEX	<0.300	0.300	08/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15100	16.0	08/13/2025	ND	416	104	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	08/12/2025	ND	229	114	200	1.23	
DRO >C10-C28*	203	10.0	08/12/2025	ND	214	107	200	0.123	
EXT DRO >C28-C36	60.3	10.0	08/12/2025	ND					
Surrogate: 1-Chlorooctane	104	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	113	% 40.6-15	3						

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Cardinal Laboratories



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 7 @ 0-3" (H254929-07)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2025	ND	1.63	81.4	2.00	7.07	
Toluene*	<0.050	0.050	08/12/2025	ND	1.69	84.7	2.00	8.76	
Ethylbenzene*	< 0.050	0.050	08/12/2025	ND	1.71	85.7	2.00	9.21	
Total Xylenes*	<0.150	0.150	08/12/2025	ND	5.03	83.8	6.00	9.71	
Total BTEX	<0.300	0.300	08/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4900	16.0	08/13/2025	ND	416	104	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	08/12/2025	ND	229	114	200	1.23	
DRO >C10-C28*	<10.0	10.0	08/12/2025	ND	214	107	200	0.123	
EXT DRO >C28-C36	<10.0	10.0	08/12/2025	ND					
Surrogate: 1-Chlorooctane	108 %	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	107 9	40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 8 @ 0-3" (H254929-08)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2025	ND	1.63	81.4	2.00	7.07	
Toluene*	<0.050	0.050	08/12/2025	ND	1.69	84.7	2.00	8.76	
Ethylbenzene*	<0.050	0.050	08/12/2025	ND	1.71	85.7	2.00	9.21	
Total Xylenes*	<0.150	0.150	08/12/2025	ND	5.03	83.8	6.00	9.71	
Total BTEX	<0.300	0.300	08/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5760	16.0	08/13/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2025	ND	188	93.9	200	0.402	
DRO >C10-C28*	<10.0	10.0	08/12/2025	ND	207	103	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	08/12/2025	ND					
Surrogate: 1-Chlorooctane	93.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.7	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 9 @ 0-3" (H254929-09)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2025	ND	1.63	81.4	2.00	7.07	
Toluene*	<0.050	0.050	08/12/2025	ND	1.69	84.7	2.00	8.76	
Ethylbenzene*	<0.050	0.050	08/12/2025	ND	1.71	85.7	2.00	9.21	
Total Xylenes*	<0.150	0.150	08/12/2025	ND	5.03	83.8	6.00	9.71	
Total BTEX	<0.300	0.300	08/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6560	16.0	08/13/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2025	ND	188	93.9	200	0.402	
DRO >C10-C28*	42.3	10.0	08/12/2025	ND	207	103	200	1.48	
EXT DRO >C28-C36	21.2	10.0	08/12/2025	ND					
Surrogate: 1-Chlorooctane	86.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.9	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 10 @ 0-3" (H254929-10)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2025	ND	1.63	81.4	2.00	7.07	
Toluene*	<0.050	0.050	08/12/2025	ND	1.69	84.7	2.00	8.76	
Ethylbenzene*	<0.050	0.050	08/12/2025	ND	1.71	85.7	2.00	9.21	
Total Xylenes*	<0.150	0.150	08/12/2025	ND	5.03	83.8	6.00	9.71	
Total BTEX	<0.300	0.300	08/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11000	16.0	08/13/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	188	93.9	200	0.402	
DRO >C10-C28*	98.8	10.0	08/13/2025	ND	207	103	200	1.48	
EXT DRO >C28-C36	45.5	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	93.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.1	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 11 @ 0-3" (H254929-11)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2025	ND	1.63	81.4	2.00	7.07	
Toluene*	<0.050	0.050	08/12/2025	ND	1.69	84.7	2.00	8.76	
Ethylbenzene*	<0.050	0.050	08/12/2025	ND	1.71	85.7	2.00	9.21	
Total Xylenes*	<0.150	0.150	08/12/2025	ND	5.03	83.8	6.00	9.71	
Total BTEX	<0.300	0.300	08/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	08/13/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	188	93.9	200	0.402	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	207	103	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	95.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	92.2	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 12 @ 0-3" (H254929-12)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2025	ND	1.63	81.4	2.00	7.07	
Toluene*	<0.050	0.050	08/12/2025	ND	1.69	84.7	2.00	8.76	
Ethylbenzene*	<0.050	0.050	08/12/2025	ND	1.71	85.7	2.00	9.21	
Total Xylenes*	<0.150	0.150	08/12/2025	ND	5.03	83.8	6.00	9.71	
Total BTEX	<0.300	0.300	08/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1 9	71.5-134	1						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6080	16.0	08/13/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	188	93.9	200	0.402	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	207	103	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	83.4 9	% 44.4-145	ī						
Surrogate: 1-Chlorooctadecane	83.7 9	40.6-153	}						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 13 @ 0-3" (H254929-13)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2025	ND	1.63	81.4	2.00	7.07	
Toluene*	<0.050	0.050	08/12/2025	ND	1.69	84.7	2.00	8.76	
Ethylbenzene*	<0.050	0.050	08/12/2025	ND	1.71	85.7	2.00	9.21	
Total Xylenes*	<0.150	0.150	08/12/2025	ND	5.03	83.8	6.00	9.71	
Total BTEX	<0.300	0.300	08/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5520	16.0	08/13/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	188	93.9	200	0.402	
DRO >C10-C28*	27.9	10.0	08/13/2025	ND	207	103	200	1.48	
EXT DRO >C28-C36	13.2	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	90.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.4	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 14 @ 0-3" (H254929-14)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.63	81.4	2.00	7.07	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.7	2.00	8.76	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.71	85.7	2.00	9.21	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.8	6.00	9.71	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10500	16.0	08/13/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	188	93.9	200	0.402	
DRO >C10-C28*	159	10.0	08/13/2025	ND	207	103	200	1.48	
EXT DRO >C28-C36	67.3	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	87.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.0	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Analyzed By: JH

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 15 @ 0-3" (H254929-15)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.63	81.4	2.00	7.07	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.7	2.00	8.76	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.71	85.7	2.00	9.21	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.8	6.00	9.71	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5040	16.0	08/13/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	188	93.9	200	0.402	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	207	103	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	92.2	% 44.4-14.	5						
Surrogate: 1-Chlorooctadecane	89.8	% 40.6-15.	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 16 @ 0-3" (H254929-16)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.62	81.2	2.00	8.64	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.4	2.00	9.96	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.70	85.1	2.00	9.93	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.9	6.00	10.1	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5120	16.0	08/13/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	188	93.9	200	0.402	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	207	103	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	91.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.5	% 40.6-15	3						

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Celeg D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 17 @ 0-3" (H254929-17)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.62	81.2	2.00	8.64	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.4	2.00	9.96	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.70	85.1	2.00	9.93	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.9	6.00	10.1	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3920	16.0	08/13/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	188	93.9	200	0.402	
DRO >C10-C28*	79.1	10.0	08/13/2025	ND	207	103	200	1.48	
EXT DRO >C28-C36	29.7	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	98.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.1	% 40.6-15	3						

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Celeg D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Analyzed By: JH

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 18 @ 0-3" (H254929-18)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.62	81.2	2.00	8.64	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.4	2.00	9.96	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.70	85.1	2.00	9.93	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.9	6.00	10.1	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	08/13/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	188	93.9	200	0.402	
DRO >C10-C28*	112	10.0	08/13/2025	ND	207	103	200	1.48	
EXT DRO >C28-C36	44.2	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	87.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	93.7	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 19 @ 0-3" (H254929-19)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.62	81.2	2.00	8.64	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.4	2.00	9.96	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.70	85.1	2.00	9.93	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.9	6.00	10.1	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4080	16.0	08/13/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	188	93.9	200	0.402	
DRO >C10-C28*	17.4	10.0	08/13/2025	ND	207	103	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	82.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.5	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 20 @ 0-3" (H254929-20)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.62	81.2	2.00	8.64	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.4	2.00	9.96	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.70	85.1	2.00	9.93	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.9	6.00	10.1	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	08/13/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	188	93.9	200	0.402	
DRO >C10-C28*	22.1	10.0	08/13/2025	ND	207	103	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	90.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	91.2	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 21 @ 0-3" (H254929-21)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.62	81.2	2.00	8.64	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.4	2.00	9.96	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.70	85.1	2.00	9.93	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.9	6.00	10.1	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	08/13/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	188	93.9	200	0.402	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	207	103	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	95.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	93.2	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Analyzed By: JH

Received: 08/11/2025

Sampling Date: 08/08/2025

Reported: 08/15/2025
Project Name: RED HILLS WEST UNIT 27

Sampling Type: Soil

Project Number: 22714

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 22 @ 0-3" (H254929-22)

BTEX 8021B

DILX GOZID	ıııg,	Ng .	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.62	81.2	2.00	8.64	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.4	2.00	9.96	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.70	85.1	2.00	9.93	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.9	6.00	10.1	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	08/13/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	188	93.9	200	0.402	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	207	103	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	98.2	% 44.4-14.	5						
Surrogate: 1-Chlorooctadecane	94.4	% 40.6-15.	3						

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Celeg D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 23 @ 0-3" (H254929-23)

BTEX 8021B

	9/	9	71.14.1, = 0						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.62	81.2	2.00	8.64	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.4	2.00	9.96	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.70	85.1	2.00	9.93	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.9	6.00	10.1	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	08/13/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	188	93.9	200	0.402	
DRO >C10-C28*	31.8	10.0	08/13/2025	ND	207	103	200	1.48	
EXT DRO >C28-C36	13.1	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	93.5	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	91.1	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 24 @ 0-3" (H254929-24)

BTEX 8021B

DIEX GOZID	ıııg,	- Kg	Allulyzo	.u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.62	81.2	2.00	8.64	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.4	2.00	9.96	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.70	85.1	2.00	9.93	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.9	6.00	10.1	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1620	16.0	08/13/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	188	93.9	200	0.402	
DRO >C10-C28*	14.1	10.0	08/13/2025	ND	207	103	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	95.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	92.7	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 25 @ 0-3" (H254929-25)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.62	81.2	2.00	8.64	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.4	2.00	9.96	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.70	85.1	2.00	9.93	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.9	6.00	10.1	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6400	16.0	08/13/2025	ND	400	100	400	3.92	QM-07
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	188	93.9	200	0.402	
DRO >C10-C28*	82.4	10.0	08/13/2025	ND	207	103	200	1.48	
EXT DRO >C28-C36	41.4	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	93.4	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	96.1	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 26 @ 0-3" (H254929-26)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.62	81.2	2.00	8.64	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.4	2.00	9.96	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.70	85.1	2.00	9.93	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.9	6.00	10.1	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	08/13/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	188	93.9	200	0.402	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	207	103	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	98.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.8	% 40.6-15	3						

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Celeg D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 27 @ 0-3" (H254929-27)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.62	81.2	2.00	8.64	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.4	2.00	9.96	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.70	85.1	2.00	9.93	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.9	6.00	10.1	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5000	16.0	08/13/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	188	93.9	200	0.402	
DRO >C10-C28*	73.6	10.0	08/13/2025	ND	207	103	200	1.48	
EXT DRO >C28-C36	38.6	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	96.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.4	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Sample Received By: Project Number: 22714 Alyssa Parras

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 28 @ 0-3" (H254929-28)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.62	81.2	2.00	8.64	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.4	2.00	9.96	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.70	85.1	2.00	9.93	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.9	6.00	10.1	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9840	16.0	08/13/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	199	99.6	200	1.08	
DRO >C10-C28*	61.3	10.0	08/13/2025	ND	181	90.5	200	1.16	
EXT DRO >C28-C36	19.7	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	85.0 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.0 9	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 29 @ 0-3" (H254929-29)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.62	81.2	2.00	8.64	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.4	2.00	9.96	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.70	85.1	2.00	9.93	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.9	6.00	10.1	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	08/13/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	199	99.6	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	181	90.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	85.8	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	78.4	% 40.6-15	3						

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Celeg D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 30 @ 0-3" (H254929-30)

BTEX 8021B

DILX GOZID	iiig/	ng .	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.62	81.2	2.00	8.64	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.4	2.00	9.96	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.70	85.1	2.00	9.93	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.9	6.00	10.1	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	08/13/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	199	99.6	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	181	90.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	82.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.1	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Analyzed By: JH

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 31 @ 0-3" (H254929-31)

BTEX 8021B

		<u> </u>							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.62	81.2	2.00	8.64	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.4	2.00	9.96	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.70	85.1	2.00	9.93	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.9	6.00	10.1	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	08/13/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	199	99.6	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	181	90.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	71.9	% 44.4-14	7.5						
Surrogate: 1-Chlorooctadecane	65.9	% 40.6-15	3						

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Celeg D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 32 @ 0-3" (H254929-32)

BTEX 8021B

	9,	9	7,2-5						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.62	81.2	2.00	8.64	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.4	2.00	9.96	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.70	85.1	2.00	9.93	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.9	6.00	10.1	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	08/13/2025	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	199	99.6	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	181	90.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	59.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	53.0	% 40.6-15	3						

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Celeg D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 33 @ 0-3" (H254929-33)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.62	81.2	2.00	8.64	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.4	2.00	9.96	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.70	85.1	2.00	9.93	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.9	6.00	10.1	
Total BTEX	<0.300	<0.300 0.300		ND					
Surrogate: 4-Bromofluorobenzene (PID	92.2	92.2 % 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	1090	16.0	08/13/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	199	99.6	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	181	90.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	80.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.4	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 34 @ 0-3" (H254929-34)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.62	81.2	2.00	8.64	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.4	2.00	9.96	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.70	85.1	2.00	9.93	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.9	6.00	10.1	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	08/13/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	199	99.6	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	181	90.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	81.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.9	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 35 @ 0-3" (H254929-35)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.62	81.2	2.00	8.64	
Toluene*	<0.050	0.050	08/13/2025	ND	1.69	84.4	2.00	9.96	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.70	85.1	2.00	9.93	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.03	83.9	6.00	10.1	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	08/13/2025	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	199	99.6	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	181	90.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	85.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.3	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Sample Received By: Project Number: 22714 Alyssa Parras

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 36 @ 0-3" (H254929-36)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2025	ND	1.75	87.3	2.00	2.66	
Toluene*	<0.050	0.050	08/12/2025	ND	1.79	89.6	2.00	1.97	
Ethylbenzene*	<0.050	0.050	08/12/2025	ND	1.85	92.5	2.00	0.421	
Total Xylenes*	<0.150	0.150	08/12/2025	ND	5.63	93.8	6.00	0.305	
Total BTEX	<0.300	0.300	08/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2370	16.0	08/13/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	199	99.6	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	181	90.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	85.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.9	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: Sample Received By: 22714 Alyssa Parras

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 37 @ 0-3" (H254929-37)

BTEX 8021B		'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2025	ND	1.75	87.3	2.00	2.66	
Toluene*	<0.050	0.050	08/12/2025	ND	1.79	89.6	2.00	1.97	
Ethylbenzene*	<0.050	0.050	08/12/2025	ND	1.85	92.5	2.00	0.421	
Total Xylenes*	<0.150	0.150	08/12/2025	ND	5.63	93.8	6.00	0.305	
Total BTEX	<0.300	0.300	08/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3840	16.0	08/13/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	199	99.6	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	181	90.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	85.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.8	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 38 @ 0-3" (H254929-38)

BTEX 8021B

DILX GOZID	11197	, kg	Allulyzo	Analyzea by: 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2025	ND	1.75	87.3	2.00	2.66	
Toluene*	<0.050	0.050	08/12/2025	ND	1.79	89.6	2.00	1.97	
Ethylbenzene*	<0.050	0.050	08/12/2025	ND	1.85	92.5	2.00	0.421	
Total Xylenes*	<0.150	0.150	08/12/2025	ND	5.63	93.8	6.00	0.305	
Total BTEX	<0.300	0.300	08/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	08/13/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	199	99.6	200	1.08	
DRO >C10-C28*	11.1	10.0	08/13/2025	ND	181	90.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	82.5	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	76.1	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 39 @ 0-3" (H254929-39)

BTEX 8021B

DILX GOZID	mg/	- Kg	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2025	ND	1.75	87.3	2.00	2.66	
Toluene*	<0.050	0.050	08/12/2025	ND	1.79	89.6	2.00	1.97	
Ethylbenzene*	<0.050	0.050	08/12/2025	ND	1.85	92.5	2.00	0.421	
Total Xylenes*	<0.150	0.150	08/12/2025	ND	5.63	93.8	6.00	0.305	
Total BTEX	<0.300	0.300	08/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	08/13/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	199	99.6	200	1.08	
DRO >C10-C28*	15.6	10.0	08/13/2025	ND	181	90.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	86.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.3	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 40 @ 0-3" (H254929-40)

BTEX 8021B

DIEX GOZID	ıııg,	K9	Analyzed by: 511						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2025	ND	1.75	87.3	2.00	2.66	
Toluene*	<0.050	0.050	08/12/2025	ND	1.79	89.6	2.00	1.97	
Ethylbenzene*	<0.050	0.050	08/12/2025	ND	1.85	92.5	2.00	0.421	
Total Xylenes*	<0.150	0.150	08/12/2025	ND	5.63	93.8	6.00	0.305	
Total BTEX	<0.300	0.300	08/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	08/13/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	199	99.6	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	181	90.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	78.9	% 44.4-14.	5						
Surrogate: 1-Chlorooctadecane	73.8	% 40.6-15.	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/11/2025 Sampling Date: 08/08/2025

Reported: 08/15/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 41 @ 0-3" (H254929-41)

BTEX 8021B

DIEX GOZID	11197	ng .	Alldiyac	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2025	ND	1.75	87.3	2.00	2.66	
Toluene*	<0.050	0.050	08/12/2025	ND	1.79	89.6	2.00	1.97	
Ethylbenzene*	<0.050	0.050	08/12/2025	ND	1.85	92.5	2.00	0.421	
Total Xylenes*	<0.150	0.150	08/12/2025	ND	5.63	93.8	6.00	0.305	
Total BTEX	<0.300	0.300	08/12/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	08/13/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	199	99.6	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	181	90.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	77.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	70.1	% 40.6-15	3						

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Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Mariand, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Page	a 1	of	5
		-	•

ye 44 of 48

Company Name:	Etech Environmental & Safety Solution	ns, Inc	2.		ANALYSIS REQUEST					 Pac						
Project Manager:	Lance Crenshaw			P.0	. #:											Н
Address: 2617	West Marland			Cor	npany: N	/lewbourne	Oil Company									
ity: Hobbs	State: NM	Zip:	88240	Attı	n:	Connor Wa	ilker									
Phone #: (575) 264-9884 Fax #:			Add	iress:											
Project #: 2271	4 Project Owner	Mewt	oourne Oil Compa	ny City	/ :				=	<u>@</u>						
roject Name:	Red Hills West Unit 27			Sta	te:	Zip:		9	TPH (8015M)	BTEX (8021B)						
Project Location				Pho	one #:			Chloride	801	8						
Sampler Name:	Alyxsis Sanchez			Fax	#:			홋	H	X						
FOR LAB USE ONLY		П	MATRIX		PRESERV.	SAM	PLING	١	F	E						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER:	DATE	TIME									
	FL 1 @ 0-3"		1 X		X	8/8/25		Х	Х	Х						
	FL 2 @ 0-3"	С	1 X		X	8/8/25		Х	Х	х						
3	FL 3 @ 0-3"	С	1 X		X	8/8/25		Х	Х	X						
	FL 4 @ 0-3"	С	1 X		X	8/8/25		Х	Х	х						
5	FL 5 @ 0-3"	С	1 X		X	8/8/25		Х	Х	Х						
y	FL 6 @ 0-3"	С	1 X		X	8/8/25		Х	Х	Х						
1	FL 7 @ 0-3"	С	1 X		X	8/8/25		Х	Х	X						
	FL 8 @ 0-3"	С	1 X		X	8/8/25		Х	Х	X						Ш
9	FL 9 @ 0-3"	+~+	1 X	\perp	X	8/8/25	ļ	Х	Х	Х						
D	FL 10 @ 0-3"	С	1 X		X	8/8/25		Х	Х	X						
nalyses. All claims includin	nd Damages. Cardinal's liability and client's exclusive remedy for an ig those for negligence and any other cause whatsoever shall be de-	sened waiv	ed unless made in writing and	received b	y Cardinal within	30 days after cor	npletion of the app	dicable								
ervice. In no event shall Criffiliates or successors arisin Relinquished By Relinquished By	h m 1 34	Rec					Verbal Re	are en	☐ Ye nailed.	s No			5:			
Delivered By: (C Sampler - UPS -	Bus - Other: Corrected Temp. *C	4.8:	Sample Con-	res No	(Init	(ED BY: ials)	Turnaroun Thermomete	er ID #	H40 0.6 C			Cool Ye	Intact s Ye o No	Obse	Condition erved Temp ected Tem	

affiliates or successors arising out of or related to the performan	nce of services hereunder by Cardinal	, regardless of whether such claim is based upon	any of the above stated reason	is or otherwise.		
Relinguished By:	Date:	Received By:		Verbal Result: ☐ Yes	s 🗆 No Add	l'I Phone #:
Man ma	8-11-25 Time:			All Results are emailed. Please provide Email address: pm@etechenv.com		
Relinquished By:	Date: F	Received By:		REMARKS:		
	Time:					
Delivered By: (Circle One)	Observed Temp. 5	Sample Condition	CHECKED BY:		Standard X Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C	8 Yes Yes	P	Thermometer ID #140 Correction Factor 4.5 C	.3~	☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

Received by OCD: 10/10/2025



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 2 of 5

45 of 48

Company Name	: Etech Environmenta			nc.						BI	LL TO					AN	ALYSIS	REC	QUEST	r age z	Pag
Project Manager	r: Lance Crenshaw							P.C). #:												╗
Address: 261	7 West Marland							Co	mpa	ny:	Mewbourne (Oil Company									
City: Hobbs		State: NM	Zip		88240)		Att	n:		Connor Wal	ker									
Phone #: (575	5) 264-9884	Fax #:						Ad	dres	s:											
Project #: 227	14	Project Owner:	Me	wbou	ırne Oi	I Con	pany	Cit	y:					=	<u>@</u>						
Project Name:	Red Hills West Unit 27							Sta	ite:		Zip:		de	TPH (8015M)	(8021B)						
Project Location	1: 32.052347, -103.67	6651						Ph	one :	#:			Chloride	80,	8						
Sampler Name:	Alyxsis Sanchez							Fax	K #:				돗	H	ВТЕХ						
FOR LAB USE ONLY				П		MATE	RIX		PRE	SERV.	SAMP	LING		且	E				1		
Lab I.D.	Sample I	.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME									
11	FL 11 @ 0-3"		С	1		X				X	8/8/25		Х	Х	Х						
12	FL 12 @ 0-3"		С	1		X				X	8/8/25		Х	Х	х	\perp					
13	FL 13 @ 0-3"		С	1		X				X	8/8/25		Х	Х	Х						
19	FL 14 @ 0-3"		С	1		X				X	8/8/25		Х	Х	Х						
15	FL 15 @ 0-3"		С	1		X				X	8/8/25		Х	Х	Х						
14	FL 16 @ 0-3"		С	1		X			Ш	Х	8/8/25		Х	Х	х						
15	FL 17 @ 0-3"		С	1		X				Х	8/8/25		Х	Х	Х						
18	FL 18 @ 0-3"		С	1		X				Х	8/8/25		Х	Х	Х						
19	FL 19 @ 0-3"		С	1		X				Х	8/8/25		Х	Х	Х						
20	FL 20 @ 0-3"		С	1		X				X	8/8/25		Х	Х	Х						

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affiliates or successors arising out of or related to the performan	nce of services hereunder by Cardinal, regardless	s of whether such claim is based upon	any of the above stated reason	is or otherwise.					
Relinquished By:	Date: Receiv	ed By:		Verbal Result: ☐ Y	es 🗆 No	Add'	Phone #:		
Man how	8-11-35 Time:	Days		All Results are emailed			il address: techenv.com		
Relinquished By:	Date: Receiv	ed By:		REMARKS:					
	Time:								
Delivered By: (Circle One)	Observed Temp. °C	Cook intact	CHECKED BY: (Initials)	Turnaround Time:	Standard Rush	X	Bacteria (only) S Cool Intact	ample Condition Observed Temp. °C	
Sampler - UPS - Bus - Other:	Corrected Temp. °C _4-8	Yes Yes	A	Thermometer ID #140 Correction Factor -0.6°C-	to.3:		☐ Yes ☐ Yes ☐ No ☐ No	Corrected Temp. °C	

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page	3	of	5	
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ge 46 of 48

Company Name	: Etech Environmental &	Safety Solution	ns, Ir	nc.			•			BIL	LTO					Al	VALY	SIS	REQ	UEST			Pa
Project Manage	r: Lance Crenshaw							P.O	. #:														Ц
Address: 261	7 West Marland							Con	npany	r: N	lewbourne	Oil Compan											
City: Hobbs	S	State: NM	Zip:		8824	0		Attr	n:		Connor Wa	lker											
Phone #: (57	5) 264-9884 F	ax #:						Add	iress:														
Project #: 227	14 P	Project Owner:	Mev	vbou	irne C	il Con	npany	City	r:						<u>@</u>								
roject Name:	Red Hills West Unit 27							Stat	te:		Zip:		e	(8015M)	BTEX (8021B)								
Project Location		51						Pho	ne #:				Chloride	801	8	1							
Sampler Name:	Alyxsis Sanchez							Fax	#:				홌	I	×								
FOR LAB USE ONLY				П		MATE	RIX		PRES	ERV.	SAME	PLING	١٥	TPH	E							İ	
Lab I.D.	Sample I.D).	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME											
21	FL 21 @ 0-3"		С	1		х			Х		8/8/25		Х	Х	Х								
22	FL 22 @ 0-3"		С	1		X			X		8/8/25		Х	Х	Х								
23	FL 23 @ 0-3"		С	1		X			Х		8/8/25		Х	Х	Х								
24	FL 24 @ 0-3"		С	1		X		Ш	X		8/8/25		Х	Х	Х								
25	FL 25 @ 0-3"		С	1		X			X		8/8/25		Х	Х	Х								
26	FL 26 @ 0-3"		С	1		X		Ш	X		8/8/25		Х	Х	Х								
27	FL 27 @ 0-3"		С	1		X		Ш	X		8/8/25		Х	X	Х								
28	FL 28 @ 0-3"		С	1		X	_)		8/8/25		Х	Х	X		_						
29	FL 29 @ 0-3"		С	1		X	1	\perp)		8/8/25		Х	Х	Х								
30	FL 30 @ 0-3"		С	1		X	1)		8/8/25		Х	X	X								
analyses. All claims includ	and Damages. Cardinal's liability and client's e ling those for negligence and any other cause	whatsoever shall be deer	med we	ived u	nless mac	te in writin	g and re	ceived b	y Cardin	l within 3	0 days after con	apletion of the app	licable										
affiliates or successors aris Relinquished B	4 Mu	Date: Time:	Re	gardles	s of whet red B	her such o	laim is t	ased up	on any of	the abov	e stated reasons	verbal Re All Results	are er	☐ Ye nailed.		rovide E	dd'l Ph mail ac Detech	ddress	s:				
Delivered By: (6		ected Temp. °C	51 -u	8:	C	mple Cool li 1 Yes 1 No	ntact Y	es lo		(Initi	D	Turnaroun Thermomete Correction	er ID #	1140 -0.6°C -t			ြ ငူ	OOI	ia (only Intact 	Ob	le Cond served	Temp. °	

affiliates or successors arising out of or reinted to the performan	ice of services hereunder by Cardinal.	regardless of whether such claim is based upon	any of the above stated reason	5 Of Otherwise.					
Relinquished By:		Received By:		Verbal Result: ☐ Ye	es 🗆 No	Add'l Ph	none #:		
1/1/11	8-11-25			All Results are emailed.	Please provide	Email ac	ddress:		
10/9/1/2 /1/2 0	Time:				pn	n@etech	henv.com		- 1
1 1000 0000	1034	Carringo							
Relinguished By:	Date: F	Received By:		REMARKS:					
									- 1
	Time:								- 1
Delivered By: (Circle One)	Observed Temp. *C	Sample Condition	CHECKED BY:	Turnaround Time:	Standard	X E	Bacteria (only) Sa	imple Condition	\dashv
Zomeno zm.,	-5	Cool Intact	(Initials)		Rush	Пс	cool Intact	Observed Temp. °C	- 1
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Yes Yes		Thermometer ID #140			☐ Yes ☐ Yes	•	- 1
	-1	No No	PD	Correction Factor -0.6°C -	to.3-		□ No □ No	Corrected Temp. °C	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

age 47 of 48

Company Name	: Etech Environmenta	al & Safety Solution	ns, li	nc.						BIL	LTO					ANAL	YSIS	REQ	UEST			
Project Manage	r: Lance Crenshaw							P.O.	#:													
Address: 261	7 West Marland							Con	npany	: N	lewbourne (Oil Company										
City: Hobbs		State: NM	Zip:	: {	38240)		Attn	:		Connor Wal	ker										
	5) 264-9884	Fax #:						Add	ress:													
Project #: 227	,	Project Owner:	Mey	wbou	me O	l Com	pany	City	:					_	<u></u>							
	Red Hills West Unit 27						,,	Stat			Zip:		0	TPH (8015M)	BTEX (8021B)							
Project Location		6651							ne #:				Chloride	000	80							
Sampler Name:	Alyxsis Sanchez	0001	-					Fax		-			걸	8	×							
FOR LAB USE ONLY	Alyxsis Garicilez			П		MATR	IX		PRESE	RV.	SAME	LING	O	효								
Lab I.D.	Sample I	.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME										
	FL 31 @ 0-3"		С	1		X			X		8/8/25		Х	Х	х							
31 32 33 34 35	FL 32 @ 0-3"		С	1		X			X		8/8/25		Х	Х	х							
33	FL 33 @ 0-3"		С	1		X			X		8/8/25		Х	Х	х							
31	FL 34 @ 0-3"		С	1		X			X		8/8/25		Х	Х	Х							
35	FL 35 @ 0-3"		С	1		X			X		8/8/25		Х	Х	Х							
360	FL 36 @ 0-3"		С	1		X			X		8/8/25		Х	X	Х							
37	FL 37 @ 0-3"		С	1		X			X		8/8/25		Х	Х	Х							
37 38	FL 38 @ 0-3"		С	1		X			X		8/8/25		X	X	X							
39	FL 39 @ 0-3"		С	1		X		Ц	X		8/8/25		Х	Х	Х		_					
UD	FL 40 @ 0-3"		С	1		X			X		8/8/25		Х	Х	Х							
analyses. All claims includ	and Damages. Cardinal's liability and clie ling those for negligence and any other ca Cardinal be liable for incidental or conseq ing out of or related to the performance of	ause whatsoever shall be dee mental demanes, including wi	med we Whout No	nived un	less mad business	e in writin interrupt	g and rec	elved by of use,	or loss of	within 3 profits i	36 days after com ncurred by client,	plotion of the app its subsidiaries,	ficable									
Relinquished B		Date: 8-11-25	Re	ceiv	ed By	:						Verbal Re	sult:	☐ Ye		o Add'I	Phone	#: **				
11/1/	10 1100	Time:	1									- Nesults	are er	uneu.	. icase pi	pm@ete						
Relinguished B	v:	Date:	Re	ceiv	ed By	100	_					REMARKS	S:							 		_
		Time:																				
Delivered By: (0	Circle One) Ol	bserved Temp. °C	-			nple C		ion	СН		ED BY:	Turnaroun	d Time	E	Standar	rd X		ria (only) Samp		_	
Sampler - UPS -	Bus - Other: Co	orrected Temp. °C	4.5	8-		YiBs	3 Ye	s		(Initi		Thermomet Correction	er ID #	F140				Intact	s	Temp. °(

Relinquished By:	8-11-25 Time:	ved By:		Verbal Result: All Results are emailed		te Emai	Phone #: if address: echenv.com
Relinquished By:	100	ved By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. 1C	Sample Condition Cool Intact Yes 2 Yes No No	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #140 Correction Factor #5°C	Standard Rush	X	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

48 of 48

Company Name	: Etech Environmental & Safety Solu	itions,	Inc.							BIL	LL TO					A	NAL	YSIS	REC	QUEST			
Project Manage	r: Lance Crenshaw						1	2.0.	#:														T
Address: 261	7 West Marland						(Com	pany	/: P	Mewbourne (Oil Company	-										
City: Hobbs	State: NN	1 Zip	o :	8824	10		1	Attn:			Connor Wal	ker											
Phone #: (57:	5) 264-9884 Fax #:						-	Addr	ess:											1 1	- 1		
Project #: 227	14 Project Own	er: Me	ewbo	ourne (Oil Co	omp	any	City:						=	B								
Project Name:	Red Hills West Unit 27							State	:		Zip:		de	TPH (8015M)	(8021B)						- 1		
Project Location	n: 32.052347, -103.676651						-	Phon	e #:				Chloride	80	(8)								
Sampler Name:	Alyxsis Sanchez						_	ax #	_				등	Ĭ	ВТЕХ					1 1			
FOR LAB USE ONLY		0.	ı		MA	TRIX		P	RES	ERV.	SAMF	LING		=	BT								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OM	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER:	CE / COOL	OTHER:	DATE	TIME											
UI	FL 41 @ 0-3"	C		Ĭ	X		0)	Ĭ	X		8/8/25		Х	Х	X								\neg
4		Ť	1				\Box	†															
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DI EASE NOTE: Linkston	and Damages. Cardinal's liability and client's exclusive remedy for	r any clair	arisin	n whether	hased in	n contr	act or to	rt shall	be limi	ted to th	e amount paid by	the client for the											

PLEASE NOTE: Liability and Damages, Cardinal's liability and analyses. All claims including those for negligence and any oth service. In no event shall Cardinal be liable for incidental or co	ner cause whatsoever shall be deemed wa insequental darnages, including without lin	ived unless made in writing and received by nitation, business interruptions, loss of use, o	Cardinal within 30 days after co or loss of profits incurred by clier	impletion of the applicable it, its subsidiaries,					
Relinquished By:	Date: Re	gardless of whether such claim is based upor ceived By:	n any of the above stated reason	Verbal Result:	d. Please provid		SS:		
11/Wh Mu	Time: 1034 (Ceived By:		REMARKS:	<u>p</u>	m@etechen	v.com		
Relinquished By:	Time:			REMARKO.					
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C Corrected Temp. °C	Sample Condition Cool intact Yes Yes Yes	CHECKED BY: (Imitials)	Turnaround Time: Thermometer ID #148 Correction Factor 4.8 C.	Standard Rush	Cool	es 🗌 Yes	ple Condition bserved Temp. °C orrected Temp. °C	
FORM-006 R 3.5 08/05/24	† Cardin	al cannot accept verbal cl	hanges. Please em	ail changes to celey.k	eene@cardina	llabsnm.com	n		



August 18, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS WEST UNIT 27

Enclosed are the results of analyses for samples received by the laboratory on 08/12/25 15:06.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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)

Celey D. Keine

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,

Celev D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

mg/kg

Sample ID: FL 43 @ 0-3" (H254976-01)

BTEX 8021B

DILX 6021D	ilig	r kg	Allalyze	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.5	
Toluene*	<0.050	0.050	08/13/2025	ND	1.84	92.0	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.82	91.0	2.00	6.44	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.51	91.8	6.00	5.55	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	08/13/2025	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	198	99.0	200	0.962	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	189	94.4	200	0.866	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	83.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.7	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 44 @ 0-3" (H254976-02)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.5	
Toluene*	<0.050	0.050	08/13/2025	ND	1.84	92.0	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.82	91.0	2.00	6.44	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.51	91.8	6.00	5.55	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	08/13/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	198	99.0	200	0.962	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	189	94.4	200	0.866	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	88.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.7	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 45 @ 0-3" (H254976-03)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.5	
Toluene*	<0.050	0.050	08/13/2025	ND	1.84	92.0	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.82	91.0	2.00	6.44	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.51	91.8	6.00	5.55	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	08/13/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	198	99.0	200	0.962	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	189	94.4	200	0.866	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	90.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	94.7	% 40.6-15	3						

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Celeg D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: Sample Received By: 22714 Alyssa Parras

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 46 @ 0-3" (H254976-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.5	
Toluene*	<0.050	0.050	08/13/2025	ND	1.84	92.0	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.82	91.0	2.00	6.44	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.51	91.8	6.00	5.55	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	08/13/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	167	83.3	200	0.472	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	160	79.9	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	62.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	56.3	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 47 @ 0-3" (H254976-05)

BTEX 8021B

DILX GOZID	ıııg,	K9	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.5	
Toluene*	<0.050	0.050	08/13/2025	ND	1.84	92.0	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.82	91.0	2.00	6.44	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.51	91.8	6.00	5.55	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4200	16.0	08/13/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	167	83.3	200	0.472	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	160	79.9	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	72.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	65.6	% 40.6-15.	3						

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Celeg D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 48 @ 0-3" (H254976-06)

BTEX 8021B

DIEX GOZID	11197	- Kg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.5	
Toluene*	<0.050	0.050	08/13/2025	ND	1.84	92.0	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.82	91.0	2.00	6.44	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.51	91.8	6.00	5.55	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7680	16.0	08/13/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	167	83.3	200	0.472	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	160	79.9	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	68.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	61.4	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 49 @ 0-3" (H254976-07)

BTEX 8021B

DILX GOZID	ıııg,	K9	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.5	
Toluene*	<0.050	0.050	08/13/2025	ND	1.84	92.0	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.82	91.0	2.00	6.44	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.51	91.8	6.00	5.55	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	08/13/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	167	83.3	200	0.472	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	160	79.9	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	74.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	68.1	% 40.6-15	3						

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Celeg D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 50 @ 0-3" (H254976-08)

BTEX 8021B

DIEX GOZID	ıııg,	- Kg	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.5	
Toluene*	<0.050	0.050	08/13/2025	ND	1.84	92.0	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.82	91.0	2.00	6.44	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.51	91.8	6.00	5.55	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	08/13/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	167	83.3	200	0.472	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	160	79.9	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	65.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	58.8	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 51 @ 0-3" (H254976-09)

BTEX 8021B

DIEX GOZID	1119/	<u>ng</u>	Allulyzo	.u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.5	
Toluene*	<0.050	0.050	08/13/2025	ND	1.84	92.0	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.82	91.0	2.00	6.44	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.51	91.8	6.00	5.55	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2060	16.0	08/13/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	167	83.3	200	0.472	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	160	79.9	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	65.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	58.7	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: Sample Received By: Alyssa Parras 22714

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 52 @ 0-3" (H254976-10)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.5	
Toluene*	<0.050	0.050	08/13/2025	ND	1.84	92.0	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.82	91.0	2.00	6.44	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.51	91.8	6.00	5.55	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	08/13/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	167	83.3	200	0.472	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	160	79.9	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	68.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	62.0	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 53 @ 0-3" (H254976-11)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.5	
Toluene*	<0.050	0.050	08/13/2025	ND	1.84	92.0	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.82	91.0	2.00	6.44	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.51	91.8	6.00	5.55	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	08/13/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	167	83.3	200	0.472	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	160	79.9	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	66.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	60.6	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 54 @ 0-3" (H254976-12)

BTEX 8021B

DIEX GOZID	ıııg,	- Kg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.5	
Toluene*	<0.050	0.050	08/13/2025	ND	1.84	92.0	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.82	91.0	2.00	6.44	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.51	91.8	6.00	5.55	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1300	16.0	08/13/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	167	83.3	200	0.472	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	160	79.9	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	64.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	58.4	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: Sample Received By: 22714 Alyssa Parras

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 55 @ 0-3" (H254976-13)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.4	
Toluene*	<0.050	0.050	08/13/2025	ND	1.90	94.9	2.00	13.4	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.89	94.3	2.00	9.79	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1900	16.0	08/13/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	167	83.3	200	0.472	
DRO >C10-C28*	551	10.0	08/13/2025	ND	160	79.9	200	3.95	
EXT DRO >C28-C36	99.8	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	64.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.1	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 56 @ 0-3" (H254976-14)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.4	
Toluene*	<0.050	0.050	08/13/2025	ND	1.90	94.9	2.00	13.4	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.89	94.3	2.00	9.79	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3160	16.0	08/13/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	167	83.3	200	0.472	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	160	79.9	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	50.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	47.2	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 57 @ 0-3" (H254976-15)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.4	
Toluene*	<0.050	0.050	08/13/2025	ND	1.90	94.9	2.00	13.4	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.89	94.3	2.00	9.79	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4960	16.0	08/13/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	167	83.3	200	0.472	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	160	79.9	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	61.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	56.4	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 58 @ 0-3" (H254976-16)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.4	
Toluene*	<0.050	0.050	08/13/2025	ND	1.90	94.9	2.00	13.4	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.89	94.3	2.00	9.79	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	08/13/2025	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	08/13/2025	ND	167	83.3	200	0.472	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	160	79.9	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	58.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	53.8	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 59 @ 0-3" (H254976-17)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.4	
Toluene*	<0.050	0.050	08/13/2025	ND	1.90	94.9	2.00	13.4	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.89	94.3	2.00	9.79	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4360	16.0	08/13/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	167	83.3	200	0.472	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	160	79.9	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	64.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	59.7	% 40.6-15	3						

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Celeg D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 60 @ 0-3" (H254976-18)

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.4	
Toluene*	<0.050	0.050	08/13/2025	ND	1.90	94.9	2.00	13.4	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.89	94.3	2.00	9.79	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	08/13/2025	ND	448	112	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	167	83.3	200	0.472	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	160	79.9	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	72.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	66.6	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 61 @ 0-3" (H254976-19)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.4	
Toluene*	<0.050	0.050	08/13/2025	ND	1.90	94.9	2.00	13.4	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.89	94.3	2.00	9.79	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.8 %	6 71.5-134	1						
Chloride, SM4500Cl-B	mg/l	kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	08/13/2025	ND	448	112	400	0.00	
TPH 8015M	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	167	83.3	200	0.472	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	160	79.9	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	64.2 %	6 44.4-145	ī						
Surrogate: 1-Chlorooctadecane	58.1 %	6 40.6-153	}						

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Celeg D. Kreene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 62 @ 0-3" (H254976-20)

BTEX 8021B

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050					70 110001017	True value qe	KI D	Qualifiei
	0.050	08/13/2025	ND	1.89	94.4	2.00	19.4	
<0.050	0.050	08/13/2025	ND	1.90	94.9	2.00	13.4	
<0.050	0.050	08/13/2025	ND	1.89	94.3	2.00	9.79	
<0.150	0.150	08/13/2025	ND	5.54	92.3	6.00	9.50	
<0.300	0.300	08/13/2025	ND					
93.2	% 71.5-13	4						
mg/	/kg	Analyze	d By: HM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
3600	16.0	08/13/2025	ND	416	104	400	3.77	QM-07
mg/	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	08/13/2025	ND	167	83.3	200	0.472	
<10.0	10.0	08/13/2025	ND	160	79.9	200	3.95	
<10.0	10.0	08/13/2025	ND					
66.7	% 44.4-14	5						
61.0	% 40.6-15	3						
	<0.050 <0.150 <0.300 93.2 mg/ Result 3600 mg/ Result <10.0 <10.0 66.7	<0.050 <0.150 <0.150 <0.300 93.2 % 71.5-13 mg/kg Result Reporting Limit 3600 16.0 mg/kg Result Reporting Limit <10.0 <10.0 <10.0 <10.0 <10.0 <40.0 10.0 <44.4-14	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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Celeg D. Kreene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 63 @ 0-3" (H254976-21)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.4	
Toluene*	<0.050	0.050	08/13/2025	ND	1.90	94.9	2.00	13.4	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.89	94.3	2.00	9.79	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/13/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	167	83.3	200	0.472	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	160	79.9	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	68.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	61.7	% 40.6-15.	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 64 @ 0-3" (H254976-22)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.4	
Toluene*	<0.050	0.050	08/13/2025	ND	1.90	94.9	2.00	13.4	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.89	94.3	2.00	9.79	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	08/13/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	167	83.3	200	0.472	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	160	79.9	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	69.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	62.7	% 40.6-15	3						

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Celeg D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Analyzed By: JH

Received: 08/12/2025

Sampling Date: 08/11/2025

Reported: 08/18/2025 Project Name: RED HILLS WEST UNIT 27 Sampling Type: Soil

Project Number: 22714

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 65 @ 0-3" (H254976-23)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.4	
Toluene*	<0.050	0.050	08/13/2025	ND	1.90	94.9	2.00	13.4	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.89	94.3	2.00	9.79	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1740	16.0	08/13/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	167	83.3	200	0.472	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	160	79.9	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	59.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	54.5	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 66 @ 0-3" (H254976-24)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.4	
Toluene*	<0.050	0.050	08/13/2025	ND	1.90	94.9	2.00	13.4	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.89	94.3	2.00	9.79	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1890	16.0	08/13/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	202	101	200	0.0545	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	110 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	111 9	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 67 @ 0-3" (H254976-25)

BTEX 8021B

				<u> </u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.4	
Toluene*	<0.050	0.050	08/13/2025	ND	1.90	94.9	2.00	13.4	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.89	94.3	2.00	9.79	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5520	16.0	08/13/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	202	101	200	0.0545	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	114 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	117 9	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 68 @ 0-3" (H254976-26)

BTEX 8021B

		-		<u> </u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.4	
Toluene*	<0.050	0.050	08/13/2025	ND	1.90	94.9	2.00	13.4	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.89	94.3	2.00	9.79	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	08/13/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	202	101	200	0.0545	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	107	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	109	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 69 @ 0-3" (H254976-27)

BTEX 8021B

		<u> </u>							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.4	
Toluene*	<0.050	0.050	08/13/2025	ND	1.90	94.9	2.00	13.4	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.89	94.3	2.00	9.79	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/13/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	202	101	200	0.0545	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	107	% 44.4-14	7.5						
Surrogate: 1-Chlorooctadecane	104	% 40.6-15	3						

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Celecy D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 70 @ 0-3" (H254976-28)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.4	
Toluene*	<0.050	0.050	08/13/2025	ND	1.90	94.9	2.00	13.4	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.89	94.3	2.00	9.79	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/13/2025	ND	416	104	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	08/13/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	202	101	200	0.0545	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	104	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	105	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 71 @ 0-3" (H254976-29)

BTEX 8021B

		<u> </u>							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.4	
Toluene*	<0.050	0.050	08/13/2025	ND	1.90	94.9	2.00	13.4	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.89	94.3	2.00	9.79	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/13/2025	ND	416	104	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	08/13/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	202	101	200	0.0545	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	105	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	105	% 40.6-15	3						

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Celeg D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 72 @ 0-3" (H254976-30)

BTEX 8021B

		<u> </u>							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.4	
Toluene*	<0.050	0.050	08/13/2025	ND	1.90	94.9	2.00	13.4	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.89	94.3	2.00	9.79	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/13/2025	ND	416	104	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	08/13/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	202	101	200	0.0545	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	106	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	107	% 40.6-15	3						

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Celeg D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 73 @ 0-3" (H254976-31)

BTEX 8021B

				<u> </u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.4	
Toluene*	<0.050	0.050	08/13/2025	ND	1.90	94.9	2.00	13.4	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.89	94.3	2.00	9.79	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/13/2025	ND	416	104	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	08/13/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	202	101	200	0.0545	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	108	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	109	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 74 @ 0-3" (H254976-32)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.89	94.4	2.00	19.4	
Toluene*	<0.050	0.050	08/13/2025	ND	1.90	94.9	2.00	13.4	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.89	94.3	2.00	9.79	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.54	92.3	6.00	9.50	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/13/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	202	101	200	0.0545	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	83.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.3	% 40.6-15	3						

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Celeg D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 75 @ 0-3" (H254976-33)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.72	85.8	2.00	1.97	
Toluene*	<0.050	0.050	08/13/2025	ND	1.77	88.6	2.00	1.91	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.79	89.5	2.00	2.43	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.56	92.6	6.00	1.71	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12000	16.0	08/13/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	208	104	200	1.27	
DRO >C10-C28*	10.0	10.0	08/13/2025	ND	202	101	200	0.0545	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	102	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	104	% 40.6-15	3						

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Celeg D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 76 @ 0-3" (H254976-34)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.72	85.8	2.00	1.97	
Toluene*	<0.050	0.050	08/13/2025	ND	1.77	88.6	2.00	1.91	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.79	89.5	2.00	2.43	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.56	92.6	6.00	1.71	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12800	16.0	08/13/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	208	104	200	1.27	
DRO >C10-C28*	11.9	10.0	08/13/2025	ND	202	101	200	0.0545	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	103	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	105	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 77 @ 0-3" (H254976-35)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.72	85.8	2.00	1.97	
Toluene*	<0.050	0.050	08/13/2025	ND	1.77	88.6	2.00	1.91	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.79	89.5	2.00	2.43	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.56	92.6	6.00	1.71	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7860	16.0	08/13/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	202	101	200	0.0545	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	112	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	110	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 78 @ 0-3" (H254976-36)

BTEX 8021B

DIEX GOZID	9/	rkg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.72	85.8	2.00	1.97	
Toluene*	<0.050	0.050	08/13/2025	ND	1.77	88.6	2.00	1.91	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.79	89.5	2.00	2.43	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.56	92.6	6.00	1.71	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	08/13/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	202	101	200	0.0545	
EXT DRO >C28-C36	30.5	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	115 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	116	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 79 @ 0-3" (H254976-37)

BTEX 8021B	mg/kg Result Reporting Lim	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.72	85.8	2.00	1.97	
Toluene*	<0.050	0.050	08/13/2025	ND	1.77	88.6	2.00	1.91	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.79	89.5	2.00	2.43	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.56	92.6	6.00	1.71	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7280	16.0	08/13/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	202	101	200	0.0545	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	116	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	115	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 80 @ 0-3" (H254976-38)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.72	85.8	2.00	1.97	
Toluene*	<0.050	0.050	08/13/2025	ND	1.77	88.6	2.00	1.91	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.79	89.5	2.00	2.43	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.56	92.6	6.00	1.71	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/13/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	202	101	200	0.0545	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	91.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.2	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 81 @ 0-3" (H254976-39)

BTEX 8021B

DILX GOZID	ıııg,	K9	Allulyzo	u by. 511					
Analyte	<0.050 C <0.050 C <0.050 C <0.050 C <0.150 C <0.300 C <p>eromofluorobenzene (PID 113 % mg/kg)</p>	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.72	85.8	2.00	1.97	
Toluene*	<0.050	0.050	08/13/2025	ND	1.77	88.6	2.00	1.91	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.79	89.5	2.00	2.43	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.56	92.6	6.00	1.71	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Result Reporting Limit		Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/13/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	202	101	200	0.0545	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	106 9	% 44.4-14.	5						
Surrogate: 1-Chlorooctadecane	104 9	% 40.6-15.	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 82 @ 0-3" (H254976-40)

BTEX 8021B

DIEX GOZID	11197	K9	Allulyzo	.u Dy. 311					
Analyte	<0.050 0.05 <0.050 0.05 <0.050 0.05 <0.050 0.15 <0.150 0.15 <0.300 0.30 orobenzene (PID 103 % mg/kg Result Reporting	Reporting Limit	Analyzed	Method Blank	BS % Recovery		True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.72	85.8	2.00	1.97	
Toluene*	<0.050	0.050	08/13/2025	ND	1.77	88.6	2.00	1.91	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.79	89.5	2.00	2.43	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.56	92.6	6.00	1.71	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13-	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	08/13/2025	ND	448	112	400	3.64	QM-07
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	202	101	200	0.0545	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	111 9	% 44.4-14.	5						
Surrogate: 1-Chlorooctadecane	111 9	% 40.6-15.	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 83 @ 0-3" (H254976-41)

BTEX 8021B

	91	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.72	85.8	2.00	1.97	
Toluene*	<0.050	0.050	08/13/2025	ND	1.77	88.6	2.00	1.91	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.79	89.5	2.00	2.43	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.56	92.6	6.00	1.71	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4680	16.0	08/13/2025	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	202	101	200	0.0545	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	100	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/12/2025 Sampling Date: 08/11/2025

Reported: 08/18/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 84 @ 0-3" (H254976-42)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2025	ND	1.72	85.8	2.00	1.97	
Toluene*	<0.050	0.050	08/13/2025	ND	1.77	88.6	2.00	1.91	
Ethylbenzene*	<0.050	0.050	08/13/2025	ND	1.79	89.5	2.00	2.43	
Total Xylenes*	<0.150	0.150	08/13/2025	ND	5.56	92.6	6.00	1.71	
Total BTEX	<0.300	0.300	08/13/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5520	16.0	08/13/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2025	ND	208	104	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/13/2025	ND	202	101	200	0.0545	
EXT DRO >C28-C36	<10.0	10.0	08/13/2025	ND					
Surrogate: 1-Chlorooctane	115	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	117 9	26 40.6-15	3						

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Notes and Definitions

QR-04 The RPD for the BS/BSD was outside of historical limits.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

ecovery.

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

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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 client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential 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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Kreene



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

Company Name	: Etech Environmental & Safety Solu	tions,	Inc							BI	LL TO					ANA	LYSIS	REC	QUES	Т		۳
Project Manage	r: Lance Crenshaw							P.O	.#:										T			
Address: 261	7 West Marland							Con	npan	y:	Viewbourne	Oil Compan										
City: Hobbs	State: NM	Zip):	88	240			Attr	1:		Connor Wa	iker										
Phone #: (57	5) 264-9884 Fax #:							Add	ress	:												
Project #: 227	14 Project Own	or: Me	wbo	ourne	e Oil	Com	pany	City	r:					=	<u>@</u>							
Project Name:	Red Hills West Unit 27							Stat	te:		Zip:		유	(8015M)	BTEX (8021B)							
Project Location	n: 32.052347, -103.676651							Pho	ne #	:			Chloride	8	8							
Sampler Name:	Martin Sepulveda							Fax	#:				烹	H	×							
FOR LAB USE ONLY		Τ.	T	T	N	MATR	X		PRES	ERV.	SAM	PLING	١٥	TPH	=							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME										
1	FL 43 @ 0-3"	С			1	X			X		8/11/25		Х	Х	х							
2	FL 44 @ 0-3"	С	1			X			×		8/11/25		Х	Х	х							
3	FL 45 @ 0-3"	С	1			X			×		8/11/25		Х	Х	X							
U	FL 46 @ 0-3"	С	1			X			X		8/11/25		Х	Х	X							
5	FL 47 @ 0-3"	С	1			X			X		8/11/25		Х	Х	х							
6	FL 48 @ 0-3"	С	1			X			X		8/11/25		Х	Х	X							
3	FL 49 @ 0-3"	С	1			X			X		8/11/25		Х	X	X							
8	FL 50 @ 0-3"	С	1			X			X		8/11/25		Х	X	Х							
9	FL 51 @ 0-3"	С	1			X			X		8/11/25		Х	X	Х							
	FL 52 @ 0-3"	C	1			X			X	1	8/11/25		Х	X	X							
nelyses, All claims includir	d Damages, Cardinal's liability and client's exclusive remedy for a giftees for negligence and any other cause whateover shall be d ardinal be liable for incidental or consequental damages, including	eemed w	alved	unions	made ir	willing	and rec	eived by	Cardin	d within	30 days after core	plation of the appl	Icable									
Relinquished By	ng out of or related to the performance of services hereunder by C Date:	Re		ess of w		such cla	im is ba	sed upo	on any of	the abo	ve stated reasons	Verbal Res		☐ Ye			Phone					
MA	Date: 8:12:39 Time: 1500	_	1 0	\sim		10						All Results	are en	nailed.	Please pro	pm@et						
Relinquished By	Date:	Re	cei	ived	By:	ioc						REMARKS	i:									
Delivered By: (C Sampler - UPS -	Bus - Other: Corrected Temp. *C	9.6	_		Cool	Int (es E	Yes No		-	(Init		Turnaroun Thermomete Correction F	r ID #	1140 0,6°C ±			Cool Ye	Intact s Yes o N	98	served	dition Temp. °	

Relinquished By:	8.13.35	Received By:		Verbal Result:
Relinquished By:		Received By:		REMARKS:
	Observed Temp. *C	Sample Condition Cool Intact Yes Yes No No	CHECKED BY: (Initials)	Turnaround Time: Standard X Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes Yes No No Corrected Temp. °C



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

Company Name	: Etech Environmental & Safety Solut	tions,	Inc.					YEA.	BI	LL TO					ANA	LYSIS	REC	QUEST			
Project Manage	r: Lance Crenshaw						P.	0. #:													
Address: 261	7 West Marland						Co	mpa	ny:	Viewbourne	Oil Compan										
City: Hobbs	State: NM	Zip	o :	882	40		At	tn:		Connor Wa	lker										
Phone #: (57	5) 264-9884 Fax #:						Ad	dres	s:								1				
Project #: 227	14 Project Owne	r: Me	wbo	ourne	Oil Co	mpa	ny Ci	y:						<u>@</u>							
Project Name:	Red Hills West Unit 27						St	ate:		Zip:		용	TPH (8015M)	BTEX (8021B)							
Project Location	n: 32.052347, -103.676651						Ph	one	#:			Chloride	801	8							
Sampler Name:	Martin Sepulveda							x #:				烹	I	×		1					
FOR LAB USE ONLY		T	T		MAT	RIX		PRE	SERV.	SAM	PLING	٥	<u>-</u>				1				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.		GROUNDWATER	SOIL	OIL	SLUDGE OTHER:	ACID/BASE:	ICE / COOL OTHER :	DATE	TIME										
11	FL 53 @ 0-3"	C			X				X	8/11/25		Х	Х	х							
12	FL 54 @ 0-3"	С	1		X				х	8/11/25		Х	Х	х							
13	FL 55 @ 0-3"	С	1		X				х	8/11/25		Х	Х	х							
14	FL 56 @ 0-3"	C	1		X				X	8/11/25		Х	Х	х							
15	FL 57 @ 0-3"	С	1		X				X	8/11/25		Х	X	х							
16	FL 58 @ 0-3"	С	1		X				X	8/11/25		Х	X	х							
17	FL 59 @ 0-3"	C	1		X				X	8/11/25		Х	X	х							
18	FL 60 @ 0-3"	С	1		X				X	8/11/25		Х	X	Х							
	FL 61 @ 0-3"	С	-		X		-		X	8/11/25		Х	Х	Х							
	FL 62 @ 0-3"	С	_		X			_	X	8/11/25		Х	Х	Х							
FASE NOTE: Liability an onlyces. All claims including cylcs. In so event shall Co	d Damages. Cardinal's liability and client's exclusive remedy for any ing those for negligence and any other cause whatscover shall be de ardinal be liable for incidental or consequented damages, including v ing out of or related to the performance of services hereunaler by Ca	without S	raived o	unioss m	based in c ade in wri	ing and plions, is	received ses of use	by Card	tine) within s of profits	30 days after con incurred by client,	plotton of the appl its subsidiaries,	licable									
Relinquished By	Date: 8.13.35	Re	ecei	ved B	y:						Verbal Res		☐ Yes			Phone					
10/11	// // // Time:		\sim								All Neoults	210 01	natiou.	, lease b	pm@et						
Relinquished By	Date:	Re	ecei	ved B	y:	9					REMARKS	i:									
	Time:																				
Delivered By: (C	ircle One) Observed Temp. °C	0.3)-		mple			(ED BY:	Turnaroun			Ständar Rush	d X			y) Sample			
Sampler - UPS -		01.6	4.	1	ool Yes No	1 Y	6		a	inle)	Thermomete	P		rusti			Intact s Ye		erved 1	emp. °C	

Relinquished By:	8.19.32	Received By:		Verbal Result: ☐ Yes ☐ No ☐ Add'I Phone #: All Results are emailed. Please provide Email address: pm@etechenv.com
Relinquished By:		Received By:		REMARKS:
	Observed Temp. °C	Sample Condition Cool Intact Yes Yes No No	CHECKED BY: (Initials)	Turnaround Time: Standard

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

Company Name	: Etech Environmental & Safety Solu	tions,	Inc.					E	ILL TO					ANA	YSIS	REQUEST	Г	-	13
Project Manage	r: Lance Crenshaw						P.O.	#:											T
Address: 261	7 West Marland						Con	npany:	Viewbourne	Oil Compan									
City: Hobbs	State: NM	Zip	p:	8824	0		Attn	:	Connor Wa	alker									
Phone #: (57	5) 264-9884 Fax #:						Add	ress:											
Project #: 227	714 Project Owne	r: Me	odwe	ourne C	Oil Con	npany	City	:					<u>@</u>						
Project Name:	Red Hills West Unit 27						Stat	e:	Zip:		9	(8015M)	BTEX (8021B)						
Project Location							Pho	ne #:			Chloride	801	8						
Sampler Name:	Martin Sepulveda						Fax				Ĕ	=	×						
FOR LAB USE ONLY	I	T	T		MATE	XIX		PRESER	V. SAM	PLING	0	TPH							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	N N	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	DATE	TIME									
21	FL 63 @ 0-3"	С			X			X	8/11/25		Х	Х	х						
22	FL 64 @ 0-3"	C	1		X			X	8/11/25		Х	Х	х						
23	FL 65 @ 0-3"	C	1		X			х	8/11/25		Х	Х	X						
24	FL 66 @ 0-3"	С	1		X			X	8/11/25		Х	Х	X						
25	FL 67 @ 0-3"	C	1		X			X	8/11/25		Х	X	х						
de	FL 68 @ 0-3"	C	1		X			X	8/11/25		Х	Х	х						
27	FL 69 @ 0-3"	С	1		X			X	8/11/25		Х	Х	х						
28	FL 70 @ 0-3"	C	1		X			X	8/11/25		Х	X	X						
29	FL 71 @ 0-3"	C	-		X			X	8/11/25		Х	Х	х						
30	FL 72 @ 0-3"	C	_		X			X	8/11/25		Х	X	X						
alyses. All claims include rylce. In no event shall C	d Damages, Cardinal's liability and client's exclusive remedy for ar ag lines for negligence and any other cause whetevever shall be de ardinal be liable for incidental or consequental damages, including ag out of or related to the performance of services bereunder by C	emed w	raived :	unites med in, business	io in writing interrupti	g and rec ons, loos	aived by of use, o	Cardinal will r loss of pro	hin 30 days after cer lits incurred by client	opistion of the appl , its subsidiaries,	icable								
Relinquished By	Date: 8 12 3 9	Re	ecei	ved By	/:					Verbal Res		☐ Yes			Phone :				
10/11	// _ // / Time;		3							T. T. T. COURTS	210 01	anod.	cusc pi	pm@ete					
Relinguished B	y: Date:	Re	ecei	ved By	1:	20				REMARKS	i:								
	Time:	+																	
Delivered By: (C	Circle One) Observed Temp. °C	- G.	3:	Sai	mple C		on		CKED BY:	Turnaround			Standar Rush	d X		ria (only) Samp Intact Ob	le Condi served T		
Sampler - UPS -	Bus - Other: Corrected Temp. °C	-9	Di	E	Yes [Ye		4	P	Thermomete Correction F	rID #	140			Ye	s 🗌 Yes		emp. °C	

Relinquished By:	Date: 0 12 35 Time: 1500	Received By:		Verbal Result: ☐ Yes ☐ No All Results are emailed. Please provid	Add'I Phone #: de Email address: om@etechenv.com
Relinquished By:	Date:	Received By:		REMARKS:	
	Observed Temp. °C	Sample Condition Cool Intact Yes Yes No No	CHECKED BY: (Initials)	Turnaround Time: Standard Rush Thermometer ID #140 Correction Factor -5:6°C +0 3L	X Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C



101 East Marland, Hobbs, NM 88240 (ETE) 202 2226 EAV (ETE) 202 2476

Company Name		tions,	Inc.					Ł	BILL TO					ANA	LYSIS	REC	UEST			13
Project Manage	r: Lance Crenshaw						P.O.	#:												\Box
Address: 261	7 West Marland						Con	pany:	Viewbourn	e Oil Compan										
City: Hobbs	State: NM	Zip):	88240)		Attn	:	Connor \	Valker										
	5) 264-9884 Fax #:						Add	ress:												
Project #: 227		r: Me	wbo	urne O	il Com	-	-				1		m							
	Red Hills West Unit 27						Stat		Zip:			TPH (8015M)	BTEX (8021B)		1		1 1			
Project Location		-					Pho	ne #:			Chloride	20	80		1					
Sampler Name:	Martin Sepulveda						Fax				풀	- I	×							
FOR LAB USE ONLY	maran separtes	T	П		MATR	X	-	RESER	RV. SA	MPLING	0	<u>a</u>								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	TIME										
31	FL 73 @ 0-3"	С			X			X	8/11/2	5	Х	Х	Х							
32	FL 74 @ 0-3"	С	1		X			X	8/11/2	5	Х	X	х							
	FL 75 @ 0-3"	С	1		X			X	8/11/2	5	Х	X	X							
33	FL 76 @ 0-3"	С	1		X			X	8/11/2	5	Х	X	X							
35	FL 77 @ 0-3"	С	1		X			X	8/11/2	5	Х	X	Х							
34	FL 78 @ 0-3"	С	1		X			X	8/11/2	5	Х	X	X							
	FL 79 @ 0-3"	С	1		X			X	8/11/2	5	Х	Х	X							
38	FL 80 @ 0-3"	С	1		X			X	8/11/2	5	Х	X	X							
38	FL 81 @ 0-3"	С	1		X			X	8/11/2	5	Х	X	X							
	FL 82 @ 0-3"		_		X			X	8/11/2		X	X	X							
PLEASE NOTE: Liability an analyses. All claims include service. In no event shall C		c ny claim a leemed w without it ardinal, re	1 raived u	nies medi n, business ss of wheth	X and in cont in writing interruption	and rec	olved by of use, o	be limited to	8/11/2 the amount paid thin 30 days after tills incurred by cl	by the client for the completion of the appeart, its substitution, ons or otherwise.	X	Х	х							1
Reinquished By	0ate: 8:035		eceiv	ed By	:					Verbal Re All Results		☐ Ye mailed.		rovide Ema	Phone II addre					
11/11	1 Mu Time: 1500	1	16	201	100									pm@et	echeny	.com				
Relinquished B	C Date:	Re	ceiv	red By:						REMARK	S:									
Delivered By: (C		9-3	01	Con	nple Co	act			CKED BY:	Turnarour Thermomet			Standar Rush パタン A		Cool	eria (oni Intact es Ye		Conditierved Te	mp. °C	

Reinquished By:	8.035	Received By:		Verbal Results Ves
Relinquished By:	Date: Time:	Received By:		REMARKS:
	Observed Temp. *C	Sample Condition Goo! imact Yes 7 Yes No No	(Initials)	Turnaround Time: Standard Rush Cool Intact Observed Temp. °C Thermometer ID #140 Correction Factor -0.6°C+0°3 AD No Corrected Temp. °C



101 East Marland, Hobbs, NM 88240 (575) 393-2326 EAY (575) 393-2476

Company Name		& Safety Soluti		nc.						BIL	LL TO					ANAL	YSIS	REQ	UEST		age 5 or	6
Project Manage	r: Lance Crenshaw							P.O.	#:													
Address: 261	7 West Marland							Com	pany	: \	/lewbourne	Oil Compan										
City: Hobbs		State: NM	Zip:	8	8240			Attn			Connor Wa	lker										
Phone #: (57	5) 264-9884	Fax #:						Add	ress:													
Project #: 227	14	Project Owner	: Mev	vbour	ne Oil	Com	pany	City							@							
Project Name:	Red Hills West Unit 27							Stat	e:		Zip:		9	58	21							
Project Location	n: 32.052347, -103.676	651						Pho	ne #:				Chloride	TPH (8015M)	BTEX (8021B)							
Sampler Name:	Martin Sepulveda							Fax	#:				菜	I	×							
FOR LAB USE ONLY					-	MATRI	X	F	RESE	RV.	SAM	PLING	0	TP								
Lab I.D.	Sample I.I	D.	(G)RAB OR (C)OMP	# CONTAINERS	WASTEWATER	SOIL	SLUDGE	OTHER:	ICE / COOL	OTHER:	DATE	TIME										
41	FL 83 @ 0-3"		С	1		X			X		8/11/25		Х	Х	Х							
u)	FL 84 @ 0-3"		С	1		Х			X		8/11/25		X	X	х							
			Ш					1														
			Н	_		_	1	1	1													_
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			Н	+	+	-		+	-						\vdash	-					_	-
			Н	+	+	+	+-	+	+	\vdash		-			-	-	-	-				+
			Н	+	++	+	+-	+	+	\vdash					\vdash		-			-		+
			Н	+	+	-	+	+	-						+	-					-	+
melyses. All claims includir	d Damages, Cardina's liability and client's g these for negligence and any other caus	e whatsoever shall be dec	med wal	ved unler	es made i	n writing i	and rece	ived by	Cardinal	within 3	O days after con	piction of the appli	icable									
	ardinal be liable for incidental or consequence of a		Rec	ordiess o										☐ Yenailed.				ss:				
Relinquished By		Date:	Red	eive	By:	u	10	2				REMARKS	:									
Delivered By: (C		erved Temp. °C			Coo	ple Co	act			ECK!	ED BY:	Turnaround Thermomete			Standar Rush	d X	Cool	Intact	Obs	le Condi served T	tion emp. °C	
Sellibrei - OLS -	Con	rected Temp. °C	9.0	C	H	Yes Z	No		K	A	,	Correction F	ector #	0-0°C	+10.77		1	Yes			emp. °C	

Relinquished By:	Date: 8 10 05 Time: 1500	Received By:		Verbal Result:
Relinquished By:	Date: R	Received By:		REMARKS:
	Observed Temp. °C_Q		CHECKED BY: (Initials)	Turnaround Time: Standard X Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Thermometer ID #140 Correction Factor -8:6°C + 0.8°C



August 19, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS WEST UNIT 27

Enclosed are the results of analyses for samples received by the laboratory on 08/13/25 14:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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.

Celey D. Keine

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



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Sampling Date: 08/12/2025

Reported: 08/19/2025

Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27

Received:

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Number: 22714

Project Location: MEWBOURNE 32.052347-103.676651

08/13/2025

Sample ID: FL 85 @ 0-3" (H255019-01)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.79	89.6	2.00	1.32	
Toluene*	<0.050	0.050	08/14/2025	ND	1.85	92.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.88	94.1	2.00	0.645	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.72	95.4	6.00	0.851	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	08/15/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	198	98.8	200	2.74	
DRO >C10-C28*	14.0	10.0	08/14/2025	ND	176	87.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	100 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	104 9	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 86 @ 0-3" (H255019-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.79	89.6	2.00	1.32	
Toluene*	<0.050	0.050	08/14/2025	ND	1.85	92.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.88	94.1	2.00	0.645	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.72	95.4	6.00	0.851	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	08/15/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	198	98.8	200	2.74	
DRO >C10-C28*	134	10.0	08/14/2025	ND	176	87.9	200	3.13	
EXT DRO >C28-C36	31.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	91.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.9	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 87 @ 0-3" (H255019-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.79	89.6	2.00	1.32	
Toluene*	< 0.050	0.050	08/14/2025	ND	1.85	92.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.88	94.1	2.00	0.645	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.72	95.4	6.00	0.851	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	08/15/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	198	98.8	200	2.74	
DRO >C10-C28*	150	10.0	08/14/2025	ND	176	87.9	200	3.13	
EXT DRO >C28-C36	39.2	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	95.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	95.6	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 88 @ 0-3" (H255019-04)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.79	89.6	2.00	1.32	
Toluene*	<0.050	0.050	08/14/2025	ND	1.85	92.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.88	94.1	2.00	0.645	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.72	95.4	6.00	0.851	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	08/15/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	198	98.8	200	2.74	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	176	87.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	107	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	111 9	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 89 @ 0-3" (H255019-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.79	89.6	2.00	1.32	
Toluene*	<0.050	0.050	08/14/2025	ND	1.85	92.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.88	94.1	2.00	0.645	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.72	95.4	6.00	0.851	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	08/15/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	198	98.8	200	2.74	
DRO >C10-C28*	113	10.0	08/14/2025	ND	176	87.9	200	3.13	
EXT DRO >C28-C36	26.2	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	78.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.2	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 90 @ 0-3" (H255019-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.79	89.6	2.00	1.32	
Toluene*	<0.050	0.050	08/14/2025	ND	1.85	92.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.88	94.1	2.00	0.645	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.72	95.4	6.00	0.851	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2030	16.0	08/15/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	198	98.8	200	2.74	
DRO >C10-C28*	21.5	10.0	08/14/2025	ND	176	87.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	91.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	94.4	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 91 @ 0-3" (H255019-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.79	89.6	2.00	1.32	
Toluene*	<0.050	0.050	08/14/2025	ND	1.85	92.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.88	94.1	2.00	0.645	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.72	95.4	6.00	0.851	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1660	16.0	08/15/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	198	98.8	200	2.74	
DRO >C10-C28*	11.3	10.0	08/14/2025	ND	176	87.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	101 9	6 44.4-14	5						
Surrogate: 1-Chlorooctadecane	108 9	6 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 92 @ 0-3" (H255019-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.79	89.6	2.00	1.32	
Toluene*	<0.050	0.050	08/14/2025	ND	1.85	92.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.88	94.1	2.00	0.645	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.72	95.4	6.00	0.851	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	08/15/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	198	98.8	200	2.74	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	176	87.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	103 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	108 9	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 93 @ 0-3" (H255019-09)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.79	89.6	2.00	1.32	
Toluene*	<0.050	0.050	08/14/2025	ND	1.85	92.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.88	94.1	2.00	0.645	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.72	95.4	6.00	0.851	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	08/15/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	198	98.8	200	2.74	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	176	87.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	103	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	109	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 94 @ 0-3" (H255019-10)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.79	89.6	2.00	1.32	
Toluene*	<0.050	0.050	08/14/2025	ND	1.85	92.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.88	94.1	2.00	0.645	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.72	95.4	6.00	0.851	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	08/15/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	198	98.8	200	2.74	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	176	87.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	94.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.6	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 95 @ 0-3" (H255019-11)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.79	89.6	2.00	1.32	
Toluene*	<0.050	0.050	08/14/2025	ND	1.85	92.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.88	94.1	2.00	0.645	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.72	95.4	6.00	0.851	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4280	16.0	08/15/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	198	98.8	200	2.74	
DRO >C10-C28*	132	10.0	08/14/2025	ND	176	87.9	200	3.13	
EXT DRO >C28-C36	42.9	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 96 @ 0-3" (H255019-12)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.79	89.6	2.00	1.32	
Toluene*	<0.050	0.050	08/14/2025	ND	1.85	92.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.88	94.1	2.00	0.645	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.72	95.4	6.00	0.851	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	08/15/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	198	98.8	200	2.74	
DRO >C10-C28*	186	10.0	08/14/2025	ND	176	87.9	200	3.13	
EXT DRO >C28-C36	60.7	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.8	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 97 @ 0-3" (H255019-13)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.79	89.6	2.00	1.32	
Toluene*	<0.050	0.050	08/14/2025	ND	1.85	92.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.88	94.1	2.00	0.645	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.72	95.4	6.00	0.851	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	08/15/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	198	98.8	200	2.74	
DRO >C10-C28*	15.7	10.0	08/14/2025	ND	176	87.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	97.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101 9	2% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 98 @ 0-3" (H255019-14)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.79	89.6	2.00	1.32	
Toluene*	<0.050	0.050	08/14/2025	ND	1.85	92.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.88	94.1	2.00	0.645	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.72	95.4	6.00	0.851	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	08/15/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	198	98.8	200	2.74	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	176	87.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	97.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 99 @ 0-3" (H255019-15)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.79	89.6	2.00	1.32	
Toluene*	<0.050	0.050	08/14/2025	ND	1.85	92.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.88	94.1	2.00	0.645	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.72	95.4	6.00	0.851	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1660	16.0	08/15/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	203	102	200	0.614	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	198	98.8	200	0.452	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	85.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.1	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 100 @ 0-3" (H255019-16)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.79	89.6	2.00	1.32	
Toluene*	<0.050	0.050	08/14/2025	ND	1.85	92.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.88	94.1	2.00	0.645	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.72	95.4	6.00	0.851	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/15/2025	ND	416	104	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	08/14/2025	ND	203	102	200	0.614	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	198	98.8	200	0.452	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	102	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 101 @ 0-3" (H255019-17)

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	08/14/2025	ND	1.79	89.6	2.00	1.32	
Toluene*	<0.050	0.050	08/14/2025	ND	1.85	92.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.88	94.1	2.00	0.645	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.72	95.4	6.00	0.851	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/15/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	203	102	200	0.614	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	198	98.8	200	0.452	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	102 %	6 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102 %	6 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 22714

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 102 @ 0-3" (H255019-18)

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	08/14/2025	ND	1.79	89.6	2.00	1.32	
Toluene*	<0.050	0.050	08/14/2025	ND	1.85	92.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.88	94.1	2.00	0.645	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.72	95.4	6.00	0.851	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/15/2025	ND	416	104	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	08/14/2025	ND	203	102	200	0.614	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	198	98.8	200	0.452	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	122	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	126	26 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 22714

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 103 @ 0-3" (H255019-19)

BTEX 8021B	mg,	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.79	89.6	2.00	1.32	
Toluene*	<0.050	0.050	08/14/2025	ND	1.85	92.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.88	94.1	2.00	0.645	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.72	95.4	6.00	0.851	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/15/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	203	102	200	0.614	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	198	98.8	200	0.452	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	102	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	103	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 104 @ 0-3" (H255019-20)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.79	89.6	2.00	1.32	
Toluene*	<0.050	0.050	08/14/2025	ND	1.85	92.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.88	94.1	2.00	0.645	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.72	95.4	6.00	0.851	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/14/2025	ND	464	116	400	7.14	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	203	102	200	0.614	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	198	98.8	200	0.452	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	80.5	% 44.4-14.	5						
Surrogate: 1-Chlorooctadecane	80.8	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil Project Name: **RED HILLS WEST UNIT 27** Sampling Condition:

Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 105 @ 0-3" (H255019-21)

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	08/14/2025	ND	1.88	94.0	2.00	2.91	
Toluene*	<0.050	0.050	08/14/2025	ND	1.92	96.1	2.00	2.11	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.90	95.2	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.92	98.7	6.00	1.23	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4200	16.0	08/14/2025	ND	464	116	400	7.14	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	203	102	200	0.614	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	198	98.8	200	0.452	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	98.5	% 44.4-14.	5						
Surrogate: 1-Chlorooctadecane	98.3	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 22714

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 106 @ 0-3" (H255019-22)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.88	94.0	2.00	2.91	
Toluene*	<0.050	0.050	08/14/2025	ND	1.92	96.1	2.00	2.11	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.90	95.2	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.92	98.7	6.00	1.23	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4720	16.0	08/14/2025	ND	464	116	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	203	102	200	0.614	
DRO >C10-C28*	13.4	10.0	08/14/2025	ND	198	98.8	200	0.452	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	129	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	129	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 107 @ 0-3" (H255019-23)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.88	94.0	2.00	2.91	
Toluene*	<0.050	0.050	08/14/2025	ND	1.92	96.1	2.00	2.11	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.90	95.2	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.92	98.7	6.00	1.23	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7120	16.0	08/14/2025	ND	464	116	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	203	102	200	0.614	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	198	98.8	200	0.452	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	112 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	111 9	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 108 @ 0-3" (H255019-24)

RTFY 8021R

			а ву: ЈН					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	08/14/2025	ND	1.88	94.0	2.00	2.91	
<0.050	0.050	08/14/2025	ND	1.92	96.1	2.00	2.11	
<0.050	0.050	08/14/2025	ND	1.90	95.2	2.00	1.19	
<0.150	0.150	08/14/2025	ND	5.92	98.7	6.00	1.23	
<0.300	0.300	08/14/2025	ND					
105	% 71.5-13	4						
mg/kg		Analyzed By: HM						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
2960	16.0	08/14/2025	ND	464	116	400	7.14	
mg	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	08/14/2025	ND	203	102	200	0.614	
<10.0	10.0	08/14/2025	ND	198	98.8	200	0.452	
<10.0	10.0	08/14/2025	ND					
111	% 44.4-14	5						
	Result 2960 mg, Result < 10.0 < 10.0	mg/kg Result Reporting Limit 2960 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0	mg/kg Analyzed Result Reporting Limit Analyzed 2960 16.0 08/14/2025 mg/kg Analyzed Result Reporting Limit Analyzed <10.0	mg/kg Analyzed By: HM Result Reporting Limit Analyzed Method Blank 2960 16.0 08/14/2025 ND mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank <10.0	mg/kg Analyzed By: HM Result Reporting Limit Analyzed Method Blank BS 2960 16.0 08/14/2025 ND 464 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0	mg/kg Analyzed By: HM Result Reporting Limit Analyzed Method Blank BS % Recovery 2960 16.0 08/14/2025 ND 464 116 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	mg/kg Analyzed By: HM Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 2960 16.0 08/14/2025 ND 464 116 400 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0	mg/kg Analyzed By: HM Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 2960 16.0 08/14/2025 ND 464 116 400 7.14 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <10.0

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 109 @ 0-3" (H255019-25)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.88	94.0	2.00	2.91	
Toluene*	<0.050	0.050	08/14/2025	ND	1.92	96.1	2.00	2.11	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.90	95.2	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.92	98.7	6.00	1.23	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	08/14/2025	ND	464	116	400	7.14	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	203	102	200	0.614	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	198	98.8	200	0.452	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	98.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	108 9	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 110 @ 0-3" (H255019-26)

RTFY 8021R

B1EX 8021B	mg,	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.88	94.0	2.00	2.91	
Toluene*	<0.050	0.050	08/14/2025	ND	1.92	96.1	2.00	2.11	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.90	95.2	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.92	98.7	6.00	1.23	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	08/14/2025	ND	464	116	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	203	102	200	0.614	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	198	98.8	200	0.452	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	102	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102	% 40.6-15.	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 111 @ 0-3" (H255019-27)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.88	94.0	2.00	2.91	
Toluene*	<0.050	0.050	08/14/2025	ND	1.92	96.1	2.00	2.11	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.90	95.2	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.92	98.7	6.00	1.23	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	08/14/2025	ND	464	116	400	7.14	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	203	102	200	0.614	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	198	98.8	200	0.452	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	92.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	91.4	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 112 @ 0-3" (H255019-28)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.88	94.0	2.00	2.91	
Toluene*	<0.050	0.050	08/14/2025	ND	1.92	96.1	2.00	2.11	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.90	95.2	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.92	98.7	6.00	1.23	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	08/14/2025	ND	464	116	400	7.14	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	203	102	200	0.614	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	198	98.8	200	0.452	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	94.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	93.9	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 22714

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 113 @ 0-3" (H255019-29)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.88	94.0	2.00	2.91	
Toluene*	<0.050	0.050	08/14/2025	ND	1.92	96.1	2.00	2.11	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.90	95.2	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.92	98.7	6.00	1.23	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	08/14/2025	ND	464	116	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	203	102	200	0.614	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	198	98.8	200	0.452	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	107	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	108	26 40.6-15	3						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 114 @ 0-3" (H255019-30)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.88	94.0	2.00	2.91	
Toluene*	<0.050	0.050	08/14/2025	ND	1.92	96.1	2.00	2.11	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.90	95.2	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.92	98.7	6.00	1.23	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	08/14/2025	ND	464	116	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	203	102	200	0.614	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	198	98.8	200	0.452	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	115	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	114	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: Sample Received By: 22714 Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 115 @ 0-3" (H255019-31)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.88	94.0	2.00	2.91	
Toluene*	<0.050	0.050	08/14/2025	ND	1.92	96.1	2.00	2.11	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.90	95.2	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.92	98.7	6.00	1.23	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	08/14/2025	ND	464	116	400	7.14	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	203	102	200	0.614	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	198	98.8	200	0.452	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	107 5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	106	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 116 @ 0-3" (H255019-32)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.88	94.0	2.00	2.91	
Toluene*	<0.050	0.050	08/14/2025	ND	1.92	96.1	2.00	2.11	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.90	95.2	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.92	98.7	6.00	1.23	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4080	16.0	08/14/2025	ND	464	116	400	7.14	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	203	102	200	0.614	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	198	98.8	200	0.452	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	115	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	116	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 117 @ 0-3" (H255019-33)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.88	94.0	2.00	2.91	
Toluene*	<0.050	0.050	08/14/2025	ND	1.92	96.1	2.00	2.11	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.90	95.2	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.92	98.7	6.00	1.23	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	08/14/2025	ND	464	116	400	7.14	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	203	102	200	0.614	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	198	98.8	200	0.452	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	117	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	117	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 118 @ 0-3" (H255019-34)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.88	94.0	2.00	2.91	
Toluene*	<0.050	0.050	08/14/2025	ND	1.92	96.1	2.00	2.11	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.90	95.2	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.92	98.7	6.00	1.23	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9360	16.0	08/14/2025	ND	464	116	400	7.14	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	203	102	200	0.614	
DRO >C10-C28*	49.6	10.0	08/15/2025	ND	198	98.8	200	0.452	
EXT DRO >C28-C36	12.7	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	108 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	111 9	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 119 @ 0-3" (H255019-35)

BTEX 8021B

DIEX GOZID	mg/	- Kg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.88	94.0	2.00	2.91	
Toluene*	<0.050	0.050	08/14/2025	ND	1.92	96.1	2.00	2.11	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.90	95.2	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.92	98.7	6.00	1.23	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	08/14/2025	ND	464	116	400	7.14	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	207	103	200	1.79	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	185	92.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	104	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 120 @ 0-3" (H255019-36)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.88	94.0	2.00	2.91	
Toluene*	<0.050	0.050	08/14/2025	ND	1.92	96.1	2.00	2.11	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.90	95.2	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.92	98.7	6.00	1.23	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3520	16.0	08/14/2025	ND	464	116	400	7.14	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	207	103	200	1.79	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	185	92.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	112 %	6 44.4-14	5						
Surrogate: 1-Chlorooctadecane	109 9	40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 121 @ 0-3" (H255019-37)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.88	94.0	2.00	2.91	
Toluene*	<0.050	0.050	08/14/2025	ND	1.92	96.1	2.00	2.11	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.90	95.2	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.92	98.7	6.00	1.23	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	08/14/2025	ND	464	116	400	7.14	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	207	103	200	1.79	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	185	92.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	100	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	104	% 40.6-15	3						

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Celeg D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 122 @ 0-3" (H255019-38)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.88	94.0	2.00	2.91	
Toluene*	<0.050	0.050	08/14/2025	ND	1.92	96.1	2.00	2.11	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.90	95.2	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.92	98.7	6.00	1.23	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	08/14/2025	ND	464	116	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	207	103	200	1.79	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	185	92.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	116	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	113	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 22714

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 123 @ 0-3" (H255019-39)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.88	94.0	2.00	2.91	
Toluene*	<0.050	0.050	08/14/2025	ND	1.92	96.1	2.00	2.11	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.90	95.2	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.92	98.7	6.00	1.23	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	08/14/2025	ND	464	116	400	7.14	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/14/2025	ND	207	103	200	1.79	
DRO >C10-C28*	<10.0	10.0	08/14/2025	ND	185	92.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/14/2025	ND					
Surrogate: 1-Chlorooctane	110 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	106	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: Sample Received By: 22714 Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 124 @ 0-3" (H255019-40)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.88	94.0	2.00	2.91	
Toluene*	<0.050	0.050	08/14/2025	ND	1.92	96.1	2.00	2.11	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	1.90	95.2	2.00	1.19	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	5.92	98.7	6.00	1.23	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1970	16.0	08/15/2025	ND	432	108	400	0.00	QR-03
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	207	103	200	1.79	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	185	92.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	116 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	112 9	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: Sample Received By: 22714 Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 125 @ 0-3" (H255019-41)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.94	96.8	2.00	1.06	
Toluene*	<0.050	0.050	08/14/2025	ND	2.06	103	2.00	2.91	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	2.12	106	2.00	3.02	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	6.72	112	6.00	2.87	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2030	16.0	08/15/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	207	103	200	1.79	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	185	92.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	115 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	112 9	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: Sample Received By: 22714 Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 126 @ 0-3" (H255019-42)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.94	96.8	2.00	1.06	
Toluene*	<0.050	0.050	08/14/2025	ND	2.06	103	2.00	2.91	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	2.12	106	2.00	3.02	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	6.72	112	6.00	2.87	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	08/15/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	207	103	200	1.79	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	185	92.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	111 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	113 9	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 127 @ 0-3" (H255019-43)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.94	96.8	2.00	1.06	
Toluene*	<0.050	0.050	08/14/2025	ND	2.06	103	2.00	2.91	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	2.12	106	2.00	3.02	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	6.72	112	6.00	2.87	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1580	16.0	08/15/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	207	103	200	1.79	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	185	92.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	107	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	108	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 128 @ 0-3" (H255019-44)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.94	96.8	2.00	1.06	
Toluene*	<0.050	0.050	08/14/2025	ND	2.06	103	2.00	2.91	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	2.12	106	2.00	3.02	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	6.72	112	6.00	2.87	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3760	16.0	08/15/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	207	103	200	1.79	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	185	92.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	117 5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	113 9	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 129 @ 0-3" (H255019-45)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.94	96.8	2.00	1.06	
Toluene*	<0.050	0.050	08/14/2025	ND	2.06	103	2.00	2.91	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	2.12	106	2.00	3.02	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	6.72	112	6.00	2.87	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	08/15/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	207	103	200	1.79	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	185	92.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	93.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.2	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 130 @ 0-3" (H255019-46)

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	08/14/2025	ND	1.94	96.8	2.00	1.06	
Toluene*	<0.050	0.050	08/14/2025	ND	2.06	103	2.00	2.91	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	2.12	106	2.00	3.02	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	6.72	112	6.00	2.87	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10100	16.0	08/15/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	207	103	200	1.79	
DRO >C10-C28*	65.8	10.0	08/15/2025	ND	185	92.5	200	3.19	
EXT DRO >C28-C36	15.3	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	104 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	105 9	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 22714

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 131 @ 0-3" (H255019-47)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.94	96.8	2.00	1.06	
Toluene*	<0.050	0.050	08/14/2025	ND	2.06	103	2.00	2.91	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	2.12	106	2.00	3.02	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	6.72	112	6.00	2.87	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	08/15/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	207	103	200	1.79	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	185	92.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	106	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	103	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 132 @ 0-3" (H255019-48)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.94	96.8	2.00	1.06	
Toluene*	<0.050	0.050	08/14/2025	ND	2.06	103	2.00	2.91	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	2.12	106	2.00	3.02	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	6.72	112	6.00	2.87	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1730	16.0	08/15/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	207	103	200	1.79	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	185	92.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	115	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	110	% 40.6-15	3						

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08/12/2025

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/13/2025 Sampling Date:

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 133 @ 0-3" (H255019-49)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.94	96.8	2.00	1.06	
Toluene*	<0.050	0.050	08/14/2025	ND	2.06	103	2.00	2.91	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	2.12	106	2.00	3.02	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	6.72	112	6.00	2.87	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5920	16.0	08/15/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	207	103	200	1.79	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	185	92.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	89.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.4	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 134 @ 0-3" (H255019-50)

BTEX 8021B

DIEX GOZID	11197	<u>ng</u>	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.94	96.8	2.00	1.06	
Toluene*	<0.050	0.050	08/14/2025	ND	2.06	103	2.00	2.91	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	2.12	106	2.00	3.02	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	6.72	112	6.00	2.87	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6480	16.0	08/15/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	207	103	200	1.79	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	185	92.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	117 %	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	114 %	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 22714

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 135 @ 0-3" (H255019-51)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.94	96.8	2.00	1.06	
Toluene*	<0.050	0.050	08/14/2025	ND	2.06	103	2.00	2.91	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	2.12	106	2.00	3.02	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	6.72	112	6.00	2.87	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2190	16.0	08/15/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	207	103	200	1.79	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	185	92.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	120	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	116	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 136 @ 0-3" (H255019-52)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.94	96.8	2.00	1.06	
Toluene*	<0.050	0.050	08/14/2025	ND	2.06	103	2.00	2.91	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	2.12	106	2.00	3.02	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	6.72	112	6.00	2.87	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	08/15/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	207	103	200	1.79	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	185	92.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	117	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	113	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 22714

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 137 @ 0-3" (H255019-53)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.94	96.8	2.00	1.06	
Toluene*	<0.050	0.050	08/14/2025	ND	2.06	103	2.00	2.91	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	2.12	106	2.00	3.02	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	6.72	112	6.00	2.87	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1730	16.0	08/15/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	207	103	200	1.79	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	185	92.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	120 5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	116 9	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 138 @ 0-3" (H255019-54)

RTFY 8021R

B1EX 8021B	mg/	кg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.94	96.8	2.00	1.06	
Toluene*	<0.050	0.050	08/14/2025	ND	2.06	103	2.00	2.91	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	2.12	106	2.00	3.02	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	6.72	112	6.00	2.87	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6480	16.0	08/15/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	207	103	200	1.79	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	185	92.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	114 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	110 9	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 139 @ 0-3" (H255019-55)

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	08/14/2025	ND	1.94	96.8	2.00	1.06	
Toluene*	<0.050	0.050	08/14/2025	ND	2.06	103	2.00	2.91	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	2.12	106	2.00	3.02	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	6.72	112	6.00	2.87	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	08/15/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	206	103	200	1.87	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	75.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	70.4	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 140 @ 0-3" (H255019-56)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.94	96.8	2.00	1.06	
Toluene*	<0.050	0.050	08/14/2025	ND	2.06	103	2.00	2.91	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	2.12	106	2.00	3.02	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	6.72	112	6.00	2.87	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	08/15/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	206	103	200	1.87	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	81.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	74.7	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 141 @ 0-3" (H255019-57)

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	08/14/2025	ND	1.94	96.8	2.00	1.06	
Toluene*	<0.050	0.050	08/14/2025	ND	2.06	103	2.00	2.91	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	2.12	106	2.00	3.02	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	6.72	112	6.00	2.87	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	08/15/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	206	103	200	1.87	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	79.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.4	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 142 @ 0-3" (H255019-58)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.94	96.8	2.00	1.06	
Toluene*	<0.050	0.050	08/14/2025	ND	2.06	103	2.00	2.91	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	2.12	106	2.00	3.02	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	6.72	112	6.00	2.87	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4040	16.0	08/15/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	206	103	200	1.87	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	83.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.0	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 22714

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 143 @ 0-3" (H255019-59)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.94	96.8	2.00	1.06	
Toluene*	<0.050	0.050	08/14/2025	ND	2.06	103	2.00	2.91	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	2.12	106	2.00	3.02	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	6.72	112	6.00	2.87	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	08/15/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	206	103	200	1.87	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	87.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.3	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Applyzod By: 14

Received: 08/13/2025 08/19/2025

Project Name: **RED HILLS WEST UNIT 27**

Project Number: 22714

Project Location: MEWBOURNE 32.052347-103.676651 Sampling Date: 08/12/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: FL 144 @ 0-3" (H255019-60)

Reported:

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.94	96.8	2.00	1.06	
Toluene*	<0.050	0.050	08/14/2025	ND	2.06	103	2.00	2.91	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	2.12	106	2.00	3.02	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	6.72	112	6.00	2.87	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	08/14/2025	ND	416	104	400	3.77	QM-07
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	206	103	200	1.87	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	86.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.7	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 145 @ 0-3" (H255019-61)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2025	ND	1.95	97.7	2.00	15.4	
Toluene*	<0.050	0.050	08/14/2025	ND	2.05	102	2.00	13.9	
Ethylbenzene*	<0.050	0.050	08/14/2025	ND	2.06	103	2.00	13.0	
Total Xylenes*	<0.150	0.150	08/14/2025	ND	6.36	106	6.00	13.2	
Total BTEX	<0.300	0.300	08/14/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	08/14/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	206	103	200	1.87	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	91.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.8	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 146 @ 0-3" (H255019-62)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.95	97.7	2.00	15.4	
Toluene*	<0.050	0.050	08/15/2025	ND	2.05	102	2.00	13.9	
Ethylbenzene*	<0.050	0.050	08/15/2025	ND	2.06	103	2.00	13.0	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	6.36	106	6.00	13.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	08/14/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	206	103	200	1.87	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	85.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.9	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 147 @ 0-3" (H255019-63)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.95	97.7	2.00	15.4	
Toluene*	<0.050	0.050	08/15/2025	ND	2.05	102	2.00	13.9	
Ethylbenzene*	<0.050	0.050	08/15/2025	ND	2.06	103	2.00	13.0	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	6.36	106	6.00	13.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1790	16.0	08/14/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	206	103	200	1.87	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	79.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.3	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 148 @ 0-3" (H255019-64)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.95	97.7	2.00	15.4	
Toluene*	<0.050	0.050	08/15/2025	ND	2.05	102	2.00	13.9	
Ethylbenzene*	<0.050	0.050	08/15/2025	ND	2.06	103	2.00	13.0	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	6.36	106	6.00	13.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	08/14/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	206	103	200	1.87	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	79.5	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	74.5	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 149 @ 0-3" (H255019-65)

RTFY 8021R

BIEX 8021B	mg	^и кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.95	97.7	2.00	15.4	
Toluene*	<0.050	0.050	08/15/2025	ND	2.05	102	2.00	13.9	
Ethylbenzene*	<0.050	0.050	08/15/2025	ND	2.06	103	2.00	13.0	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	6.36	106	6.00	13.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	08/14/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	206	103	200	1.87	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	82.3	% 44.4-14.	5						
Surrogate: 1-Chlorooctadecane	77.4	% 40.6-15.	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 150 @ 0-3" (H255019-66)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.95	97.7	2.00	15.4	
Toluene*	<0.050	0.050	08/15/2025	ND	2.05	102	2.00	13.9	
Ethylbenzene*	<0.050	0.050	08/15/2025	ND	2.06	103	2.00	13.0	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	6.36	106	6.00	13.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	08/14/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	206	103	200	1.87	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	83.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.9	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: FL 151 @ 0-3" (H255019-67)

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	08/15/2025	ND	1.95	97.7	2.00	15.4	
Toluene*	<0.050	0.050	08/15/2025	ND	2.05	102	2.00	13.9	
Ethylbenzene*	<0.050	0.050	08/15/2025	ND	2.06	103	2.00	13.0	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	6.36	106	6.00	13.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	08/14/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	206	103	200	1.87	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	86.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.5	% 40.6-15	3						

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Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/13/2025 Reported: 08/19/2025

Project Name: RED HILLS WEST UNIT 27

Project Number: 22714

Project Location: MEWBOURNE 32.052347-103.676651

Sampling Date: 08/12/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: NW 1 (H255019-68)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.95	97.7	2.00	15.4	
Toluene*	<0.050	0.050	08/15/2025	ND	2.05	102	2.00	13.9	
Ethylbenzene*	< 0.050	0.050	08/15/2025	ND	2.06	103	2.00	13.0	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	6.36	106	6.00	13.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/14/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	206	103	200	1.87	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	81.9	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	75.2	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: NW 2 (H255019-69)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.95	97.7	2.00	15.4	
Toluene*	<0.050	0.050	08/15/2025	ND	2.05	102	2.00	13.9	
Ethylbenzene*	<0.050	0.050	08/15/2025	ND	2.06	103	2.00	13.0	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	6.36	106	6.00	13.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/14/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	206	103	200	1.87	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	78.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.7	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Analyzed By: 14

Received: 08/13/2025 Reported: 08/19/2025 Sampling Date: 08/12/2025

Project Name: RED HILLS WEST UNIT 27

Sampling Type: Soil

Project Number: 22714

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

ma/ka

Sample ID: NW 3 (H255019-70)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.95	97.7	2.00	15.4	
Toluene*	<0.050	0.050	08/15/2025	ND	2.05	102	2.00	13.9	
Ethylbenzene*	<0.050	0.050	08/15/2025	ND	2.06	103	2.00	13.0	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	6.36	106	6.00	13.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13-	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/14/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	206	103	200	1.87	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	82.2	% 44.4-14.	5						
Surrogate: 1-Chlorooctadecane	76.1	% 40.6-15.	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/13/2025 08/19/2025 Sampling Date: 08/12/2025

Reported: Project Name: **RED HILLS WEST UNIT 27** Sampling Type: Soil Sampling Condition:

Project Number: 22714

Cool & Intact Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: NW 4 (H255019-71)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.95	97.7	2.00	15.4	
Toluene*	<0.050	0.050	08/15/2025	ND	2.05	102	2.00	13.9	
Ethylbenzene*	<0.050	0.050	08/15/2025	ND	2.06	103	2.00	13.0	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	6.36	106	6.00	13.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/14/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	206	103	200	1.87	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	77.3	% 44.4-14.	5						
Surrogate: 1-Chlorooctadecane	73.2	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

mg/kg

Sample ID: EW 1 (H255019-72)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.95	97.7	2.00	15.4	
Toluene*	<0.050	0.050	08/15/2025	ND	2.05	102	2.00	13.9	
Ethylbenzene*	<0.050	0.050	08/15/2025	ND	2.06	103	2.00	13.0	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	6.36	106	6.00	13.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/14/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	206	103	200	1.87	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	78.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	72.5	% 40.6-15.	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

mg/kg

Sample ID: EW 2 (H255019-73)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.95	97.7	2.00	15.4	
Toluene*	<0.050	0.050	08/15/2025	ND	2.05	102	2.00	13.9	
Ethylbenzene*	<0.050	0.050	08/15/2025	ND	2.06	103	2.00	13.0	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	6.36	106	6.00	13.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/14/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	206	103	200	1.87	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	88.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.8	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

mg/kg

Sample ID: EW 3 (H255019-74)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.95	97.7	2.00	15.4	
Toluene*	<0.050	0.050	08/15/2025	ND	2.05	102	2.00	13.9	
Ethylbenzene*	<0.050	0.050	08/15/2025	ND	2.06	103	2.00	13.0	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	6.36	106	6.00	13.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/14/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	206	103	200	1.87	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	79.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	74.7	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: EW 4 (H255019-75)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.95	97.7	2.00	15.4	
Toluene*	<0.050	0.050	08/15/2025	ND	2.05	102	2.00	13.9	
Ethylbenzene*	<0.050	0.050	08/15/2025	ND	2.06	103	2.00	13.0	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	6.36	106	6.00	13.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/14/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	202	101	200	8.72	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	187	93.3	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	73.1	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	74.2	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: EW 5 (H255019-76)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.95	97.7	2.00	15.4	
Toluene*	<0.050	0.050	08/15/2025	ND	2.05	102	2.00	13.9	
Ethylbenzene*	< 0.050	0.050	08/15/2025	ND	2.06	103	2.00	13.0	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	6.36	106	6.00	13.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/14/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	202	101	200	8.72	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	187	93.3	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	68.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	71.5	% 40.6-15	3						

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Celeg D. Freene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

mg/kg

Sample ID: SW 1 (H255019-77)

BTEX 8021B

DIEX GOZID	ıııg,	K9	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.95	97.7	2.00	15.4	
Toluene*	<0.050	0.050	08/15/2025	ND	2.05	102	2.00	13.9	
Ethylbenzene*	<0.050	0.050	08/15/2025	ND	2.06	103	2.00	13.0	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	6.36	106	6.00	13.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/14/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	202	101	200	8.72	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	187	93.3	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	69.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	69.6	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE 32.052347-103.676651

mg/kg

Sample ID: SW 2 (H255019-78)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.95	97.7	2.00	15.4	
Toluene*	<0.050	0.050	08/15/2025	ND	2.05	102	2.00	13.9	
Ethylbenzene*	<0.050	0.050	08/15/2025	ND	2.06	103	2.00	13.0	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	6.36	106	6.00	13.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/14/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	202	101	200	8.72	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	187	93.3	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	64.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	66.7	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Analyzed By: JH

Received: 08/13/2025 Reported: 08/19/2025 Sampling Date: 08/12/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Number: 22714

Project Location: MEWBOURNE 32.052347-103.676651

mg/kg

Sample ID: SW 3 (H255019-79)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.95	97.7	2.00	15.4	
Toluene*	<0.050	0.050	08/15/2025	ND	2.05	102	2.00	13.9	
Ethylbenzene*	<0.050	0.050	08/15/2025	ND	2.06	103	2.00	13.0	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	6.36	106	6.00	13.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/14/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	202	101	200	8.72	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	187	93.3	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	69.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	70.5	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MEWBOURNE 32.052347-103.676651

ma/ka

Sample ID: SW 4 (H255019-80)

RTFY 8021R

Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD	BIEX 8021B	mg,	/ kg	Anaiyze	a By: JH					
Toluene* <0.050	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* <0.050 0.050 08/15/2025 ND 2.06 103 2.00 13.0 Total Xylenes* <0.150 0.150 08/15/2025 ND 6.36 106 6.00 13.2 Total BTEX <0.300 0.300 08/15/2025 ND Surrogate: 4-Bromofluorobenzene (PID 115 % 71.5-134 Chloride, SM4500Cl-B mg/ky Analyzed By: KH Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride <16.0 16.0 08/18/2025 ND 416 104 400 0.00 TPH 8015M mg/ky Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 08/15/2025 ND 416 104 200 8.72 DRO >C10-C28* <10.0 10.0 08/15/2025 ND 202 101 200 8.72 DRO >C10-C28* <10.0 10.0 08/15/2025 ND 187 93.3 200 3.68 EXT DRO >C28-C36 <10.0 10.0 08/15/2025 ND 187 93.3 200 3.68	Benzene*	<0.050	0.050	08/15/2025	ND	1.95	97.7	2.00	15.4	
Total Xylenes* <0.150 0.150 0.8/15/2025 ND 6.36 106 6.00 13.2 Total BTEX <0.300	Toluene*	< 0.050	0.050	08/15/2025	ND	2.05	102	2.00	13.9	
Total BTEX <0.300 0.300 08/15/2025 ND Surrogate: 4-Bromofluorobenzene (PID 115 % 71.5-134 Chloride, SM4500Cl-B mg/ky Analyzed By: KH Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride <16.0 16.0 08/18/2025 ND 416 104 400 0.00 TPH 8015M mg/ky Analyzed By: MS Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 08/15/2025 ND 202 101 200 8.72 DRO >C10-C28* <10.0 10.0 08/15/2025 ND 187 93.3 200 3.68 EXT DRO >C28-C36 <10.0 10.0 08/15/2025 ND 187 93.3 200 3.68 <td>Ethylbenzene*</td> <td><0.050</td> <td>0.050</td> <td>08/15/2025</td> <td>ND</td> <td>2.06</td> <td>103</td> <td>2.00</td> <td>13.0</td> <td></td>	Ethylbenzene*	<0.050	0.050	08/15/2025	ND	2.06	103	2.00	13.0	
Surrogate: 4-Bromofluorobenzene (PID 115 % 71.5-134 Chloride, SM4500Cl-B mg/ky Analyzed By: KH Analyte Result Reporting Limit Analyzed Nethod Blank BS Recovery BS Recovery True Value QC RPD Chloride <16.0 16.0 08/18/2025 ND 416 104 400 0.00	Total Xylenes*	<0.150	0.150	08/15/2025	ND	6.36	106	6.00	13.2	
Chloride, SM4500Cl-B mg/kg Analyzed By: KH Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride <16.0 16.0 08/18/2025 ND 416 104 400 0.00	Total BTEX	<0.300	0.300	08/15/2025	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride <16.0 16.0 08/18/2025 ND 416 104 400 0.00 TPH 8015M	Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride <16.0 16.0 08/18/2025 ND 416 104 400 0.00 TPH 8015M mg/kg Analyzed By: MS MS Recovery True Value QC RPD Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Chloride, SM4500CI-B	mg	/kg	Analyze	d By: KH					
TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Chloride	<16.0	16.0	08/18/2025	ND	416	104	400	0.00	
GRO C6-C10* <10.0 10.0 08/15/2025 ND 202 101 200 8.72 DRO >C10-C28* <10.0 10.0 08/15/2025 ND 187 93.3 200 3.68 EXT DRO >C28-C36 <10.0 10.0 08/15/2025 ND Surrogate: 1-Chlorooctane 68.6 % 44.4-145	TPH 8015M	mg	/kg	Analyze	d By: MS					
DRO >C10-C28* < 10.0 10.0 08/15/2025 ND 187 93.3 200 3.68 EXT DRO >C28-C36 <10.0 10.0 08/15/2025 ND Surrogate: 1-Chlorooctane 68.6 % 44.4-145	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36 <10.0 10.0 08/15/2025 ND Surrogate: 1-Chlorooctane 68.6 % 44.4-145	GRO C6-C10*	<10.0	10.0	08/15/2025	ND	202	101	200	8.72	
Surrogate: 1-Chlorooctane 68.6 % 44.4-145	DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	187	93.3	200	3.68	
	EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctadecane 69.8 % 40.6-153	Surrogate: 1-Chlorooctane	68.6	% 44.4-14	5						
	Surrogate: 1-Chlorooctadecane	69.8	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 22714 Sample Received By:

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: WW 1 (H255019-81)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.94	97.1	2.00	14.0	
Toluene*	<0.050	0.050	08/15/2025	ND	2.12	106	2.00	15.7	
Ethylbenzene*	<0.050	0.050	08/15/2025	ND	2.21	111	2.00	14.8	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	7.09	118	6.00	14.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/18/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	202	101	200	8.72	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	187	93.3	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	69.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	69.3	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: WW 2 (H255019-82)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.94	97.1	2.00	14.0	
Toluene*	<0.050	0.050	08/15/2025	ND	2.12	106	2.00	15.7	
Ethylbenzene*	<0.050	0.050	08/15/2025	ND	2.21	111	2.00	14.8	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	7.09	118	6.00	14.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/18/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	202	101	200	8.72	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	187	93.3	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	67.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	68.4	% 40.6-15	3						

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Celeg D. Kreene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MEWBOURNE 32.052347-103.676651

ma/ka

Sample ID: WW 3 (H255019-83)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.94	97.1	2.00	14.0	
Toluene*	<0.050	0.050	08/15/2025	ND	2.12	106	2.00	15.7	
Ethylbenzene*	<0.050	0.050	08/15/2025	ND	2.21	111	2.00	14.8	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	7.09	118	6.00	14.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/18/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	202	101	200	8.72	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	187	93.3	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	67.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	66.6	% 40.6-15	3						

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Celey D. Keine



08/12/2025

Tamara Oldaker

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/13/2025 Reported: 08/19/2025

08/19/2025 Sampling Type: Soil
RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By:

Project Name: RED H
Project Number: 22714

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: WW 4 (H255019-84)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.94	97.1	2.00	14.0	
Toluene*	<0.050	0.050	08/15/2025	ND	2.12	106	2.00	15.7	
Ethylbenzene*	< 0.050	0.050	08/15/2025	ND	2.21	111	2.00	14.8	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	7.09	118	6.00	14.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/18/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	202	101	200	8.72	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	187	93.3	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	63.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	62.6	% 40.6-15	3						

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Celeg D. Freene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/13/2025 Sampling Date: 08/12/2025

Reported: 08/19/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.052347-103.676651

Sample ID: WW 5 (H255019-85)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2025	ND	1.94	97.1	2.00	14.0	
Toluene*	<0.050	0.050	08/15/2025	ND	2.12	106	2.00	15.7	
Ethylbenzene*	<0.050	0.050	08/15/2025	ND	2.21	111	2.00	14.8	
Total Xylenes*	<0.150	0.150	08/15/2025	ND	7.09	118	6.00	14.2	
Total BTEX	<0.300	0.300	08/15/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/18/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2025	ND	202	101	200	8.72	
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	187	93.3	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND					
Surrogate: 1-Chlorooctane	67.7	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	67.8	% 40.6-15	3						

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Celeg D. Kreene



Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

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

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Celeg D. Keene

(ETE) 202 2226 EAV (ETE) 202 2476

Company Name	: Etech Environmental & Safety Solu	tions,	Inc.					77077	BI	LL TO					ANA	LYSIS	REC	QUEST		age 1	Pa
Project Manage	r: Lance Crenshaw						P.O	. #:													\neg
Address: 261	7 West Marland						Cor	npan	y:	Viewbourne	Oil Compan										
City: Hobbs	State: NM	Zip	:	88240			Attı	1:		Connor Wa											
Phone #: (57	5) 264-9884 Fax #:						Add	iress	:												
Project #: 227	14 Project Owne	r: Me	wbo	urne Oil	Com	pany							_	€							
-	Red Hills West Unit 27						Sta			Zip:		9	TPH (8015M)	BTEX (8021B)							
Project Location								one #				Chloride	07	80							
Sampler Name:	Martin Sepulveda						Fax					풀	<u>=</u>	×							
FOR LAB USE ONLY		T	Г		WATR	X		PRES	ERV.	SAM	PLING	O	<u>ē</u>	2							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME										
	FL 85 @ 0-3"	С	1		X)		8/12/25		Х	Х	Х							
2	FL 86 @ 0-3"	С	1		X)		8/12/25		Х	Х	Х							
3	FL 87 @ 0-3"	С	1		X)		8/12/25		Х	Х	Х							
4	FL 88 @ 0-3"	С	1		X)		8/12/25		Х	Х	X							
5	FL 89 @ 0-3"	С	1		X)		8/12/25		Х	Х	X							
6	FL 90 @ 0-3"	С	1		X			>		8/12/25		Х	Х	X							
7	FL 91 @ 0-3"	С	1		X			>		8/12/25		Х	Х	X							
	FL 92 @ 0-3"	C	1		X)		8/12/25		Х	Х	х							
9	FL 93 @ 0-3"	C	1		X)		8/12/25		Х	Х	х							
10	FL 94 @ 0-3"	C	1		X)		8/12/25		Х	X	X							
PLEASE NOTE: Liability an unalyses. All claims includin nervice. In no event shall Cu ffiliates or successors arisin	FL 93 @ 0-3 th FL 94 @ 0-3 th d Damages, Cardinal's liability and client's exclusive remedy for ar g those for negligence and any other cause whatsoever shall be da- redinal be liable for incidental or consequental damages, including g out of or related to the performance of services hereunder by C.	C C cy claim ar semed wa without lim	1 1 nived unitation	whether base ruless made i n, business in ss of whether	X X d in cont in writing	and rec as, loss	eived b of use,) I be limit y Cardino or loss o	ed to the	8/12/25 8/12/25 amount paid by 1 30 days after continuored by client,	pletion of the appl its subsidiaries, or otherwise.	X X icable	X	X							
Relinquished By	L Mu 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-		red By:	ata	14		do	t	ge	Verbal Res All Results REMARKS	are en	☐ Yes				SS:				
Delivered By: (C		-011		Coo	ple Co Int Yes [act		CI		(ED BY: ials)	Turnaround Thermomete Correction F			Standar Rush		Cool Ye	ria (onl Intact s Ye	18	e Condit	emp. °C	

Relinquished By:	Date: 813-25 Re	Samara Aldotter	Verbal Result:
Relinquished By:		eceived By:	REMARKS:
	orrected Temp. °C 6.	Cool Intact (Initials)	Turnaround Time: Standard X Rush Cool Intact Observed Temp. °C Thermometer ID #140 Correction Factor 5.6°C + 5.5°C No Corrected Temp. °C



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

Released to Imaging: 11/7/2025 3:00:34 PM

Company Name	: Etech Environmental & Safety So	utions,	Inc.				П			BI	LL TO					ANA	LYSIS	RE	QUES	Γ	à
Project Manage	r: Lance Crenshaw						1	.0.	#:												
Address: 26	17 West Marland							om	pany	/: \	Mewbourne (Oil Compan									
City: Hobbs	State: N	/ Zij):	8824	0			ttn:			Connor Wa	lker									
	(5) 264-9884 Fax #:							ddr	ess:												
Project #: 227		er: Me	wbo	urne (Dil Co	omp	anv	itv:						_	<u></u>						
V	Red Hills West Unit 27							tate	:		Zip:		<u>•</u>	2W	(8021B)						
	n: 32.052347, -103.676651								e #:				ş	2	8						
Sampler Name:								ax il					Chloride	TPH (8015M)	×						
FOR LAB USE ONLY	I		Т		MA	TRI)	_		RESE	RV.	SAMP	LING	0	4	ВТЕХ						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME									
11	FL 95 @ 0-3"	С	1		X				X		8/12/25		X	X	Х						
12	FL 96 @ 0-3"	С	1		X				X		8/12/25		Х	Х	х						
13	FL 97 @ 0-3"	С	1		X				X		8/12/25		Х	Х	х						
14	FL 98 @ 0-3"	С	1		X				X		8/12/25		Х	Х	Х						
15	FL 99 @ 0-3"	С	1		X				X		8/12/25		Х	Х	Х						
16	FL 100 @ 0-3"	С	1		X				X		8/12/25		X	Х	Х						
	FL 101 @ 0-3"	С	1		X				X		8/12/25		Х	Х	Х						
18	FL 102 @ 0-3"	С	1		X				X		8/12/25	12 37	X	Х	х						
19	FL 103 @ 0-3"	С	1		X				X		8/12/25		Х	Х	х						
20	FL 104 @ 0-3"	С	1		X				X		8/12/25		Х	Х	Х						

/ X FL 102 @ 0-3"	C 1	X	X 8/12/2	5 X	X	X						
19 FL 103 @ 0-3"	C 1	X	X 8/12/2	5 X	X	X						
20 FL 104 @ 0-3"	C 1	X	X 8/12/2	5 X	Х	X						
PLEASE NOTE: Liability and Damages, Cardinal's liability and malyses. All claims including those for negligence and any other service. In no event shall Cardinal be liable for incidental or con affiliates or successors arising out of or related to the performance.	or cause whatsoever shall be deemed waived un sequental damages, including without limitation,	less made in writing and receive business interruptions, loss of u	ed by Cardinal within 30 days after use, or loss of profits incurred by cli	completion of the applicable ent, its subsidiaries,								
Relinquished By:	Date: 13-2 Receive		Idaker .	Verbal Result: All Results are er	☐ Yes mailed.	Please pr	ovide Ema	I Phone # ail addres techenv.c	s:			
Relinquished By:	Date: Receive	ed By:		REMARKS:								
pa l	Observed Temp. °C 4.0 Corrected Temp. °C 5.7	Sample Condition Cool Intact Pes Pes No No	CHECKED BY:	Turnaround Time Thermometer ID # Correction Factor	440	Standar Rush		Cool I		Sample Con Observed	Temp. °C	
EOPM 006 P 3 5 08/05/24	+ Cardinal ca	anot accent verba	Changes Please of	mail changes to co	lov ko	ne@car	dinallahe	nm com				

FORM-006 R 3.5 08/05/24

101 East Marland, Hobbs, NM 88240

Released to Imaging: 11/7/2025 3:00:34 PM

Company Name	Etech Environmenta	8 & Safety Solution	s, li	nc.						L	BIL	L TO					ANALYS	S	REQUEST	
Project Manager	: Lance Crenshaw							P	O. #	:								T		
Address: 261	7 West Marland							C	omp	any:	V	fewbourne (Oil Compan							
City: Hobbs		State: NM Z	Zip:		8824	0		A	ttn:		(Connor Wal	ker							
Phone #: (575	5) 264-9884	Fax #:						A	ddre	ss:										
Project #: 227	14	Project Owner: N	View	/bou	rne O	il Co	mpa	ny C	ity:						=	<u>@</u>				
Project Name:	Red Hills West Unit 27							s	tate:		2	Zip:		a e	25	(8021B)				
Project Location	: 32.052347, -103.676	6651						P	hone	#:				oric	801	8				
Sampler Name:	Martin Sepulveda							F	ax #:					Chloride	TPH (8015M)	X				
FOR LAB USE ONLY				T		MAT	RIX		PR	ESER	₹V.	SAMP	LING	0	F	ВТЕХ				
Lab I.D.	Sample I.I		(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE OTHER	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME							
	FL 105 @ 0-3"		С	1		X				X		8/12/25		X	Х	Х		I		
23	FL 106 @ 0-3"		С	1		X				X		8/12/25		Х	X	X				
	FL 107 @ 0-3"		С	1		X				X	1	8/12/25		Х	Х	X		1		
	FL 108 @ 0-3"		С	1		X				X	_	8/12/25		X	X	X		1		
	FL 109 @ 0-3"		С	1		X				X	_	8/12/25		X	X	Х		1		
	FL 110 @ 0-3"		С	1		X				X		8/12/25		Х	X	X				
	FL 111 @ 0-3"		С	1		X				X		8/12/25		X	X	X				
	FL 112 @ 0-3"		С	1		X				X		8/12/25		X	X	X				
39	FL 113 @ 0-3"		С	1		X				X		8/12/25	17 17	Х	Х	х				
30	FL 114 @ 0-3"		C	1		X				X		8/12/25		X	X	X				

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: Received Time: 450		All Results are emailed. Please provide Em	l'I Phone #: nail address: etechenv.com
Relinquished By:	Date: Receiv	ived By:	REMARKS:	
	bserved Temp. °C 6.0 priected Temp. °C 5.7	Sample Condition Cool Intact Yes Yes No No	Turnaround Time: Standard Rush Thermometer ID #140 Correction Factor 56°C +0,3c°	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C

101 East Marland, Hobbs, NM 88240 (ETE) 303-2326 EAY (ETE) 303-2476

Company Name: Etech Environmental & Safety Solutions, Inc.			BILL TO				ANALYSIS REQUEST														
Project Manager: Lance Crenshaw					P.	P.O. #:															
Address: 2617 West Marland				C	Company: Vewbourne Oil Compan																
City: Hobbs	State: NM	ate: NM Zip: 88240			Attn: Connor Wa			lker													
Phone #: (575) 264-9884					Ac	Address:															
Project #: 22714 Project Owner: Mewbourne Oil Company					City:						<u></u>										
Project Name: Red Hills West Unit 27				State: Zip:				e	TPH (8015M)	218											
Project Location: 32.052347, -103.676651				PI	Phone #:					Chloride	BTEX (8021B)										
Sampler Name: Martin Sepulveda			Fax #:				표	E	×												
FOR LAB USE ONLY			MATRIX			PRESERV. SAMPL			PLING	O	0	E									
Lab I.D. <i>H255019</i>	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE OTHER:	ACID/BASE:	ICE / COOL	DATE	TIME										
	FL 115 @ 0-3"	С			X				X	8/12/25		Х	Х	Х							
32	FL 116 @ 0-3"	С	1		X				X	8/12/25		Х	Х	х							
33	FL 117 @ 0-3"	С	1		X				X	8/12/25		Х	Х	X							
34	FL 118 @ 0-3"	С	1		X				X	8/12/25		Х	X	X							
35	FL 119 @ 0-3"	С	1		X				X	8/12/25		Х	X	Х							
36	FL 120 @ 0-3"	С	1		X				X	8/12/25		Х	Х	Х							
37	FL 121 @ 0-3"	С	1		X				X	8/12/25		Х	Х	Х							
38	FL 122 @ 0-3" FL 123 @ 0-3"	C	1		X				X	8/12/25		Х	X	Х							
		С	1		X				X	8/12/25		Х	X	X							
	FL 124 @ 0-3"	С	_		X				X	8/12/25	-	Х	X	Х							
nalyses, All claims includin prvice, in no event shall Ca filiates or successors arisin	d Damages. Cardinal's liability and client's exclusive remedy for ar g those for negligence and any other cause whatsoever shall be durdinal be liable for incidental or consequental damages, including gout of or related to the performance of services hereunder by Cr	emed wa without lin	aived u mitation gardie	inless mad n, business ss of whet	le in writi interrup her such	ng and d	received ass of us	i by Ca e, or io	rdinal with ss of prof	in 30 days after or Is incurred by clien	impletion of the app nt, its subsidiaries, ns or otherwise.										
Relinquished By	Time: 450			ved/By ved By	101	ra.	de	U	das	bye	Verbal Re All Results	are er	☐ Ye		o Add'l F rovide Email pm@ete	addres	ss:				
Delivered By: (C	ircle One) Observed Temp. °C	100	0		mple			1		CKED BY:	Turnaroun	d Time):	Standar			ria (onl	ple Con	dition	°C	
Sampler - UPS -	Bus - Other: Corrected Temp. C	5.	7		Yes No	Y	es No	0	7	itials)	Thermomete Correction F	er ID #	140 0.6°C				S Ye		Temp.		

Relinquished By:	Date: 3-25 Receiv	rediby:	Verbal Results:								
Relinquished By:	Date: Receiv	red By:	REMARKS:								
	Observed Temp. °C 6.0 Corrected Temp. °C 5.7	Sample Condition CHECKED BY: Cool Intact (Initials) Yes Yes No No	Turnaround Time: Standa Rush Thermometer ID #140 Correction Factor -0:6°C +0:3								

101 East Marland, Hobbs, NM 88240

Company Name	: Etech Environmental & Safety Soluti	ons, Inc	C.				No.		BI	LL TO					ANAI	YSIS	REC	QUEST			1園
Project Manage	r: Lance Crenshaw						P.O	.#:													
Address: 261	7 West Marland						Cor	npan	v:	Viewbourne	Oil Compan										
City: Hobbs	State: NM	Zip:	88	240			Attr	•		Connor Wa											
Phone #: (57	5) 264-9884 Fax #:						Add	ress													
Project #: 227		: Mewb	ourn	e Oil (Comp	any	City	r:						<u>@</u>							
	Red Hills West Unit 27						Stat			Zip:		e	TPH (8015M)	BTEX (8021B)							
Project Location							Pho	ne #:				Chloride	801	8							
Sampler Name:	Martin Sepulveda						Fax	#:				美	I	×							
FOR LAB USE ONLY		TT	T	M	ATRI	X		PRES	ERV.	SAM	PLING	0	F	3TE							
Lab I.D. H255019	Sample I.D.	(G)RAB OR (C)OMP	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME										
	FL 125 @ 0-3"	C			(X		8/12/25		Х	Х	Х							
42	FL 126 @ 0-3"	C	1)	(X		8/12/25		Х	Х	х							
43	FL 127 @ 0-3"	C 1	1)	(X		8/12/25		Х	Х	х							
44	FL 128 @ 0-3"	C	1	2	(X		8/12/25		Х	Х	Х							
45	FL 129 @ 0-3"	C	1)	(X		8/12/25		Х	Х	Х							
46	FL 130 @ 0-3"	C 1	1)	(X		8/12/25		Х	Х	X							
47	FL 131 @ 0-3"	C 1	1)	(X		8/12/25		Х	Х	Х							\perp
	FL 132 @ 0-3"	C 1	1	2	(X		8/12/25		Х	X	Х			_				
	FL 133 @ 0-3"	C 1	1	2	(X		8/12/25		Х	X	Х							\sqcup
	FL 134 @ 0-3"	C 1	1		(X	1	8/12/25		Х	X	X							
analyses, All claims includir	nd Damages, Cardinal's liability and client's exclusive remedy for any ng those for negligence and any other cause whatsoever shall be de	emed waive	d unless	made in	writing a	and rece	eived by	y Cardina	d within	30 days after con	pletion of the appl	licable									
affiliates or successors arisi	ardinal be liable for incidental or consequental damages, including w ng out of or related to the performance of services hereunder by Car	dinal, regard	dless of	whether s	uch clair	m is ba	sed upo	on any of	the abo	incurred by client, eve stated reasons	or otherwise.		ПУ		a lade	Dhana	4.				_
Relinquished By	6 mu Time; 450	Rece	eived July	em	are	14	L	de	ale	Lyc	Verbal Res All Results REMARKS	are er	☐ Yeanailed.		rovide Ema pm@eto		SS:				
	Time:								,						. 🔛						
Delivered By: (C Sampler - UPS -	-	-6.0		Samp Cool	Inta	ect	_	CI		(ED BY:	Turnaround Thermomete Correction F			Standar Rush	rd X	Cool	ria (oni Intact s Yo o N		Condition Condit	np. °C	

Relinquished By:	Date: 8-13-25 Received	ayara Adakar	All Results are emailed. Please provide	dd'I Phone #: Email address: @etechenv.com
Relinquished By:	Date: Receive	ed By:	REMARKS:	
	Observed Temp. °C 6.0 Corrected Temp. °C 5.7	Sample Condition CHECKED BY: Cool Intact (Initials) Pes Yes No No	Turnaround Time: Standard Rush Thermometer ID #140 Correction Factor -0.6°C +0.3°C	X Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C



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

Company Name	: Etech Environmental & Safety Solut	ions,	Inc.						B	ILL TO					ANAI	YSIS	RE	QUES	T			4
Project Manage	r: Lance Crenshaw							P.O.	#:													\neg
Address: 261	7 West Marland							Con	pany:	Vlewbourne	Oil Compan											
City: Hobbs	State: NM	Zip	o:	882	240			Attn	:	Connor Wa	alker										1	
Phone #: (575	5) 264-9884							Add	ress:													
Project #: 227	14 Project Owner	r: Me	wbo	urne	Oil C	omp	any	City	:					<u></u>								
Project Name:	Red Hills West Unit 27							Stat	e:	Zip:		e	TPH (8015M)	BTEX (8021B)								
Project Location								Pho	ne #:			Chloride	801	8		1						
Sampler Name:	Martin Sepulveda							Fax				<u>ặ</u>	I	×			1					
FOR LAB USE ONLY		T	T		MA	TRIX	<	F	PRESER	V. SAM	PLING	0	匝									
Lab I.D. <i>H255</i> 619	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE: ICE / COOL	DATE	TIME											
	FL 135 @ 0-3"	С			X				X	8/12/25		Х	Х	Х								
52	FL 136 @ 0-3"	С	1		X				X	8/12/25		Х	X	х								
53	FL 137 @ 0-3"	С	1		X				X	8/12/25		Х	Х	х								
54	FL 138 @ 0-3"	С	1		X				X	8/12/25		Х	Х	X								
	FL 139 @ 0-3"	С	1		X				X	8/12/25		Х	X	X								
56	FL 140 @ 0-3"	C	1		X				X	8/12/25		Х	Х	Х								
	FL 141 @ 0-3"	С	1		X				X	8/12/25		Х	Х	X								
58	FL 142 @ 0-3"	C	1		X				X	8/12/25		Х	Х	X								
39	FL 143 @ 0-3"	С	1		X				X	8/12/25		Х	Х	X								
	FL 144 @ 0-3"	С	_		X	-			X	8/12/25		X	X	X								
analyses, All claims includin service, in no event shall Ca	nd Damages, Cardinal's liability and client's exclusive remedy for any githose for negligence and any other cause whatsoever shall be de ardinal be liable for incidental or consequental damages, including via go out of or related to the performance of services hereunder by Ca	emed w vithout lin rdinal, re	raived o imitatio egardie	uniless n n, busin	nade in w ness interr hether su	riting ar	nd rece s, loss o	ived by f use, o	Cardinal with	nin 30 days after con its incurred by client	mpletion of the app t, its subsidiaries,		□ Ye	s 🗆 N	l'bbA o	Phone :	#-					_
Relinquished By	L Mu Time: 450	0		//	IIII	MA	4	M	lat	ex.		are er			rovide Ema pm@ete	l addre	SS:					
	Time:														. —							
Delivered By: (C Sampler - UPS -				(Cool Ye	Inta	Yes			CKED BY:	Turnaroun Thermomete Correction F	r ID #	140	Standar Rush		Cool Ye	ria (on Intact s Yo	98	served	dition Temp. °		

Relinquished By:	Date: 8-13-25 Received		Verbal Results Ves No Add'l Phone #: All Results are emailed. Please provide Email address: pm@etechenv.com
Relinquished By:	Date: Receive	ed By:	REMARKS:
The state of the s	Observed Temp. °C 6.0 Corrected Temp. °C 5.7	Sample Condition Cool Intact (Initials) Yes Yes No No	Turnaround Time: Standard Rush Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Thermometer ID #140 Correction Factor -0.8tc +0.3c Bacteria (only) Sample Condition Cool Intact Observed Temp. °C



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

Company Name	Etech Environmental & Safety Soluti	ions,	Inc.						BI	LL TO					ANA	YSIS	REC	QUEST			一司
Project Manage	: Lance Crenshaw						P.C	. #:													\Box
Address: 261	7 West Marland					75	Cor	npan	y:	Mewbourne	Oil Compan										
City: Hobbs	State: NM	Zip):	882	40		Att	n:		Connor Wa	lker										
	5) 264-9884 Fax #:	•					Add	iress	:												
Project #: 227		r: Me	wbo	urne	Oil Cor	npan	Cit	<i>r</i> :						m							
	Red Hills West Unit 27						Sta			Zip:		9	TPH (8015M)	BTEX (8021B)				1 1			
Project Location							Pho	ne #				Chloride	801	88							
Sampler Name:	Martin Sepulveda						Fax					풀	=	×							
FOR LAB USE ONLY		T	T		MATI	RIX	_	PRES	ERV.	SAME	PLING	0	<u>-</u>	E							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME										
41	FL 145 @ 0-3"	С			X)		8/12/25		Х	Х	Х							
	FL 146 @ 0-3"	С	1		X)	(8/12/25		X	Х	Х							
63	FL 147 @ 0-3"	C	1		X)	(8/12/25		X	Х	X							
64	FL 148 @ 0-3"	C	1		X)	(8/12/25		Х	Х	Х							
65	FL 149 @ 0-3"	C	1		X)	(8/12/25		Х	Х	X							
Celo	FL 150 @ 0-3"	C	1		X)	(8/12/25		Х	Х	X							
67	FL 151 @ 0-3"	C	1		X)	(8/12/25		Х	Х	X							
68	NW 1	C	1		X)	(8/12/25		Х	X	Х							
69	NW 2	C	1		X)	(8/12/25		Х	Х	X							
	NW 3	C			X)	_	8/12/25		X	X	X							
nalyses, All claims includin	d Damages. Cardinal's liability and client's exclusive remedy for any g those for negligence and any other cause whatsoever shall be de	emed w	raived u	ınless m	ade in writin	g and re	ceived b	y Cardin	al within	30 days after com	pletion of the appl	licable									
	rdinal be liable for incidental or consequental damages, including w ig out of or related to the performance of services hereunder by Car	rdinal, re	egardies	ss of wh	ether such o						or otherwise.										
Relinquished By	Date: 13-2	Re	eceiv	Pede	ly: [[[]]]	91	4	M	H	al a	Verbal Res All Results		☐ Yes		No Add'I provide Ema pm@et		ss:				
Relinquished By	Date:	Re	eceiv	ved E	y:				,		REMARKS	3:									
	Time:																				
Delivered By: (C	ircle One) Observed Temp. °C	1	0	S	ample (ondi	ion	С	HECK	ED BY:	Turnaroun	d Time	1:	Standa	rd X	Bacte	ria (on	y) Samp	e Condi	tion	-
Sampler - UPS -	-	-co.	7	C	Yes No	tact		~	(Init	ials)	Thermomete Correction F			Rush		Cool	Intact s Ye	Obs	served T	emp. °C	

Relinquished By:	Date: /3-25 Time: 450	Received By: MIII WA Adabase	Verbal Results Yes No Add'l Phone #: All Results are emailed. Please provide Email address: pm@etechenv.com
Relinquished By:	Date:	Received By:	REMARKS:
	Observed Temp. °C	Sample Condition CHECKED BY: (Initials) Yes Yes No No	Turnaround Time: Standard Rush Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Thermometer ID #140



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

Company Name	: Etech Environmental & Safety Solut	ions,	Inc.							BI	LL TO					ANA	LYSIS	REG	QUES	T	
Project Manage	r: Lance Crenshaw						F	2.0.	#:												
Address: 261	7 West Marland						0	on	npany	y:	Mewbourne (Oil Compan									
City: Hobbs	State: NM	Zip	:	8824	0		4	Attn	:		Connor Wal	ker									
Phone #: (57	5) 264-9884 Fax #:						1	Add	ress												
Project #: 227	14 Project Owne	r: Me	wbou	irne O	il Co	mpa	any	City	:						<u>@</u>						
Project Name:	Red Hills West Unit 27						5	Stat	e:		Zip:		e e	25	(8021B)						
Project Location	n: 32.052347, -103.676651						F	ho	ne #:				oric	8	8						
Sampler Name:	Martin Sepulveda						F	ax	#:				Chloride	TPH (8015M)	X						
FOR LAB USE ONLY		T	П		MAT	RIX		F	PRES	ERV.	SAMP	LING	0	T	ВТЕХ						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	OIHER:	ACID/BASE:	OTHER:	DATE	TIME									
71	NW 4	С	1		X				X		8/12/25		Х	X	Х						
73	EW 1	С	1		X				X		8/12/25		Х	Х	Х						
73	EW 2	С	1		X				X		8/12/25		Х	X	Х						
74	EW 3	С	1		X				X		8/12/25		Х	Х	Х						
75	EW 4	С	1		X			1	X		8/12/25		Х	X	Х						
76	EW 5	C	1		X			1	X		8/12/25		Х	Х	Х						
77	SW 1	C	1		X				X		8/12/25		Х	Х	X						
78	SW 2	C	1		X				X		8/12/25		X	X	Х						
79	SW 3	С	1		X				X		8/12/25		Х	X	Х						
200	SW 4	C	14		X				X		8/12/25		Х	X	X						

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 subsi

10	service. In no event shall Cardinal be liable for incidental or conseq	uental damages, including without	limitation, business interruptions, loss of use, or	loss of profits incurred by client,	its subsidiaries,			
2	affiliates or successors arising out of or related to the performance of	of services hereunder by Cardinal,	regardless of whether such claim is based upon	any of the above stated reasons	or otherwise.			
/20	Relinquished By:	Date: 12.70 R	Received/By:	/ // / /	Verbal Result:		Phone #:	1
10/10	May and	Time: 450	Muara Ille	daker	All Results are emailed.		echenv.com	
D:	Relinquished By:	Date: R	Received By:		REMARKS:			I
,00		Time:						ı
ed by	Delivered By: (Circle One)	oserved Temp. °C	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time:	Standard X Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C	
ceive	Sampler - UPS - Bus - Other: Co	orrected Temp. °C	7 Yes Yes		Thermometer ID #140 Correction Factor -0.6°C	10.35	Yes Yes No No Corrected Temp. °C	
Re	EORM-008 R 3 5 08/05/24	+ Cardi	nal cannot accent verbal ch	anges Please ema	il changes to celev kee	ene@cardinallabs	nm.com	

Company Name	: Etech Environmenta	8 Safety Solutions	, Inc	C.			T			BI	LL TO					ANAL	YSIS	REQ	UEST		19
Project Manage	r: Lance Crenshaw						7	2.0.	#:											T	
Address: 261	7 West Marland						0	Com	pany	<i>y</i> :	Vlewbourne (Oil Compan									
City: Hobbs		State: NM Zi	p:	882	40		1	Attn	:		Connor Wal	ker									
Phone #: (57	5) 264-9884	Fax #:					1	Add	ress:												
Project #: 227	714	Project Owner: M	ewb	ourne	Oil C	ompa	ny (City						=	<u>a</u>						
Project Name:	Red Hills West Unit 27						5	State	9 :	107	Zip:		de	15	(8021B)						
Project Location	n: 32.052347, -103.676	6651					F	ho	ne #:				Chloride	TPH (8015M)	(80						
Sampler Name:	Martin Sepulveda						F	ах					당	Ĭ	ВТЕХ						
FOR LAB USE ONLY		0			MA	TRIX	_	P	RESI	ERV.	SAMP	LING		F	B						
Lab I.D. H 255019	Sample I.I	D. adamon	AIN	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ICE / COOL	OTHER:	DATE	TIME									
81	WW 1 WW 2	(1		X			1	X		8/12/25		Х	Х	Х						
82	WW 2		1		Х	1	-	1	X	-	8/12/25		Х	X	Х						
	WW 3	- 0	-		Х	+-+	+	+	X		8/12/25		X	Х	Х	_					-
A 11	WW 4		-		X	+-+	-	+	X	1	8/12/25		X	X	X	_	-			+-+	-
03	WW 5		+		X	+++	+	+	X	\vdash	8/12/25		X	X	X	-	-				+
			t			H	+	1	+	\vdash											+
			+				1	+													
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Relinquished By:	Date: 8-13-25 Received		All Results are emailed. Please provide Em	"I Phone #: ail address: techenv.com
Relinquished By:	Date: Receive	ed By:	REMARKS:	
	Observed Temp. °C (4.0) Corrected Temp. °C 5.7	Sample Condition Cool Intact (Initials) Yes Yes No No	Turnaround Time: Standard Rush Thermometer ID #140 Correction Factor 3:62c 40:3&	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C



August 26, 2025

LANCE CRENSHAW
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: RED HILLS WEST UNIT 27

Enclosed are the results of analyses for samples received by the laboratory on 08/20/25 14:59.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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.

Celey D. Keine

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



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/20/2025 Sampling Date: 08/19/2025

Reported: 08/26/2025 Sampling Type: Soil Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact

Project Number: 22714 BATTERY Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.05274-103.67691

Sample ID: FL 6 @ 6" (H255195-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2025	ND	1.81	90.6	2.00	9.81	
Toluene*	<0.050	0.050	08/21/2025	ND	2.15	108	2.00	6.52	
Ethylbenzene*	<0.050	0.050	08/21/2025	ND	2.26	113	2.00	3.91	
Total Xylenes*	<0.150	0.150	08/21/2025	ND	7.08	118	6.00	3.51	
Total BTEX	<0.300	0.300	08/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	08/21/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2025	ND	178	89.1	200	3.11	
DRO >C10-C28*	<10.0	10.0	08/21/2025	ND	171	85.6	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	08/21/2025	ND					
Surrogate: 1-Chlorooctane	94.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	94.3	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/20/2025 Sampling Date: 08/19/2025

Reported: 08/26/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 BATTERY Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MEWBOURNE 32.05274-103.67691

Sample ID: FL 10 @ 6" (H255195-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2025	ND	1.81	90.6	2.00	9.81	
Toluene*	<0.050	0.050	08/21/2025	ND	2.15	108	2.00	6.52	
Ethylbenzene*	<0.050	0.050	08/21/2025	ND	2.26	113	2.00	3.91	
Total Xylenes*	<0.150	0.150	08/21/2025	ND	7.08	118	6.00	3.51	
Total BTEX	<0.300	0.300	08/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	08/21/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2025	ND	178	89.1	200	3.11	
DRO >C10-C28*	<10.0	10.0	08/21/2025	ND	171	85.6	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	08/21/2025	ND					
Surrogate: 1-Chlorooctane	96.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	93.3	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/20/2025 Sampling Date: 08/19/2025

Reported: 08/26/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 BATTERY Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.05274-103.67691

Sample ID: FL 14 @ 6" (H255195-03)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2025	ND	1.81	90.6	2.00	9.81	
Toluene*	<0.050	0.050	08/21/2025	ND	2.15	108	2.00	6.52	
Ethylbenzene*	<0.050	0.050	08/21/2025	ND	2.26	113	2.00	3.91	
Total Xylenes*	<0.150	0.150	08/21/2025	ND	7.08	118	6.00	3.51	
Total BTEX	<0.300	0.300	08/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	08/21/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2025	ND	178	89.1	200	3.11	
DRO >C10-C28*	<10.0	10.0	08/21/2025	ND	171	85.6	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	08/21/2025	ND					
Surrogate: 1-Chlorooctane	91.7	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	89.7	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240 Fax To:

Received: 08/20/2025 Sampling Date: 08/19/2025

Reported: 08/26/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 BATTERY Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MEWBOURNE 32.05274-103.67691

Sample ID: FL 75 @ 6" (H255195-04)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2025	ND	1.81	90.6	2.00	9.81	
Toluene*	<0.050	0.050	08/21/2025	ND	2.15	108	2.00	6.52	
Ethylbenzene*	<0.050	0.050	08/21/2025	ND	2.26	113	2.00	3.91	
Total Xylenes*	<0.150	0.150	08/21/2025	ND	7.08	118	6.00	3.51	
Total BTEX	<0.300	0.300	08/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/21/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2025	ND	178	89.1	200	3.11	
DRO >C10-C28*	<10.0	10.0	08/21/2025	ND	171	85.6	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	08/21/2025	ND					
Surrogate: 1-Chlorooctane	96.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	94.6	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/20/2025 Sampling Date: 08/19/2025

Reported: 08/26/2025 Sampling Type: Soil

Project Name: **RED HILLS WEST UNIT 27** Sampling Condition: Cool & Intact Project Number: 22714 BATTERY Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE 32.05274-103.67691

Sample ID: FL 76 @ 6" (H255195-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2025	ND	1.81	90.6	2.00	9.81	
Toluene*	<0.050	0.050	08/21/2025	ND	2.15	108	2.00	6.52	
Ethylbenzene*	<0.050	0.050	08/21/2025	ND	2.26	113	2.00	3.91	
Total Xylenes*	<0.150	0.150	08/21/2025	ND	7.08	118	6.00	3.51	
Total BTEX	<0.300	0.300	08/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1580	16.0	08/21/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2025	ND	178	89.1	200	3.11	
DRO >C10-C28*	<10.0	10.0	08/21/2025	ND	171	85.6	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	08/21/2025	ND					
Surrogate: 1-Chlorooctane	83.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.5	% 40.6-15	3						

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Celey D. Keine



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

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

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Celey D. Keine

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

P	ao	ie	1	of	1

Company Name	: Etech Environmental & Safety Solution	ons,	Inc.						BI	LL TO					ANA	LYSI	S RE	QUES	Т		
Project Manage	r: Lance Crenshaw						P.O	.#:													
Address: 261	7 West Marland						Cor	npan	<i>y</i> :	Mewbourne	Oil Compan										
City: Hobbs	State: NM	Zip	:	8824	0		Attr	1:		Connor Wa	lker										
Phone #: (575	5) 264-9884 Fax #:						Add	iress				i									
Project #: 227	14 Project Owner	: Me	wbou	ırne (Oil Co	mpan	City	<i>/</i> :					=	<u>@</u>							
Project Name:	Red Hills West Unit 27 Battery						Sta	te:		Zip:		e e	TPH (8015M)	BTEX (8021B)							
Project Location	32.05274, -103.67691	2/1					Pho	ne #:				Chloride	80	8							
Sampler Name:	Dominic Casarez		10-500				Fax	#:				롯	I	X							
FOR LAB USE ONLY		Τ.	П		MAT	RIX		PRES	ERV.	SAM	PLING	١	F	E							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	OTHER:	ACID/BASE:	OTHER:	DATE	TIME										
1	FL 6 @ 6"	С	1		X			X		8/19/25		Х	Х	Х							
2	FL 10 @ 6"	С	1		X			X		8/19/25		Х	Х	Х							
23	FL 14 @ 6"	С	1		X			X		8/19/25		Х	Х	Х							
4	FL 75 @ 6"	С	1		X			X		8/19/25		Х	Х	Х							
5	FL 76 @ 6"	С	1		X			X		8/19/25		Х	Х	X							
			Ш													1		-			
			Н				\perp		\sqcup								-	-	_		
		\vdash	Н		+	_	+		\vdash								-	+-			
		\vdash	Н				\perp		\vdash							_	-	-		0.00	
nalyses, All claims includir service, in no event shall Ca	d Damages. Cardinal's liability and client's exclusive remedy for any g those for negligence and any other cause whatsoever shall be determined be liable for incidental or consequental damages, including w go out of or related to the performance of services hereunder by can.	emed wa eithout lin dinal, re	nived un nitation gardles	nless ma , busines	de in writi s interrup ther such	ing and re ptions, los	s of use,	y Cardina or loss of	within profits i	30 days after con incurred by client,	pletion of the appl its subsidiaries,		☐ Yes	s D N	o Add	'I Phone	#:				
MA	Time: 7459	0			110	ta	de	la	las	Sel	All Results		nailed.	Please p	rovide Em		ess:				
Relinquished By		Re	ceiv	ed B	y:						REMARKS	3 :									
Delivered By: (C Sampler - UPS -			- 1	C	ool /	Condi		CI	IECK (Init	ED BY:	Turnaroun	r ID #	440	Standar Rush	rd X	Cool	eria (on Intact es Y		served	Temp. °C	
					No		0		-	^	Correction F	actor -	0:6°C +	0.50	12 - 10 6		lo 🗌 l	lo Co	orrected	Temp. °C	

Relinquished By:	8-20-25	ceived By:	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address: pm@etechenv.com
Relinquished By:	Date: Rec	ceived By:	REMARKS:
	Time:		
Delivered By: (Circle One)	Observed Temp. °C 5.7	7 Sample Condition CHECKED BY: (Initials)	Turnaround Time: Standard X Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C 5.4	Yes Yes No No	Thermometer ID #140 Correction Factor -0.8°C +0.3° No No Corrected Temp. °C



August 27, 2025

LANCE CRENSHAW
Etech Environmental & Safety Solutions
2617 W MARLAND
HOBBS, NM 88240

RE: RED HILLS WEST UNIT 27

Enclosed are the results of analyses for samples received by the laboratory on 08/21/25 15:21.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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.

Celey D. Keine

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



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 08/21/2025 Sampling Date: 08/20/2025

Reported: 08/27/2025 Sampling Type: Soil

Project Name: RED HILLS WEST UNIT 27 Sampling Condition: Cool & Intact
Project Number: 22714 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: MEWBOURNE 32.05274-103.67691

mg/kg

Sample ID: FL 130 @ 6" (H255237-01)

BTEX 8021B

BIEX GOEED	9/	119	Andryzo	u 5 y 1 51 1					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2025	ND	1.48	73.9	2.00	5.51	
Toluene*	<0.050	0.050	08/22/2025	ND	1.66	82.9	2.00	5.59	
Ethylbenzene*	<0.050	0.050	08/22/2025	ND	1.76	87.9	2.00	5.57	
Total Xylenes*	<0.150	0.150	08/22/2025	ND	5.42	90.3	6.00	5.03	
Total BTEX	<0.300	0.300	08/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	08/22/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2025	ND	181	90.6	200	0.803	
DRO >C10-C28*	<10.0	10.0	08/22/2025	ND	184	91.9	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	08/22/2025	ND					
Surrogate: 1-Chlorooctane	73.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	65.2	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

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

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Celeg D. Kreene

ompany Name	(575) 393-2326 FAX (575) 393-24 : Etech Environmental & Safety Solu		Inc.						BI	LL TO					ANALYS	S REQUEST		_
roject Manage	r: Lance Crenshaw						P.(D. #:										
ddress: 261	7 West Marland						Co	mpai	ny:	Mewbourne (Ni Compan							-
ity: Hobbs	State: NM	Zip	:	88240)		Att	n:		Connor Wall	ker							1
hone #: (57	5) 264-9884 Fax #:						1	dres	s:									
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	Red Hills West Unit 27 Battery						1	ate:		Zip:		Chloride	TPH (8015M)	BTEX (8021B)				
	n: 32.05274, -103.67691						-	one i	#:		_	Plo	8	×				
FOR LAS USE ONLY	Dominic Casarez	_	т		MATE	RIX	ra	x#:	SERV.	SAMP	LING	ū	효	12		1 1 1		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	OTHER:	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME							
1	FL 130 @ 6"	С	1		Х				Х	8/20/25		Х	Х	X	\perp		\perp	-

Relinquished By:	R. Bl. as	Received By:		Verbal Results Yes No Add'l Phone #: All Results are emailed. Please provide Email address: pm@etechenv.com						
Relinquished By:	Date: Time:	Received By:		REMARKS:						
Section 1997 and 1997	Observed Temp. °C	Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Standard Rush Thermometer ID #140 Correction Factor -0.6°C+0-3	X Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C					



October 09, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: BATTLE AXE RANCH PIT

Enclosed are the results of analyses for samples received by the laboratory on 10/07/25 14:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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/ga/lab accredited certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)

Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keine

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: BATTLE AXE RANCH PIT

Project Number: 22714

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 09-Oct-25 12:44

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BACKFILL PIT	H256263-01	Soil	07-Oct-25 00:00	07-Oct-25 14:45

10/09/25 - Client changed the project name (see COC). This is the revised report and will replace the one sent on 10/08/25.

Cardinal Laboratories *=Accredited Analyte

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 client for analyses. All claims, including those for negligence ar any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage 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 the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: BATTLE AXE RANCH PIT

Project Number: 22714

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 09-Oct-25 12:44

BACKFILL PIT H256263-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	5100812	НМ	08-Oct-25	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5100716	JН	07-Oct-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5100716	JH	07-Oct-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5100716	JH	07-Oct-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5100716	ЈН	07-Oct-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5100716	JH	07-Oct-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			87.9 %	70.4	-141	5100716	ЈН	07-Oct-25	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5100724	MS	07-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5100724	MS	07-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5100724	MS	07-Oct-25	8015B	
Surrogate: 1-Chlorooctane			70.4 %	52.4	-130	5100724	MS	07-Oct-25	8015B	
Surrogate: 1-Chlorooctadecane			67.4 %	39.9	-141	5100724	MS	07-Oct-25	8015B	

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Celeg D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: BATTLE AXE RANCH PIT

Project Number: 22714

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 09-Oct-25 12:44

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5100812 - 1:4 DI Water										
Blank (5100812-BLK1)				Prepared &	k Analyzed:	08-Oct-25				
Chloride	ND	16.0	mg/kg							
LCS (5100812-BS1)				Prepared &	analyzed:	08-Oct-25				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (5100812-BSD1)				Prepared &	k Analyzed:	08-Oct-25				
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	

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Celey D. Keene



%REC

Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: BATTLE AXE RANCH PIT

Spike

Source

86.1

70.4-141

Project Number: 22714

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 09-Oct-25 12:44

RPD

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

0.0430

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5100716 - Volatiles										
Blank (5100716-BLK1)				Prepared &	: Analyzed:	07-Oct-25				
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		88.1	70.4-141			
LCS (5100716-BS1)				Prepared &	: Analyzed:	07-Oct-25				
Benzene	1.95	0.050	mg/kg	2.00		97.7	71-111			
Toluene	1.91	0.050	mg/kg	2.00		95.7	75-116			
Ethylbenzene	1.85	0.050	mg/kg	2.00		92.6	74.2-119			
m,p-Xylene	3.57	0.100	mg/kg	4.00		89.3	72.5-123			
o-Xylene	1.79	0.050	mg/kg	2.00		89.7	70.5-124			
Total Xylenes	5.37	0.150	mg/kg	6.00		89.4	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	0.0432		mg/kg	0.0500		86.4	70.4-141			
LCS Dup (5100716-BSD1)				Prepared &	: Analyzed:	07-Oct-25				
Benzene	1.90	0.050	mg/kg	2.00		95.2	71-111	2.55	17.6	
Toluene	1.87	0.050	mg/kg	2.00		93.5	75-116	2.37	14.8	
Ethylbenzene	1.80	0.050	mg/kg	2.00		90.1	74.2-119	2.74	14.2	
m,p-Xylene	3.46	0.100	mg/kg	4.00		86.6	72.5-123	3.02	13.6	
o-Xylene	1.75	0.050	mg/kg	2.00		87.5	70.5-124	2.49	13.7	
Total Xylenes	5.21	0.150	mg/kg	6.00		86.9	72.2-123	2.85	13.3	

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mg/kg

0.0500

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Celey D. Keens

Surrogate: 4-Bromofluorobenzene (PID)



%REC

Limits

RPD

Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240

Analyte

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

Project: BATTLE AXE RANCH PIT

Spike

Level

50.0

50.0

Source

Result

%REC

89.5

90.6

52.4-130

39.9-141

Project Number: 22714

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 09-Oct-25 12:44

RPD

Limit

Notes

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

44.7

45.3

Blank (5100724-BLK1)	Prepared & Analyzed: 07-Oct-25										
GRO C6-C10	ND	10.0	mg/kg								
DRO >C10-C28	ND	10.0	mg/kg								
EXT DRO >C28-C36	ND	10.0	mg/kg								
Surrogate: 1-Chlorooctane	39.8		mg/kg	50.0	79.7	52.4-130					
Surrogate: 1-Chlorooctadecane	38.3		mg/kg	50.0	76.5	39.9-141					
LCS (5100724-BS1)				Prepared & Anal	lyzed: 07-Oct-25						
GRO C6-C10	168	10.0	mg/kg	200	84.2	78.7-123					
DRO >C10-C28	167	10.0	mg/kg	200	83.7	74.8-123					
Total TPH C6-C28	336	10.0	mg/kg	400	83.9	78.6-121					
Surrogate: 1-Chlorooctane	42.6		mg/kg	50.0	85.2	52.4-130					
Surrogate: 1-Chlorooctadecane	43.4		mg/kg	50.0	86.9	39.9-141					
LCS Dup (5100724-BSD1)				Prepared & Anal	lyzed: 07-Oct-25						
GRO C6-C10	174	10.0	mg/kg	200	87.1	78.7-123	3.42	11.3			
DRO >C10-C28	172	10.0	mg/kg	200	85.9	74.8-123	2.62	10.9			
Total TPH C6-C28	346	10.0	mg/kg	400	86.5	78.6-121	3.02	10.5			

mg/kg

mg/kg

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Celey D. Keens



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

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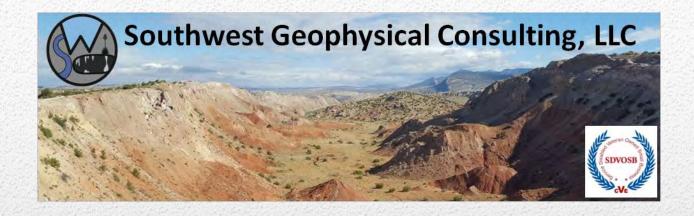
Celey D. Keine



101 East Marland, Hobbs, NM 88240

Company Name									BH	LL TO	Page 1 o									of 1				
Project Manage						-	P.O. #:					-				ANA	1313	RE	QUES	-				
Address: 2617 West Marland City: Hobbs State: NM Zip: 88240											-		1											
										MARKS	1		1				1			1 1				
					-	Attn:					1		1 1				1							
Phone #: (575) 264-9884 Fax #: Project #: 22714 Project Owner: Mewbourne Oil Company				_	Address:					1														
Project #: 227		V			-				-						2	8								
Project Name: Red Hills West Unit 27 Battery Battle age Riven Pit			+	State: Zip: Phone #:					<u>ē</u>	15	BTEX (8021B)													
Project Location: 32.05274, -103.67691									4	Chloride			TPH (8015M)			1								
Sampler Name:	Presley Perez				_			_	Fax #: PRESERV SAMPLING				5	포	Ĭ,				1					
FOR LAB USE ONLY MATRIX C C C					SAMI	LING		F	18															
Lab I.D.	Sample I.	D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	7	LUDGE	THER:	ICE / COO!	OTHER:	DATE	TIME											
Hablians	Backfill Pit		C	# 1	0	S O	0	S	0 4	X	0	10/7/25	TIME	Х	X	X	-	+	+	-	+	+		
	DOCKIIII I IC		Ť			1	+	\forall	+	^		10/1/20		<u> </u>	_^_	-		-	-	-	+	+	1	
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Appendix E Karst Study Report



Environmental Karst Study Report Mewbourne Red Hills West Unit 27 Lea County, New Mexico

Prepared For:

eTech Environmental & Safety Solutions, Inc.
6309 Indiana Avenue, Suite D
Lubbock, TX 79413

☐ Positive within 200 feet of spill delineation boundary

☑ Negative within 200 feet of spill delineation boundary

☑ Stable **☐** Unstable Ground

☐ Karst Monitor Recommended

August 13, 2025

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1.0 INTRODUCTION

This report was commissioned by eTech Environmental & Safety Solutions, Inc. (hereinafter referred to as "the client"), on July 23, 2025, for the purpose of conducting an environmental karst study within an area encompassing the Mewbourne Red Hills West Unit 27 release site (hereinafter termed "RH27") centered at N 32.052452° W 103.676397°.

1.1 Goals of this Study

The goals of this study are to conduct a surface karst inventory and provide the client with the location and description of any surface karst features located within 200 feet (61 meters) of the spill delineation boundary (as defined by 19.15.29.12 NMAC^[1]), and to determine whether stable ground exists (as defined by 19.15.2 NMAC Definitions^[2]) within the spill delineation boundary of the Mewbourne Red Hills West Unit 27 release site as provided by the client via e-mail (1_GeoMeasure_2025-07-20-09-36-50_bmacinfotech.kml) on July 23, 2025, using electrical resistivity imaging^[3].

1.2 Summary of Findings

- No surface karst features exist within the 200-foot (61-meter) perimeter of the spill delineation boundary.
- No anomalies consistent with subsurface air- or water-filled voids were found within the RH27 resistivity survey area, indicating the zone beneath the geophysical survey is not subject to collapse.
- Well layered stratigraphy is interpreted to exist beneath the area where the geophysical survey was conducted, indicating stable ground.

1.3 Affected Environment

The RH27 project site is located in evaporite karst terrain, a landform that is characterized by underground drainage through solutionally enlarged conduits. Evaporite karst terrain may contain sinkholes, sinking streams, caves, and springs. Sinkholes leading to underground drainages and voids are common. These karst features, as well as occasional fissures and discontinuities in the bedrock, provide the primary sources for rapid recharge of the groundwater aquifers of the region. Additionally, karst may develop by hypogene processes involving dissolution by upwelling fluids from depth independent of recharge from the overlying or immediately adjacent surface. Hypogene karst systems may not be connected to the surface and can remain undiscovered unless encountered during drilling or excavation.

Karst features are delicate resources that are often of geological, hydrological, biological, and archeological importance, and should be protected. The four primary concerns in these types of terrain are environmental issues, worker safety, equipment damage, and infrastructure integrity.

The Bureau of Land Management (BLM) categorizes all areas within the Carlsbad Field Office (CFO) zone of responsibility as having either low, medium, high, or critical cave potential based on geology, occurrence of known caves, density of karst features, and potential impacts to freshwater aquifers^[4]. These designations are also recognized by the New Mexico State Land Office (NMSLO). This project occurs within a **MEDIUM** karst occurrence zone (MKOZ)^[5] (**Figure 1**).



Figure 1: Karst occurrence zone overview. Background image credit: Google Earth. Image date: December 12, 2023. Image datum: WGS-84.

A medium karst occurrence zone is defined as an area in known soluble rock types that may have a shallow insoluble overburden. These areas may contain isolated karst features such as caves and sinkholes. Groundwater recharge may not be wholly dependent on karst features, but the karst features still provide the most rapid aquifer recharge in response to surface runoff [4].

Due to the rapidity with which evaporite karst develops, locations within BLM-CFO designated karst occurrence zones must be assessed on an individual basis to determine the existence of surface karst features and the possibility of sub-surface karst development each time a release occurs.

1.4 Limitations of Report

This report should be read in full. No responsibility is accepted for the use of any part of this report in any other context or for any other purpose or by third parties. This report does not purport to give legal advice. Legal advice can only be given by qualified legal practitioners.

This report has been prepared for the use of eTech Environmental & Safety Solutions, Inc., in accordance with generally accepted consulting practices. Every effort has been made to ensure the information in this report is accurate as of the time of its writing. This report has not been prepared for use by parties other than the client, their contracting party, and their respective consulting advisors. It may not contain sufficient information for the purposes of other parties or for other uses.

This report was prepared upon completion of the associated fieldwork using a standard template prepared by Southwest Geophysical Consulting and is based on information collected prior to fieldwork, conditions encountered on site, and data collected during the fieldwork and reviewed at the time of preparation. Southwest Geophysical Consulting disclaims responsibility for any changes that might have occurred at the site after this time. The interpreted results, locations, and depths noted in this report (if applicable) should be taken as an interpretation only and no decision should be based solely on this information. Physical verification of aerial imagery analysis results in the field should be conducted prior to using this information for remediation planning. Physical verification of geophysical results using geotechnical methods should be conducted.

To the best of our knowledge, the information contained in this report is accurate at the date of issue. Due to the nature of karst terrain, the information in this report shall not be used beyond two years past the date of the field work provided in section *2.3 Description of Survey*. Large weather events can shorten this time period as areas subject to karst development can rapidly form new features subsequent to these events.

2.0 LOCATION AND DESCRIPTION OF STUDY AREA

2.1 Description of Site

The site is located 65.8 kilometers (41.1 miles) southeast of Carlsbad, New Mexico, south of Pipeline Road and east of Orla Road. The project site is located within section 9 of NM T26S R32E^[6] (Figure 1 and Figure 2). The region has flat-lying terrain with karstification occurring in the gypsite soils and underlying gypsum and dolomite bedrock^[7] (see section *2.2 Local Geology Summary* for further information). The climate in this area of southeast New Mexico is semi-arid with an average annual precipitation of approximately 13 inches, of which about two-thirds falls as rain during summer thunderstorms from June to October. Summers are hot and sunny while winters are generally mild, with an average maximum temperature of 96°F in July and an average minimum temperature of 28°F in January^[8]. This area is within the Chihuahuan Desert Thornscrub as defined by the Southwestern Regional ReGAP Vegetation map^[9] and the vegetation consists mostly of areas of blue grama, nine-awned pappus grass, burro grass and low scrub including yucca. The spill delineation boundary is located within an MKOZ^[5] (Figure 1) and within BLM-CFO managed land^[10] (Figure 2).



Figure 2: Land ownership and PLSS overview. Background image credit: Google Earth. Image date: December 12, 2023. Image datum: WGS-84.

2.2 Local Geology Summary

The site for the RH27 survey is located at an elevation of 985 meters (3,231 feet), \pm 11 meters (36 feet), and is located within a region underlain by the Permian Rustler Formation (Pru, not pictured as it does not outcrop in this area). The area is mantled by thin gypsiferous soils (gypsite), Quaternary alluvium (Qal), and eolian deposits (Qe)^[11] up to 5 meters in depth (**Figure 3**).

The Rustler Formation is an evaporite facies composed mainly of thin siltstones and sandstones interbedded with claystones, dolomite, and gypsum, and contains both karst-forming strata (the Forty-niner and Tamarisk members) and two shallow aquifers (the Magenta and Culebra Dolomite members)^[12].

The Pru overlies the Permian Salado Formation (Psl – not shown), a layer of extremely soluble halite which can readily dissolve to create caves, sinkholes, and other karst features; however, due to its extremely soluble nature, only non-soluble silt and sand remain from the dissolution of this layer at the surface^[12]. The Rustler Formation may be subject to collapse if a void has developed beneath it in the Salado Formation^[13].

The survey area is covered by the easily accessible Geologic Map of New Mexico (2003) at 1:500,000 scale^[14] and the Digital Geologic Map of New Mexico in ARC/INFO Format^[11].

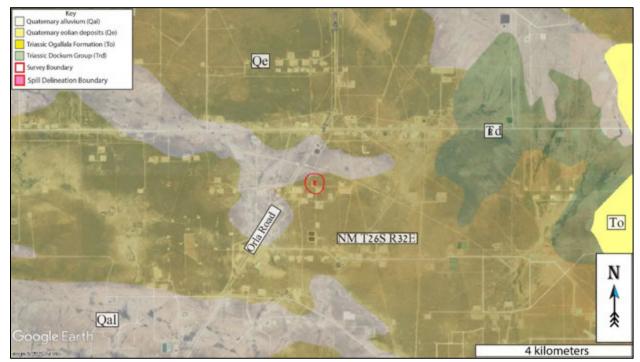


Figure 3: Geology overview. Geology map credit: The Digital Geologic Map of New Mexico in ARC/INFO Format. Background image credit: Google Earth. Image date: December 12, 2023. Image datum: WGS-84.

2.3 Description of Survey

2.3.1 Surface Karst Survey

Southwest Geophysical Consulting, in partnership with SWCA Environmental Consultants, provides surface karst surveys using small, uncrewed aerial systems (sUAS) that are flown by qualified, FAA licensed drone pilots and that meet the stringent Bureau of Land Management – Carlsbad Field Office requirements for both pedestrian and aerial karst surveys.

The surface karst survey includes a desk study prior to the flight which allows us to provide client feedback in the event of any previously known karst features in the area. The desk study is performed out to 305 meters (1,000 feet) from the spill delineation boundary per New Mexico Oil Conservation Division guidance^[1] (**Figure 4**). The study was performed using satellite and aerial imagery from Google Earth Pro dated December 12, 2023 (please note features less than one meter in diameter are generally not visible using this method); the Southwest Geophysical Cave and Karst Database dated August 1, 2025^[15]; the Puduca Breaks West, 2013, USGS topographic map; and the latest lidar imagery from CalTopo.com. Please note that we use older topographic maps because newer maps have had caves removed from them. These searches and queries returned no results within the survey boundary.

Surface karst surveys are conducted by sUAS at low elevation within 200 meters of the spill delineation boundary^[3] (Figure 4) following a preplanned raster pattern flightpath designed for the purpose of generating at least 75% imagery overlap. The collected high-resolution, georeferenced imagery is stitched together to develop orthomosaic imagery which is further developed into a digital elevation model (DEM); the DEM is then processed into a local relief model (LRM) (Figure 6). This LRM is color coded to enhance differences in elevation of as little as five centimeters. The orthoimagery, DEM, and LRM are uploaded to a server where they are analyzed by an experienced karst geologist. Finally, the data is reviewed by a senior karst geologist for quality assurance and downloaded into a table for inclusion in a written report^[16].

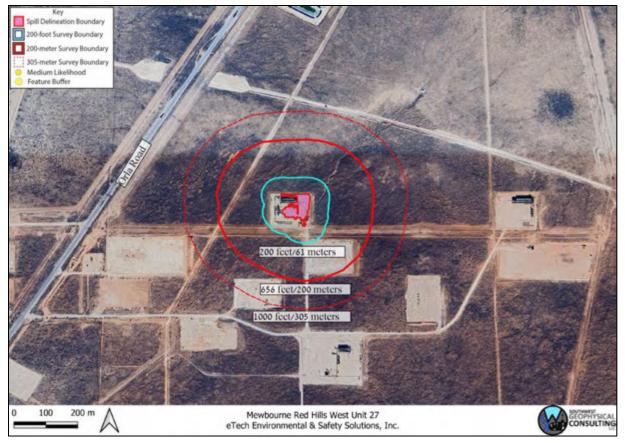


Figure 4: Surface survey overview. Background image credit: Google Earth. Image date: December 12, 2023. Datum: WGS-84.

The resolution of the orthoimagery is clear enough that features as small as 10 centimeters can be positively identified in most circumstances. Occasionally there are ambiguous features identified during an aerial survey that will need to be checked in the field if they are impacted by the proposed remediation efforts. Specifically, it is difficult to tell the difference between solution tubes, abandoned uncased well bores, and some burrows in drone imagery. If an ambiguous feature is located during imagery analysis, it is marked with a yellow dot in **Figure 6**. If a feature of any likelihood is subsequently verified in the field prior to publication of the report, the dot will be changed to a red triangle if confirmed as a karst feature or deleted if not.

The imagery for this study was collected via aerial survey by Pat Lagodney of SWCA on August 4, 2025. Surface karst features may have developed after this date and will not be noted in this report. Imagery analysis was completed by Dave Decker of Southwest Geophysical Consulting on August 5, 2025.

2.3.2 Geophysical Survey

For this survey, a Guideline Geo Inc. ABEM Terrameter LS 2, a 28-electrode array of 40-centimeter-long electrodes, and a tablet controller were used to image the subsurface. This survey consisted of two resistivity lines in a dipole-dipole configuration: line RH2701 was laid out south to north, while line RH2702 was laid out east to west. Both RH2701 and RH2702 consisted of 28 electrodes, at 5-meter spacing, resulting in 135-meter-long arrays (**Figure 5**, **Table 1**). One preconfigured command file was used to run the data collection (DiDi28). The 28-electrode configuration provided a depth of investigation of 27 meters (89 feet), all with a resolution of 2.5 to 3.0 meters (8.2 to 9.8 feet) within the first 5 to 8 meters (16 to 26 feet) from the surface. A Leica GS18 GPS was used to record electrode locations and elevations.



Figure 5: Geophysical survey overview. Both RH2701 and RH2702 were conducted with 28 electrodes each: all at 5-meter spacing (yellow dots denoted with blue numbers). Background image credit: Google Earth. Image date: December 12, 2023. Image datum: WGS-84.

Table 1 provides basic line data. Detailed information for each line including electrode number, location in latitude/longitude (decimal degree format), and elevation in meters can be found in the accompanying data files.

Table 1: Survey Line Data Table. The RH27_ERI_Points.kmz file contains all the points for the survey line listed in the file name. These data are available in the accompanying file ETEC-019-20250723_RH27_Data_Files.kmz.

File Name:	Completed By:	Date:
RH2701.kmz	Steven Kesler – Senior Field Geologist	
KHZ/U1.KIIIZ	Kat Knight – Field Geologist	8/4/2025
RH2702.kmz	Michael Jones – Field Geologist	
KH2/U2.KIII2	Aaron Beirl – Field Geologist	

EarthImager™ 2D software was used to download and process the data and to provide the model used to make our interpretations. The design of the survey and the orientation of each of the lines provides the information necessary to make the determination of "stable" or "unstable" ground at this site.

A typical starting model was used for the data processing due to the two-layer model of the geology in the area; specifically, generally high-resistivity gypsum and dolomite at the surface and low-resistivity saturated gypsum and dolomite bedrock at depth. The starting model used was "average apparent resistivity" and a default inversion setting of "surface," with a minimum apparent resistivity set to 0.1 Ohm-meters (Ohm-m or Ω -m) and a max apparent resistivity set to 100,000 Ω -m (**Table 2**).

Table 2: Software Information and Settings

Software Name:	EarthImager™ 2D
Version:	2.4.4.649
Starting Model:	Average Apparent Resistivity
Default Inversion Settings:	Surface
Changes to Default Inversion Settings:	Max Apparent Resistivity = 100 kΩ-m
	Min Apparent Resistivity = 0.1 Ω-m

Note: Raw data files (.stg files for EarthImager™ 2D) and processed data (.trn files, terrain files for surface correction in EarthImager™ 2D and .out files, the processed .stg files) are available upon request.

All field work, including setup, stow, and travel, was completed by Steven Kessler, Kat Knight, Michael Jones, and Aaron Beirl on August 4, 2025.

3.0 RESULTS

3.1 Surface Karst Survey

No surface karst features were located within the 200-foot (61-meter)^[1] survey boundary during the desk study or surface karst survey.

No springs exist within the 1,000-foot (305-meter)^[1] survey boundary.

The lack of surface karst features does not mean the area is not karstified and the survey area may still contain buried karst features. Caution should be exercised while clearing brush and during any excavation, trenching, or construction operations. Employing a BLM-CFO approved karst monitor on site during these operations should be considered.

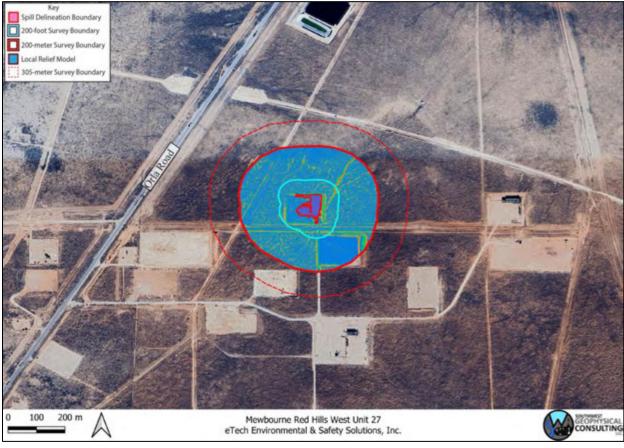


Figure 6: Surface karst survey results. Background image credit: Google Earth. Image date: July 14, 2024. Image datum: WGS-84.

3.2 Geophysical Survey

Electrical resistivity tomography forms images of the subsurface by causing a current to flow through the rock and soil and then measuring the resistance of these materials as the current flows through them. This measurement is taken many times and the resulting data, once processed, is used to produce a model of the subsurface (Figure 7). This model is produced using "non-unique" solutions, which means that there are many models and interpretations which will satisfy the data. Using experience and knowledge of the local geology, a high-confidence model can be established and used to develop an accurate understanding of what lies below the surface. This survey was conducted with the express purpose of locating subsurface voids and does not purport to find paleokarst (old, non-active karst features that have been filled in with sand and sediment) or nascent karst features below the resolution limit of the survey.

The results of this study indicate a moderately well-layered geologic system with resistivities between 18.4 and 662 Ohm-m (**Figure 7**). Please keep in mind when viewing the 2D inverted resistivity sections that color maps can be widely different for each view. Always check the color map located on the right side of the image when viewing the 2D images to ensure you understand the range of resistivities presented. Distances along the top and depths along the left side are in meters. The color map along the right side is in Ohm-m. Due to the nature of the survey, shallower zones have higher resolution between electrodes than deeper zones; therefore, small features at depth will not be visible.

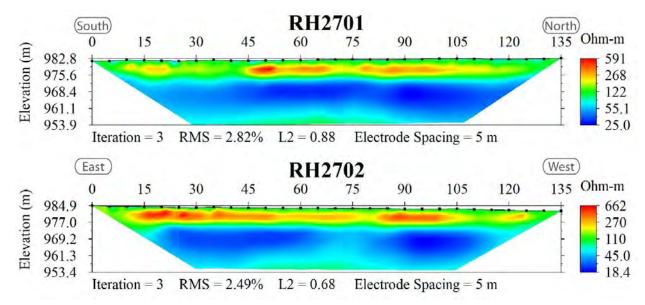


Figure 7: 2D inverted resistivity sections. Reds and oranges indicate higher resistivity values. Yellows and greens are medium-resistivity values. Blues are low-resistivity values. Please note that the color scale is relative.

4.0 DISCUSSION

No surface karst features were located within the survey area.

No high-resistivity anomalies consistent with air-filled subsurface voids are located within the survey boundary. However, due to the resolution limit of the survey, other small voids at or near the resolution limit (2.5 – 3.0 meters) cannot be ruled out (these are not common in this area). Higher-than-average resistivity areas located less than 10 meters beneath the surface are interpreted as dry caliche or gypsite soils; due to their low resistivity values when compared with significant subsurface voids, these features should not be a concern for remediation activities. Areas of moderate resistivity (yellows and greens) near the surface are interpreted as dry caliche soils and gypsum or dolomite bedrock of the Rustler Formation (Figure 7 and Figure 8).

Resistivity of the survey area drops below 55 Ω -m at approximately 10 meters (33 feet) depth in the survey area, indicating a change to clay-rich soils or possibly moist to saturated caliche/gypsite soils or gypsum/dolomite bedrock.

Please remember that these are interpretations made from knowledge of the local subsurface materials and experience. **They remain interpretations until verified by geotechnical methods.**

Within karst terrains like the project site, small air- or sediment-filled voids and/or brecciated zones and solutionally enlarged fractures that are below the resolution limit of the survey may exist; these may be encountered during excavation and if so, should be evaluated by a karst specialist prior to continuation of the excavation. Employing a BLM-CFO approved karst monitor on site during excavation in this area should be considered.

Fracture sets within the subsurface can act as hydrologic pathways to the water table. Rapid dissolution of gypsum can occur along these pathways creating solution-enlarged fractures, and in some cases, voids within months to years. For this reason, this survey is valid only for this remediation event.

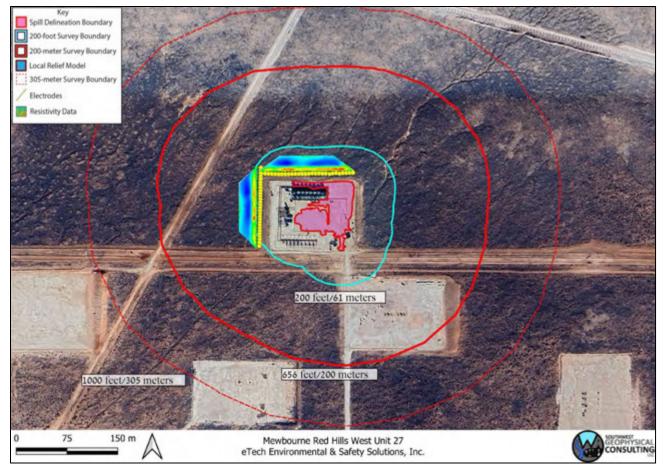


Figure 8: Data overlay. Colored trapezoids are 2D inverted resistivity lines. Background image credit: Google Earth. Image date: July 14, 2024.

5.0 SUMMARY

- The RH27 survey contains no surface karst features within 200 feet (61 meters) of the spill delineation boundary.
- The RH27 survey contains no high-resistivity anomalies which we interpret as subsurface voids.
- A well-layered stratigraphy is interpreted to exist beneath the area where the geophysical survey was conducted, indicating stable ground.
- Geophysical interpretations should be field verified by geotechnical methods prior to using this information for remediation planning.

6.0 DISCLOSURE STATEMENT

Karst occurrence zones are prone to rapid karst formation and warrant careful planning and engineering to mitigate karst-forming processes that could be accelerated by removal of surface cover or the vibrations associated with heavy equipment used in the remediation process.

Mitigation measures for any karst features revealed during excavation shall be approved by the Bureau of Land Management – Carlsbad Field Office and follow the Natural Resources Conservation Service Conservation Practice Standard for Karst Sinkhole Treatment, Code 527, or the Bureau of Land Management Cave and Karst Management Handbook, H-8380-1.

Vigilance during remediation activities is paramount. If voids are encountered during excavation, contact the Bureau of Land Management Karst Division at (575) 234-5972, the New Mexico State Land Office Surface Resources Division at (505) 827-5768, or a BLM-CFO approved karst contractor and request an on-site investigation from a karst expert if one is not already on site. A karst consultant can generally be available in Eddy County within five hours.

Approved karst monitors should have karst feature identification training, at least two years of supervised experience identifying karst features, wilderness first aid training, SRT training, confined space training, gas monitor training, and a minimum of SPAR cave rescue training through NCRC. They should have with them the proper gear and be prepared both physically and mentally to enter a collapse feature within minutes to perform a rescue if needed. Monitoring services with qualified karst monitors, as well as cave surveys and geophysical surveys, are available from Southwest Geophysical Consulting.

Under no circumstances should an untrained, inexperienced person enter a cave, pit, sinkhole, or collapse feature. All field employees of Southwest Geophysical Consulting have extensive caving experience and the ability to determine whether entry into a karst feature is safe or presents a hazard. In the event it is necessary to enter a karst feature, Southwest Geophysical Consulting can provide these services on request.

Cave and karst resource inventory reports, karst feature investigations, and geophysical reports (along with the associated data files) commissioned at the request of the land manager should be submitted to BLM-CFO at blm.gov.

Cave and karst resource inventory reports for the NMSLO should be submitted to the respective project manager.

Environmental karst reports should be submitted to the appropriate project manager at the New Mexico Oil Conservation Division.

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8.0 GLOSSARY OF TERMS

AGI Advanced Geosciences Inc.

BLM-CFO Bureau of Land Management - Carlsbad Field Office

brecciated Fractured rock caused by faulting or collapse. caprock-collapse sinkhole Collapse of roof-spanning rock into a cave or void.

cave Natural opening at the surface large enough for a person to enter.

cover-collapse sinkhole Collapse of roof-spanning soil or clay ground cover into a subsurface

void.

ERI Electrical Resistivity Imaging
GPS Global Positioning System

grike A solutionally enlarged, vertical, or sub-vertical joint or fracture.

(H) High confidence modifier for a PKF. This is typically reserved for a

feature that is definitely karst but has not been confirmed in the

field.

HKOZ High Karst Occurrence Zone

karst A landscape containing solutional features such as caves,

sinkholes, swallets, and springs.

(L) Low confidence modifier for a PKF. This is typically a feature that

cannot be ruled out as karst but is most likely NOT karst related.

This modifier may also be used for pseudokarst features.

(M) Medium confidence modifier for PKF. This is an ambiguous

feature that can't be positively identified as karst without a field visit (e.g., burrows, abandoned unlined wells, solution tubes,

pseudokarst).

MKOZ Medium Karst Occurrence Zone
NCRC National Cave Rescue Commission

NKF Non-karst feature. Used for features originally identified as PKF

that have been subsequently identified in the field as non-karst related. This term may also be used for pseudokarst features.

NMSLO New Mexico State Land Office

Ohm-meter, a unit of measurement for resistivity. Sometimes

abbreviated Ω -m.

paleokarst Previously formed karst features that have been filled in by

erosion and/or deposition of minerals.

Pat Permian Artesia Group
Pc Permian Capitan Formation

Pcs Permian Castile Formation

Pdl Permian Dewey Lake Formation

PKF Possible karst feature. This term is reserved for features

identified in satellite or aerial imagery that have NOT been visited in the field. Further modifiers include (H) for high confidence, (M) for medium confidence, and (L) for low confidence. These confidence levels are based on field

experience.

PLSS Public Land Survey System

Pqg Permian Queen/Greyburg Formation

Pru Permian Rustler Formation

pseudokarst Karst-like features (sinkholes, conduits, voids etc.) that are not

formed by dissolution. These types of features include soil piping, lava tubes, and some cover-collapse and suffosion sinkholes.

Psl Permian Salado Formation

Psr Permian Seven Rivers Formation

Pt Permian Tansill Formation
Py Permian Yates Formation
Qal Quaternary alluvium

Qe Quaternary eolian deposits
Qp Quaternary piedmont deposits
Qpl Quaternary playa lake deposits

RKF Recognized karst feature. This term is reserved for karst features

that have been physically verified in the field.

SPAR Small Party Assisted Rescue sUAS Small, uncrewed aerial system

suffosion sinkhole Raveling of soil into a pre-existing void or fracture.

swallet A natural opening in the surface, too small for a person, that drains

water to an aquifer. Some are "open," meaning a void can be seen

below; some are "closed, "meaning they are full of sediment.

SWG Southwest Geophysical Consulting, LLC

UTM Universal Transverse Mercator (projected coordinates)

(V) Field verified modifier for a RKF. This indicates that the feature has

been visited by a qualified karst professional in the field and fully

identified

WGS World Geodetic System (geographic coordinates)

9.0 ATTESTATION

David D. Decker, PhD, PG, CPG

Chief Executive Officer, Principal Geologist Southwest Geophysical Consulting, LLC 5117 Fairfax Dr. NW Albuquerque, NM 87114 dave@swgeophys.com (505) 585-2550

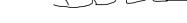
CERTIFICATE OF AUTHOR

I, David D. Decker, a Licensed Professional Geologist and a Certified Professional Geologist, do certify that:

- I am currently employed as a consulting geologist in the specialty of caves and karst with an office address of 5117 Fairfax Dr. NW, Albuquerque, NM, USA, 87114.
- I graduated with a Master of Science in Applied Physics with a specialization in Sensor Systems from the Naval Post Graduate School in Monterey, California, in 2003, and a Doctor of Philosophy in Earth and Planetary Sciences from the University of New Mexico, Albuquerque, New Mexico, in 2018.
- I am a Licensed Professional Geologist in the State of Texas, USA (PG-15242) and have been since 2021. I am a Certified Professional Geologist through the American Institute of Professional Geologists (CPG-12123) and have been since 2021.
- I have been employed as a geologist continuously since 2016. I was previously employed as a Fire Controlman, Naval Flight Officer, and Aerospace Engineering Duty Officer in the U.S. Navy and operated, maintained, and installed various sensor systems including magnetic, electromagnetic, radar, communications, and acoustic systems in various capacities from 1986 through 2010.
- I have been involved in various aspects of cave and karst studies continuously since 1985, including exploration, mapping, and scientific studies.
- I have read the definition of "qualified karst professional" set out in the ASTM Standard Practice for Preliminary Karst Terrain Assessment for Site Development (ASTM E-1527). I meet the definition of "qualified professional" for the purposes of this standard.
- I am responsible for the content, compilation, and editing of all sections of report number ETEC-019-20250723 entitled, "Environmental Karst Study Report, Mewbourne Red Hills West Unit 27, Lea County, New Mexico." I or a duly authorized and qualified representative of Southwest Geophysical Consulting, LLC, have personally visited this site and/or reviewed the aerial imagery on the date or dates mentioned in section 2.3 Description of Survey.

• I have no prior involvement nor monetary interest in the described property or project, save for my fee for conducting this investigation and providing the report.

Dated in Albuquerque, New Mexico, August 15, 2025.



David D. Decker PhD, CPG-12123



Appendix F Regulatory Correspondence

Sent: Wednesday, August 6, 2025 6:26 PM

To: Cesar Rosendo

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 492978

To whom it may concern (c/o Cesar Rosendo for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2521353327.

The sampling event is expected to take place:

When: 08/08/2025 @ 07:00

Where: O-09-26S-32E 0 FNL 0 FEL (32.05274,-103.67691)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of Pipeline Rd and Orla Rd (32.064984, -103.674256), head SW on Orla Rd for 1.29 mi, then E for 0.56 mi, then N for 0.24 mi, then NW for 0.05 mi to arrive at the Red Hills West Unit 27 pad (32.052347, -103.676651).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.
- If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

Sent: Wednesday, August 6, 2025 6:29 PM

To: Cesar Rosendo

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 492979

To whom it may concern (c/o Cesar Rosendo for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2521353327.

The sampling event is expected to take place:

When: 08/11/2025 @ 07:00

Where: O-09-26S-32E 0 FNL 0 FEL (32.05274,-103.67691)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of Pipeline Rd and Orla Rd (32.064984, -103.674256), head SW on Orla Rd for 1.29 mi, then E for 0.56 mi, then N for 0.24 mi, then NW for 0.05 mi to arrive at the Red Hills West Unit 27 pad (32.052347, -103.676651).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.
- If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

Sent: Wednesday, August 6, 2025 6:32 PM

To: Cesar Rosendo

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 492980

To whom it may concern (c/o Cesar Rosendo for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2521353327.

The sampling event is expected to take place:

When: 08/12/2025 @ 07:00

Where: O-09-26S-32E 0 FNL 0 FEL (32.05274,-103.67691)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of Pipeline Rd and Orla Rd (32.064984, -103.674256), head SW on Orla Rd for 1.29 mi, then E for 0.56 mi, then N for 0.24 mi, then NW for 0.05 mi to arrive at the Red Hills West Unit 27 pad (32.052347, -103.676651).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.
- If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

Sent: Wednesday, August 6, 2025 6:34 PM

To: Cesar Rosendo

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 492981

To whom it may concern (c/o Cesar Rosendo for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2521353327.

The sampling event is expected to take place:

When: 08/13/2025 @ 07:00

Where: O-09-26S-32E 0 FNL 0 FEL (32.05274,-103.67691)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of Pipeline Rd and Orla Rd (32.064984, -103.674256), head SW on Orla Rd for 1.29 mi, then E for 0.56 mi, then N for 0.24 mi, then NW for 0.05 mi to arrive at the Red Hills West Unit 27 pad (32.052347, -103.676651).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.
- If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

Sent: Wednesday, August 6, 2025 6:37 PM

To: Cesar Rosendo

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 492982

To whom it may concern (c/o Cesar Rosendo for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2521353327.

The sampling event is expected to take place:

When: 08/14/2025 @ 07:00

Where: O-09-26S-32E 0 FNL 0 FEL (32.05274,-103.67691)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of Pipeline Rd and Orla Rd (32.064984, -103.674256), head SW on Orla Rd for 1.29 mi, then E for 0.56 mi, then N for 0.24 mi, then NW for 0.05 mi to arrive at the Red Hills West Unit 27 pad (32.052347, -103.676651).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.
- If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

Sent: Wednesday, August 6, 2025 6:40 PM

To: Cesar Rosendo

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 492983

To whom it may concern (c/o Cesar Rosendo for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2521353327.

The sampling event is expected to take place:

When: 08/15/2025 @ 07:00

Where: O-09-26S-32E 0 FNL 0 FEL (32.05274,-103.67691)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of Pipeline Rd and Orla Rd (32.064984, -103.674256), head SW on Orla Rd for 1.29 mi, then E for 0.56 mi, then N for 0.24 mi, then NW for 0.05 mi to arrive at the Red Hills West Unit 27 pad (32.052347, -103.676651).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.
- If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

Sent: Wednesday, August 6, 2025 6:42 PM

To: Cesar Rosendo

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 492985

To whom it may concern (c/o Cesar Rosendo for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2521353327.

The sampling event is expected to take place:

When: 08/18/2025 @ 07:00

Where: O-09-26S-32E 0 FNL 0 FEL (32.05274,-103.67691)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of Pipeline Rd and Orla Rd (32.064984, -103.674256), head SW on Orla Rd for 1.29 mi, then E for 0.56 mi, then N for 0.24 mi, then NW for 0.05 mi to arrive at the Red Hills West Unit 27 pad (32.052347, -103.676651).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.
- If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

Sent: Wednesday, August 6, 2025 6:46 PM

To: Cesar Rosendo

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 492987

To whom it may concern (c/o Cesar Rosendo for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2521353327.

The sampling event is expected to take place:

When: 08/19/2025 @ 07:00

Where: O-09-26S-32E 0 FNL 0 FEL (32.05274,-103.67691)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of Pipeline Rd and Orla Rd (32.064984, -103.674256), head SW on Orla Rd for 1.29 mi, then E for 0.56 mi, then N for 0.24 mi, then NW for 0.05 mi to arrive at the Red Hills West Unit 27 pad (32.052347, -103.676651).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.
- If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

Sent: Wednesday, August 6, 2025 6:48 PM

To: Cesar Rosendo

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 492988

To whom it may concern (c/o Cesar Rosendo for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2521353327.

The sampling event is expected to take place:

When: 08/20/2025 @ 07:00

Where: O-09-26S-32E 0 FNL 0 FEL (32.05274,-103.67691)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of Pipeline Rd and Orla Rd (32.064984, -103.674256), head SW on Orla Rd for 1.29 mi, then E for 0.56 mi, then N for 0.24 mi, then NW for 0.05 mi to arrive at the Red Hills West Unit 27 pad (32.052347, -103.676651).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.
- If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

Sent: Wednesday, August 6, 2025 6:50 PM

To: Cesar Rosendo

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 492990

To whom it may concern (c/o Cesar Rosendo for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2521353327.

The sampling event is expected to take place:

When: 08/21/2025 @ 07:00

Where: O-09-26S-32E 0 FNL 0 FEL (32.05274,-103.67691)

Additional Information: Martin Sepulveda, 432-305-7322

Additional Instructions: From the intersection of Pipeline Rd and Orla Rd (32.064984, -103.674256), head SW on Orla Rd for 1.29 mi, then E for 0.56 mi, then N for 0.24 mi, then NW for 0.05 mi to arrive at the Red Hills West Unit 27 pad (32.052347, -103.676651).

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.
- If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

From: OCDOnline@state.nm.us < OCDOnline@state.nm.us >

Sent: Friday, September 12, 2025 11:27 AM **To:** Connor Walker <cwalker@mewbourne.com>

Subject: [EXT] The Oil Conservation Division (OCD) has approved the application, Application ID: 504556

To whom it may concern (c/o Connor Walker for MEWBOURNE OIL CO),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2521353327, with the following conditions:

The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. The variance request for 400' sampling is approved. Confirmation samples should be collected every 400 ft2. The work will need to occur in 90 days after the work plan has been reviewed.

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you, Scott Rodgers Environmental Specialist - A 505-469-1830 scott.rodgers@emnrd.nm.gov

Appendix G NMOCD Permitting System C-141 Questionnaire

1.0 SITE CHARACTERIZATION

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)?	Between 100 and 500 (ft.)
What method was used to determine the depth to groundwater?	NM OSE iWaters Database
Did this release impact groundwater or surface water?	No
What is the minimum distance between the closest lateral extents of the release and the following surface areas?	
A continuously flowing watercourse or any other significant watercourse?	1 to 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	1 to 5 (mi.)
An occupied permanent residence, school, hospital, institution or church?	> 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	1 to 5 (mi.)
Any other fresh water well or spring?	1 to 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field?	> 5 (mi.)
A wetland?	1 to 5 (mi.)
A subsurface mine?	> 5 (mi.)
A (non-karst) unstable area?	200 to 300 (ft.)
Categorize the risk of this well/site being in a karst geology.	Low
A 100-year floodplain?	> 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site?	No

2.0 REMEDIATION PLAN

Requesting a remediation plan approval with this submission?	Yes
Have the lateral and vertical extents of contamination been fully delineated?	Yes
Was this release entirely contained within a lined containment area?	No

Soil Contamination Sampling: (Provide the highest observable concentration for each, in mg/kg.)

Chloride (EPA 300.0 or SM4500 CL b)	15,100
TPH (GRO + DRO +MRO) (EPA SW-846 Method 8015M)	802
GRO+DRO (EPA SW-846 Method 8015M)	642
BTEX (EPA SW-846 Method 8021B or 8260B)	<0.050
Benzene (EPA SW-846 Method 8021B or 8260B)	<0.300

On what estimated date did, or will the remediation commence?	9/9/2025
On what date did, or will the final sampling or liner inspection occur?	8/20/2025
On what date will (or was) the remediation complete(d).	8/20/2025
What is the estimated surface area (in sq. ft.) that will eventually be reclaimed?	59,824
What is the estimated volume (in cy) that has or will eventually be reclaimed?	8,863
What is the estimated surface area (in sq. ft.) that has or will be remediated?	59,824
What is the estimated volume (in cy) that has or will be remediated?	180

This remediation will (or is expected to) utilize the following processes to remediate/reduce contaminants:

(Ex Situ) excavation and off-site disposal (i.e. dig and haul)		Yes
Which OCD approved facility will be used for off-site disposal?	R360	Red Bluff Facility
		Texas

3.0 DEFERRAL REQUESTS ONLY

Are you requesting a deferral of remediation closure due date with the approval of this submission?	No
Have the lateral and vertical extents of contamination been fully delineated?	
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction?	
What is the remaining surface area (sq. ft.) that will still need to be remediated if a deferral is granted?	
What is the remaining volume (cy) that will still need to be remediated if a deferral is granted?	
Enter the facility ID (f#) on which the deferral should be granted:	
Enter the API (30-) on which the deferral should be granted:	
Contamination does not cause an imminent risk to human heath, the environmental or groundwater:	

4.0 REMEDIATION CLOSURE REQUEST

Requesting a remediation closure approval with this submission?	Yes
Have the lateral and vertical extents of contamination been fully delineated?	Yes
Was the release entirely contained within a lined containment area?	No
What was the total surface area (sq. ft.) remediated?	59,824
What was the total volume (cy) remediated?	180
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste containing earthen material with concentrations of less than 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX and 10 mg/kg Benzene?	Yes
What was the total surface area (sq. ft.) reclaimed?	0
What was the total volume (cy) reclaimed?	0
Summarize any additional remediation activities not included by above"	
Please reference the attached Remediation Summary & Soil Closure Request.	

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 514225

QUESTIONS

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	514225
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2521353327
Incident Name	NAPP2521353327 RED HILLS WEST UNIT 27 BATTERY @ FAPP2200557162
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2200557162] RED HILLS WEST UNIT #27H BATTERY

Location of Release Source	
Please answer all the questions in this group.	
Site Name	RED HILLS WEST UNIT 27 BATTERY
Date Release Discovered	07/19/2025
Surface Owner	Federal

ncident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 215 BBL Recovered: 50 BBL Lost: 165 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 2

Action 514225

QUESTI	IONS (continued)
Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744 Action Number: 514225
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a s The source of the release has been stopped	
The impacted area has been secured to protect human health and the environment	True True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	i lation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releating the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface it does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Jeff Broom Title: Environmental Rep Email: jbroom@mewbourne.com Date: 10/10/2025

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QUESTIONS, Page 3

Action 514225

QUESTIONS (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	514225
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 100 (ft.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided	Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamina	ation associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	15100	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	802	
GRO+DRO (EPA SW-846 Method 8015M)	642	
BTEX (EPA SW-846 Method 8021B or 8260B)	0	
Benzene (EPA SW-846 Method 8021B or 8260B)	0	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence 09/09/2025		
On what date will (or did) the final sampling or liner inspection occur	08/20/2025	
On what date will (or was) the remediation complete(d) 08/20/2025		
What is the estimated surface area (in square feet) that will be reclaimed 59824		
What is the estimated volume (in cubic yards) that will be reclaimed	8863	
What is the estimated surface area (in square feet) that will be remediated	59824	
What is the estimated volume (in cubic yards) that will be remediated	180	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 514225

QUESTIONS (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	514225
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

4010110	
Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the	e appropriate district office no later than 90 days after the release discovery date.
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	Not answered.
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	R360 Red Bluff Facility
What is the name of the out-of-state facility	тх
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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.

Name: Jeff Broom
Title: Environmental Rep
Email: jbroom@mewbourne.com
Date: 10/10/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine it another remediation plan published in security.

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 514225

QUESTIONS (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	514225
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 514225

QUESTIONS (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	514225
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	492990
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/21/2025
What was the (estimated) number of samples that were to be gathered	303
What was the sampling surface area in square feet	60579

Remediation Closure Request				
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.				
Requesting a remediation closure approval with this submission	Yes			
Have the lateral and vertical extents of contamination been fully delineated	Yes			
Was this release entirely contained within a lined containment area	No			
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes			
What was the total surface area (in square feet) remediated	59824			
What was the total volume (cubic yards) remediated	180			
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes			
What was the total surface area (in square feet) reclaimed	0			
What was the total volume (in cubic yards) reclaimed	0			
Summarize any additional remediation activities not included by answers (above)	Please reference the attached Remediation Summary & Soil Closure Request.			

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement

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Title: Environmental Rep
Email: jbroom@mewbourne.com
Date: 10/10/2025

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QUESTIONS, Page 7

Action 514225

QUESTIONS (continued)

Operator:	OGRID:
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P.O. Box 5270	Action Number:
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	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report		
Only answer the questions in this group if all reclamation steps have been completed.		
Requesting a reclamation approval with this submission	No	

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CONDITIONS

Action 514225

CONDITIONS

Operator:	OGRID:
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P.O. Box 5270	Action Number:
Hobbs, NM 88241	514225
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	