Remediation Summary & Deferral Request

Mewbourne Oil Company Red Hills West 21 Fed Com #2H SWD Line

Lea County, New Mexico
Unit Letter "N", Section 16, Township 26 South, Range 32 East
Latitude 32.0358340 North, Longitude 103.680419 West
NMOCD Reference No. nAPP2120041782

Prepared By:

Etech Environmental & Safety Solutions, Inc.

6309 Indiana Ave, Ste. D Lubbock, Texas 79413

Ben J. Arguijo

Lance Crenshaw



Midland • San Antonio • Lubbock • Hobbs • Lafayette

TABLE OF CONTENTS

	Section
PROJECT INFORMATION	1.0
SITE CHARACTERIZATION	
CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE	3.0
INITIAL SITE ASSESSMENT	4.0
REMEDIATION ACTIVITIES SUMMARY	
DEFERRAL REQUEST	6.0
RESTORATION, RECLAMATION & RE-VEGETATION PLAN	
LIMITATIONS	8.0
DISTRIBUTION	9.0

FIGURES

- Figure 1 Topographic Map
- Figure 2 Aerial Proximity Map
- Figure 3A Site & Sample Location Map (Pasture Excavations)
- Figure 3B Site & Sample Location Map (Pad Excavation)

TABLES

Table 1 - Concentrations of BTEX, TPH & Chloride in Soil

APPENDICES

- Appendix A Depth to Groundwater Information
- Appendix B Field Data
- Appendix C Photographic Log
- Appendix D Laboratory Analytical Reports

1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Mewbourne Oil Company, has prepared this *Remediation Summary & Deferral Request* for the release site known as the Red Hills West 21 Fed Com #2H SWD Line (henceforth, "Red Hills West 21"). Details of the release are summarized below:

atitude:	32.0358340	Longitude:	-103.680419
	P	rovided GPS are in WGS84 format	t.
ite Name: Red Hil	ls West 21 Fed Com #2H S	SWD Line Site Type:	Pipeline
Date Release Discove		API # (if applica	*
II '. I	.: L m 1:		
Unit Letter S	ection Township 16 26S	Range 32E	County Lea
urface Owner: XS		ribal Private (Nam	
Crude Oil	Volume Released (bbls))	Volume Recovered (bbls)
X Produced Water	Volume Released (bbls)) 140	Volume Recovered (bbls) 70
	Is the concentration of to (TDS) in the produced v		X Yes No N/A
Condensate	Volume Released (bbls))	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Release	ed	Volume/Weight Recovered
Cause of Release: A 3" poly Salt Water	Disposal (SWD) line deve	eloped a leak.	1
		Initial Response	
X The source of the	release has been stopped.		
X The impacted are	a has been secured to protect	t human health and the env	ironment.
	_		sorbent pad, or other containment devices
	***	,	1 /

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

2.0 SITE CHARACTERIZATION

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the Red Hills West 21 release site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. Depth to groundwater information is provided as Appendix A.

What is the shallowest depth to groundwater beneath the area affected by the release?	2	10'
Did the release impact groundwater or surface water?	Yes	X No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes	X No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark?	Yes	X No
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	Yes	X No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Yes	X No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes	X No
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes	X No
Are the lateral extents of the release within 300 feet of a wetland?	Yes	X No
Are the lateral extents of the release overlying a subsurface mine?	Yes	X No
Are the lateral extents of the release overlying an unstable area such as karst geology?	X Yes	No
Are the lateral extents of the release within a 100-year floodplain?	Yes	X No
Did the release impact areas not on an exploration, development, production or storage site?	X Yes	No

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish & Wildlife Services (FWS) shapefiles, topographic maps, NMOSE and USGS databases, and aerial imagery. The results are depicted in Figures 1, 2, 4, and 5.

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria and NMOCD Reclamation Standards for the Red Hills West 21 release site are as follows:

Probable Depth to Groundwater	('onstituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	100	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	600	100
210'	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8015M	#N/A	N/A
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

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

[†] Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).

[‡] The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

4.0 INITIAL SITE ASSESSMENT

On March 3 and 4, 2022, Etech conducted an initial site assessment. During the site assessment, a series of soil bores and/or test trenches (SP1 through SP8) were advanced within the release margins in an effort to determine the vertical extent of impacted soil. In addition, a series of hand-augered soil bores (NH1, EH1, EH2, EH3, EH4, EH5, SH1, WH1, WH2, WH3, WH4, and WH5) were advanced at the inferred edges of the affected area in an effort 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 40 delineation soil samples (NH1 @ Surface, NH1 @ 1', EH1 @ Surface, EH1 @ 1', EH2 @ Surface, EH2 @ 1', EH3 @ Surface, EH3 @ 1', EH4 @ Surface, EH4 @ 1', EH5 @ Surface, EH5 @ 1', SH1 @ Surface, SH1 @ 1', WH1 @ Surface, WH1 @ 1', WH2 @ Surface, WH2 @ 1', WH3 @ Surface, WH3 @ 1', WH4 @ Surface, WH4 @ 1', WH5 @ Surface, WH5 @ 1', SP1 @ Surface, SP1 @ 8', SP2 @ Surface, SP2 @ 14', SP3 @ Surface, SP3 @ 6', SP4 @ Surface, SP4 @ 4', SP5 @ Surface, SP5 @ 4', SP6 @ Surface, SP6 @ 8', SP7 @ Surface, SP7 @ 6', SP8 @ Surface, and SP8 @ 8') were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results, the horizontal and vertical extent of impacted soil was adequately defined and ranged from approximately four (4) feet below ground surface (bgs) in the areas characterized by sample points SP4 and SP5 to eight (8) feet bgs in the areas characterized by sample point SP2.

The locations of the hand-augered soil bores are depicted in Figure 3A, "Site & Sample Location Map (Pasture Excavations)".

5.0 REMEDIATION ACTIVITIES SUMMARY

On May 9, 2022, remediation activities commenced at the release site. Due to the size and nature of the release, the affected area was divided into three (3) sections: North Excavation, which is in the pasture north of the Red Hills West SWD; South Excavation, which is in the pasture south of the SWD; and the Pad, which includes portions of the production pad and encompasses the SWD facility itself. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and NMOCD Reclamation Standards was excavated to the extent practicable 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 sidewalls of the excavations were advanced to the extent practicable or until field tests and field observations suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards. The excavations were advanced vertically to approximately four (4) feet bgs.

On May 11, 2022, Etech collected six (6) confirmation soil samples (NW 1A, SW 1B, SW 2B, SW 3B, WW 1E, and WW 2A) from the sidewalls of the South Excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory method detection limit (MDL). Chloride concentrations ranged from 32.0 mg/kg in soil sample WW 1E to 480 mg/kg in soil sample SW 2B.

On May 13, 2022, Etech collected nine (9) confirmation soil samples (NW 2C, NW 3B, EW 1B, EW 2B, EW 3A, SW 4A, SW 5A, WW 3B, and WW 4) from the sidewalls of the South Excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 16.0 mg/kg in soil samples EW 3A and WW 3B to 208 mg/kg in soil sample SW 5A.

On May 17, 2022, Etech collected seven (7) confirmation soil samples (NW 4, EW 4, EW 5, EW 6A, WW 5, WW 6, and WW 7) from the sidewalls of the South Excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 16.0 mg/kg in soil sample WW 6 to 144 mg/kg in soil sample NW 4.

On May 20, 2022, Etech collected seven (7) confirmation soil samples (NW 5A, EW 7B, EW 8B, SW 6A, SW 7A, WW 8B, and WW 9A) from the sidewalls of the South Excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from less than the laboratory MDL in soil sample SW 6A to 208 mg/kg in soil sample WW 9A.

On May 26, 2022, Etech collected 15 confirmation soil samples (NW 6, EW 9A, EW 10B, EW 11A, EW 12A, SW 8A, SW 9B, SW 10, SW 11C, WW 10, WW 11B, WW 12A, WW 13A, WW 14, and WW 15) from the sidewalls of the South Excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from less than the laboratory MDL in soil samples EW 10B and SW 8A to 528 mg/kg in soil sample WW 13A.

On May 27, 2022, Etech advanced a series of six (6) test trenches (DFS1 through DFS6) within the release margins in an effort to further characterize the affected soil in the Pad requiring deferral of remediation. During the advancement of the test trenches, soil samples were collected and field-screened for concentrations of chloride utilizing a chloride test kit and/or the presence of VOCs utilizing olfactory/visual senses.

Based on field observations and field test data, a total of 37 deferral characterization soil samples (DFS 1 @ Surface through DFS 1 @ 9', DFS 2 @ Surface through DFS 2 @ 3', DFS 3 @ Surface through DFS 3 @ 4', DFS 4 @ Surface through DFS 4 @ 4', DFS 5 @ Surface through DFS 5 @ 14', and DFS 6 @ Surface through DFS 6 @ 22') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH concentrations were below the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL in each of the submitted soil samples, with the exceptions of soil samples DFS 2 @ Surface, DFS 4 @ Surface, and DFS 4 @ 1', which exhibited TPH concentrations ranging from 11.3 mg/kg (DFS 2 @ Surface) to 433 mg/kg (DFS 4 @ Surface). Chloride concentrations ranged from 32.0 mg/kg in soil sample DFS 2 @ 1' to 19,300 mg/kg in soil sample DFS 3 @ Surface. Based on laboratory analytical data, the extent of impacted soil was adequately defined and ranged from less than one (1) foot bgs in the area characterized by sample point DFS4 to approximately 16 feet bgs in the area characterized by sample point DFS6. Soil was not affected beyond ground surface in the area characterized by sample point DFS2.

On June 9, 2022, Etech collected four (4) confirmation soil samples (EW 13, EW 14, SW 12, and SW 13) from the sidewalls of the South Excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from less than the laboratory MDL in soil sample EW 14 to 32.0 mg/kg in soil samples EW 13 and SW 12.

On June 13, 2022, Etech collected nine (9) confirmation soil samples (EW 15A, EW 16A, EW 17B, EW 18A, WW 16B, WW 17B, WW 18B, WW 19B, and WW 20B) from the sidewalls of the North Excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH concentrations were

below the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL in each of the submitted soil samples. Chloride concentrations ranged from 16.0 mg/kg in soil sample EW 18A to 640 mg/kg in soil sample WW 18B, which exceeded the NMOCD Closure Criterion and Reclamation Standard. Based on these laboratory analytical results, the excavation was subsequently further advanced in the area characterized by soil sample WW 18B.

On June 16, 2022, Etech collected six (6) confirmation soil samples (NW 7, EW 19A, EW 20A, EW 21, WW 21, and WW 22B) from the sidewalls of the North Excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 80.0 mg/kg in soil sample EW 21 to 240 mg/kg in soil sample WW 21.

Etech also advanced a hand-augered soil bore (OSS) to determine the extent of impacted soil in an area of the pasture adjacent to the North Excavation inferred to have been affected by a light overspray from the release. During the advancement of the hand-augered soil bore, soil samples were collected and field-screened for the presence of VOCs utilizing olfactory/visual senses and/or concentrations of chloride utilizing a chloride test kit. Based on field observations and field test data, two (2) delineation soil samples (OSS @ Surface and OSS @ 1') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations were 448 mg/kg in soil sample OSS @ Surface and 112 mg/kg in soil sample OSS @ 1'. Based on these laboratory analytical results, the extent of impacted soil was adequately defined and did not extend beyond ground surface.

On June 20, 2022, Etech collected one (1) confirmation soil sample (WW 18C) from the sidewall of the excavated area. The soil sample was submitted to the laboratory for analysis of chloride. Laboratory analytical results the chloride concentration was 48.0 mg/kg and below the NMOCD Closure Criterion and NMOCD Reclamation Standard.

On June 22, 2022, Etech collected one (1) confirmation soil sample (WW 18C) from the sidewall of the excavated area. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also below the applicable laboratory MDL. Chloride concentrations ranged from 80.0 mg/kg in soil sample EW 21 to 240 mg/kg in soil sample WW 21.

On June 28, 2022, based on laboratory analytical results, field observations, and in-situ chloride migration modeling, Mewbourne submitted a *Remediation Summary, Variance & Deferral Request* to the NMOCD requesting approval to defer remediation of chloride-impacted soil affected above the NMOCD Closure Criteria remaining in-situ in the Pad until decommissioning and abandonment of the SWD facility. Permission was also requested to install 20-mil, string-reinforced liners on the floors of the North and South Excavations atop impacted soil affected above the NMOCD Closure Criteria. The requests were subsequently denied by the NMOCD, with mandates to (a) more clearly identify areas on the production pad requiring major reconstruction, as deferral of the entire pad was not permissible, and (b) perform a more thorough investigation to determine the concentrations of contaminants of concern at and below four (4) feet bgs to remain in-situ beneath the proposed liners.

On August 10, 2022, in accordance with the NMOCD, Etech advanced test trenches in the areas characterized by sample points SP1, SP2, SP3, SP4, SP7, and SP8 in an effort to further characterize the affected soil to remain in-situ beneath the proposed liners. The trenches were advanced in one (1) foot increments to total depths ranging from five (5) feet bgs (SP3 and SP7) to 13 feet bgs (SP2). During the advancement of the test trenches, soil samples were collected and field-screened for concentrations of chloride utilizing a chloride test kit and/or the presence of VOCs utilizing olfactory/visual senses.

Based on field observations and field test data, a total of 25 delineation soil samples (SP 1 @ 5' through SP 1 @ 7', SP 2 @ 4' through SP 2 @ 13', SP 3 @ 4', SP 3 @ 5', SP 4 @ 4' through SP 4 @ 7', SP 7 @ 4', SP 7 @ 5', and SP 8 @ 4' through SP 8 @ 7') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH,

and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also less than the laboratory MDL, with the exception of soil sample SP 2 @ 13', which exhibited a TPH concentration of 137 mg/kg. Chloride concentrations ranged from 32.0 mg/kg in soil sample DFS 2 @ 1' to 19,300 mg/kg in soil sample DFS 3 @ Surface. Based on laboratory analytical data, impacted soil to remain in-situ beneath the proposed liners was adequately characterized.

On September 2, 2022, Etech advanced a hand-augered soil bore in the area characterized by sample point SP6 in an effort to further characterize the affected soil to remain in-situ beneath the proposed liner in the South Excavation. The soil bore was advanced in two (2) foot increments to a total depth of six (6) feet bgs, and two (2) delineation soil samples (SP6 @ 4' and SP6 @ 6') were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL in each of the submitted soil samples, with the exception of soil sample SP6 @ 4', which exhibited a chloride concentration of 32.0 mg/kg. Based on laboratory analytical data, impacted soil to remain in-situ beneath the proposed liner in the South Excavation was adequately characterized.

On September 9, 2022, based on laboratory analytical results, field observations, and in-situ chloride migration modeling, Mewbourne submitted a *Remediation Summary, Variance & Deferral Request (Revised)* (henceforth, "Deferral Request") to the NMOCD requesting approval to defer remediation of chloride-impacted soil affected above the NMOCD Closure Criteria remaining in-situ in the area characterized by sample points DFS5 and DFS6 (henceforth, "Deferral Area") until decommissioning and abandonment of the SWD facility. Permission was also requested to install 20-mil, string-reinforced liners on the floors of the North and South Excavations atop impacted soil affected above the NMOCD Closure Criteria. The requests were subsequently approved by the NMOCD. For additional information, please reference the *Deferral Request*, which is available in the NMOCD Imaging System.

On September 27, 2022, upon receiving NMOCD approval of the *Deferral Request*, a 20-mil polyurethane liner was installed on the floors of the North and South Excavations atop impacted soil affected above the NMOCD Closure Criteria. The liners were sloped to facilitate shedding of moisture outside the footprints of the excavations and the maximum horizontal extents of in-situ impacted soil. During the installation of the liners, an approximately 6-inch layer of pad material was installed both above and below the liners in an effort to maintain their integrity during backfilling activities. These engineered controls are designed to inhibit the vertical migration of chloride contamination remaining in-situ.

On October 10, 2022, Etech commenced remediation of the affected area in the Pad. In accordance with the NMOCD-approved *Deferral Request*, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards 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 sidewalls and floor of the excavated area were advanced until field tests and field observations suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards. Representative five-point composite confirmation soil samples were collected every 200 square feet from the sidewalls and floor of the excavated area to be submitted for laboratory analysis.

On October 10, 2022, Etech collected 14 confirmation soil samples (PNW 2, PEW 1, PEW 2, PSW 1, and PF 1 @ 4' through PF 10 @ 4') from the sidewalls and floor of the Pad Excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX and TPH concentrations were below the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL in each of the submitted soil samples. Chloride concentrations ranged from 48.0 mg/kg in soil sample PF 10 @ 4' to 2,680 mg/kg in soil sample PF 6 @ 4'. Chloride concentrations in soil samples PF 1 @ 4', PF 3 @ 4', PF 6 @ 4', and PF 7 @ 4' exceeded the NMOCD Closure Criterion and NMOCD Reclamation Standard. Based on these laboratory analytical results, the excavation was subsequently further advanced in the areas characterized by soil samples PF 1 @ 4', PF 3 @ 4', PF 5 @ 4', PF 6 @ 4', and PF 7 @ 4'.

On October 14, 2022, Etech collected six (6) confirmation soil samples (PNW 3, PEW 3, PEW 4, PWW 1, PWW 2, and PWW 3) from the sidewalls of the Pad Excavation. 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 NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also less than the applicable laboratory MDL. Chloride concentrations ranged from 32.0 mg/kg in soil sample PWW 2 to 432 mg/kg in soil sample PWW 3.

On October 21, 2022, Etech collected 37 confirmation soil samples (PEW 5, PEW 6, and PF 11 @ 4' through PF 45) from the sidewalls and floor of the Pad Excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX and TPH concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also less than the applicable laboratory MDL, with the exception of soil sample PF 38 @ 4', which exhibited a TPH concentration of 10.9 mg/kg. Chloride concentrations ranged from 48.0 mg/kg in soil samples PF 26 @ 4', PF 27 @ 4', and PF 35 @ 4' to 2,600 mg/kg in soil sample PF 40 @ 4'. Chloride concentrations in soil samples PF 12 @ 4', PF 13 @ 4', PF 14 @ 4', PF 16 @ 4', PF 16 @ 4', PF 16 @ 4', PF 37 @ 4', PF 37 @ 4', PF 38 @ 4', PF

On October 25, 2022, Etech collected 21 confirmation soil samples (PNW 3, PNW 4, PNW 5, PSW 2, PSW 3, PSW 4, PWW 4 through PWW 7, and PF 66 @ 0"-6" through PF 76 @ 0"-6") from the sidewalls and floor of the Pad Excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX concentrations were also less than the laboratory MDL. TPH concentrations ranged from less than the laboratory MDL in soil samples PSW 3, PSW 4, PWW 4, and PF 66 @ 0"-6" through PF 76 @ 0"-6" to 1,702 mg/kg in soil sample PWW 6. TPH concentrations in soil samples PNW 3 and PWW 6 exceeded the NMOCD Closure Criterion and NMOCD Reclamation Standard. Chloride concentrations ranged from 64.0 mg/kg in soil samples PNW 3, PNW 4, and PSW 4 to 512 mg/kg in soil sample PNW 5. Based on these laboratory analytical results, the excavation was subsequently further advanced in the areas characterized by soil samples PNW 3 and PWW 6.

On October 26, 2022, Etech collected nine (9) confirmation soil samples (PNW 1 - LEFT 32', PNW 1 - RIGHT 32', PNW 6, and PF 88 @ 1' through PF 93 @ 1') from the sidewalls and floor of the Pad Excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX concentrations were also less than the laboratory MDL. TPH concentrations ranged from less than the laboratory MDL in soil samples PNW 6, PF 90 @ 1', PF 91 @ 1', PF 92 @ 1', and PF 93 @ 1' to 1,364 mg/kg in soil sample PF 89 @ 1'. TPH concentrations in soil samples PNW 1 - LEFT 32', PNW 1 - RIGHT 32', and PF 89 @ 1' exceeded the NMOCD Closure Criterion and/or NMOCD Reclamation Standard. Chloride concentrations ranged from 32.0 mg/kg in soil sample PF 89 @ 1' to 592 mg/kg in soil sample PF 92 @ 1'. Based on these laboratory analytical results, the excavation was subsequently further advanced in the areas characterized by soil samples PNW 1 - LEFT 32', PNW 1 - RIGHT 32', and PF 89 @ 1'.

On October 27, 2022, Etech collected 10 confirmation soil samples (PF 77 @ 4' through PF 86 @ 4') from the floor of the Pad Excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX and TPH concentrations were below the applicable NMOCD Closure Criteria, NMOCD Reclamation Standards, and laboratory MDL in each of the submitted soil samples. Chloride concentrations ranged from 144 mg/kg in soil samples PF 82 @ 4' and PF 83 @ 4' to 1,260 mg/kg in soil sample PF 78 @ 4'. Chloride concentrations in soil samples PF 77 @ 4', PF 79 @ 4', PF 80 @ 3', and PF 84 @ 4' exceeded the NMOCD Closure Criterion and/or NMOCD Reclamation Standard. Based on these laboratory analytical results, the excavation was subsequently further advanced in the areas characterized by soil samples PF 77 @ 4' through PF 80 @ 3' and PF 84 @ 4'.

On October 28, 2022, Etech collected 13 confirmation soil samples (PF 87 @ 3' and PF 94 @ 1' through PF 105 @ 1') from the floor of the Pad Excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX concentrations were below the NMOCD Closure Criterion and NMOCD Reclamation Standard in each of the submitted soil samples. BTEX concentrations were also less than the laboratory MDL in a majority of the submitted soil samples, with the exception of samples PF 98 @ 4' and PF 105 @ 1', which exhibited concentrations of 1.87 mg/kg and 3.26 mg/kg, respectively. TPH concentrations ranged from less than the laboratory MDL in soil samples PF 87 @ 3', PF 94 @ 1', PF 95 @ 4', PF 96 @ 4', and PF 99 @ 4' through PF 103 @ 4' to 7,570 mg/kg in soil sample PF 105 @ 1'. TPH concentrations in soil samples PF 97 @ 1', PF 98 @ 4', and PF 105 @ 1' exceeded the NMOCD Closure Criterion and/or NMOCD Reclamation Standard. Chloride concentrations ranged from 80.0 mg/kg in soil sample PF 105 @ 1' to 1,630 mg/kg in soil sample PF 98 @ 4'. Chloride concentrations in soil samples PF 87 @ 3', PF 95 @ 4', PF 96 @ 4', PF 98 @ 4', PF 99 @ 4', and PF 104 @ 4' exceeded the NMOCD Closure Criterion and/or NMOCD Reclamation Standard. Based on these laboratory analytical results, the excavation was subsequently further advanced in the areas characterized by soil samples PF 87 @ 3', PF 95 @ 4' through PF 99 @ 4', PF 104 @ 4', and PF 105 @ 1'.

On October 31, 2022, Etech collected 22 confirmation soil samples (PNW 7, PEW 7, and PF 46 @ 1.5' through PF 65 @ 1.5') from the sidewalls and floor of the Pad Excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples. BTEX concentrations were also less than the laboratory MDL. TPH concentrations ranged from less than the laboratory MDL in soil samples PEW 7, PF 48 @ 1.5', PF 50 @ 1.5', PF 53 @ 1.5', PF 54 @ 1.5', PF 55 @ 1.5', PF 58 @ 1.5', PF 60 @ 1.5', and PF 63 @ 1.5' to 1,059 mg/kg in soil sample PF 46 @ 1.5'. TPH concentrations in soil samples PNW 7, PF 46 @ 1.5', PF 47 @ 1.5', PF 52 @ 1.5', PF 57 @ 1.5', PF 59 @ 1.5', PF 61 @ 1.5', and PF 64 @ 1.5' exceeded the NMOCD Closure Criterion and NMOCD Reclamation Standard. Chloride concentrations ranged from 80.0 mg/kg in soil sample PF 63 @ 1.5' to 576 mg/kg in soil sample PF 53 @ 1.5'. Based on these laboratory analytical results, the excavation was subsequently further advanced in the areas characterized by soil samples PNW 7, PF 46 @ 1.5', PF 47 @ 1.5', PF 49 @ 1.5', PF 52 @ 1.5', PF 57 @ 1.5', PF 59 @ 1.5', PF 61 @ 1.5', and PF 64 @ 1.5'.

On November 3, 2022, Etech collected 12 confirmation soil samples (PWW 6-A, PF 12 @ 7', PF 13 @ 7', PF 14 @ 7', PF 16 @ 5', PF 20 @ 5', PF 33 @ 5', PF 36 @ 6', PF 37 @ 6', PF 38 @ 6', PF 40 @ 6', and PF 89 @ 2') from the sidewalls and floor of the Pad Excavation. The soil samples were submitted to the laboratory for analysis chloride. Soil samples PWWW-6A and PF 89 @ 2' were also analyzed for concentrations of TPH. Laboratory analytical results indicated that chloride concentrations were below the applicable NMOCD Closure Criterion and/or NMOCD Reclamation Standard in each of the submitted soil samples and ranged from 64.0 mg/kg in soil sample PF 20 @ 5' to 384 mg/kg in soil sample PF 16 @ 5'. The TPH concentrations in soil samples PWWW-6A and PF 89 @ 2' were 33.2 mg/kg and less than the laboratory MDL, respectively, which were below the NMOCD Closure Criterion and NMOCD Reclamation Standard.

On November 4, 2022, Etech collected one (1) confirmation soil sample (PF 43 @ 6') from the floor of the Pad Excavation. The soil sample was submitted to the laboratory for analysis of chloride. Laboratory analytical results indicated that the chloride concentration was 288 mg/kg and below the NMOCD Closure Criterion.

On November 7, 2022, Etech collected seven (7) confirmation soil samples (PNW 1 - LEFT 32-A, PNW 1 - RIGHT 32-A, PF 1 @ 6', PF 3 @ 6', PF 5 @ 6', PF 6 @ 6', and PF 7 @ 6') from the sidewalls and floor of the Pad Excavation. The soil samples were submitted to the laboratory for analysis of chloride. Soil samples PNW 1 - LEFT 32-A and PNW 1 - RIGHT 32-A were also analyzed for concentrations of TPH. Laboratory analytical results indicated that chloride concentrations were below the applicable NMOCD Closure Criterion and/or NMOCD Reclamation Standard in each of the submitted soil samples and ranged from 64.0 mg/kg in soil sample PF 1 @ 6' to 512 mg/kg in soil sample PF 5 @ 6'. The TPH concentrations in soil samples PNW 1 - LEFT 32-A and PNW 1 - RIGHT 32-A were 37.9 mg/kg and less than the laboratory MDL, respectively, which were below the NMOCD Closure Criterion.

On November 8, 2022, Etech collected 10 confirmation soil samples (PF 77 @ 8' through PF 80 @ 8', PF 84 @ 5', PF 87 @ 5', PF 95 @ 6', PF 96 @ 5', PF 98 @ 5', and PF 99 @ 6') from the floor of the Pad Excavation. The soil samples were submitted to

the laboratory for analysis of chloride. Soil sample PF 98 @ 5' was also analyzed for concentrations of TPH. Laboratory analytical results indicated that chloride concentrations were below the applicable NMOCD Closure Criterion and NMOCD Reclamation Standard in each of the submitted soil samples and ranged from 48.0 mg/kg in soil sample PF 79 @ 8' to 464 mg/kg in soil sample PF 78 @ 8'. The TPH concentration in soil sample PF 98 @ 5' was below both the NMOCD Closure Criterion and laboratory MDL.

On November 9, 2022, Etech collected 12 confirmation soil samples (PNW 7-A, PF 46 @ 2.5', PF 47 @ 2.5', PF 49 @ 2.5', PF 52 @ 2.5', PF 57 @ 2.5', PF 59 @ 2.5', PF 61 @ 2.5', PF 64 @ 2.5', PF 97 @ 2', PF 104 @ 5', and PF 105 @ 2') from the sidewalls and floor of the Pad Excavation. Soil samples PNW 7-A, PF 46 @ 2.5', PF 47 @ 2.5', PF 49 @ 2.5', PF 52 @ 2.5', PF 57 @ 2.5', PF 59 @ 2.5', PF 61 @ 2.5', PF 64 @ 2.5', PF 97 @ 2', and PF 105 @ 2' were submitted to the laboratory for analysis of TPH. Soil sample PF 104 @ 5' was submitted for analysis of chloride. Laboratory analytical results indicated that TPH concentrations were below the applicable NMOCD Closure Criteria, NMOCD Reclamation Standard, and laboratory MDL in each of the submitted soil samples. The chloride concentration in soil sample PF 104 @ 5' was 112 mg/kg, which was below the NMOCD Closure Criterion.

On November 10, 2022, Etech collected one (1) confirmation soil sample (PNW 3-A) from the sidewall of the Pad Excavation. The soil sample was submitted to the laboratory for analysis of TPH. Laboratory analytical results indicated that the TPH concentration was 44.7 mg/kg and below the NMOCD Closure Criterion and NMOCD Reclamation Standard.

The final dimensions of the North Excavation were approximately 436 feet in length, 10 to 20 feet in width, and four (4) feet in depth. The final dimensions of the South Excavation were approximately 90 to 324 feet in length, 10 to 80 feet in width, and four (4) feet in depth. The final dimensions of the Pad Excavation were approximately 42 to 234 feet in length, 17 to 128 feet in width, and six (6) inches to eight (8) feet in depth. During the course of remediation activities, Etech transported approximately 10,380 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 10,380 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

The extents of the North, South, and Pad Excavations, along with the Deferral Area and the locations of the confirmation and deferral characterization samples are depicted in Figures 3A and 3B. Soil chemistry data is summarized in Table 1. Field data is provided in Appendix B. General photographs of the site are provided in Appendix C. Laboratory analytical reports are provided in Appendix G.

6.0 DEFERRAL REQUEST

Pursuant to the NMOCD-approved *Deferral Request*, remediation of impacted soil affected above the NMOCD Closure Criteria remaining in-situ in the Deferral Area will be completed upon decommissioning and abandonment of the SWD facility, in accordance with Sections 19.15.29.12 and 19.15.29.13 NMAC.

7.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

Areas affected by remediation and closure activities were substantially restored to the condition that existed prior to the release, to the extent practicable. Excavated areas were backfilled with locally sourced, non-impacted, "like" material placed 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. Affected areas not on production pads, pipeline rights-of-way, and/or lease roads will be reseeded with an agency and/or landowner-approved seed mixture during the first favorable growing season following closure of the site. Final reclamation and re-vegetation of the Pad and Deferral Area will be conducted upon decommissioning and abandonment of the active SWD facility.

8.0 LIMITATIONS

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

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

Hobbs Field Office

New Mexico State Land Office 2827 North Dal Paso Street Suite 117 Hobbs, NM 88240

(Electronic Submission)

Figure 1 Topographic Map

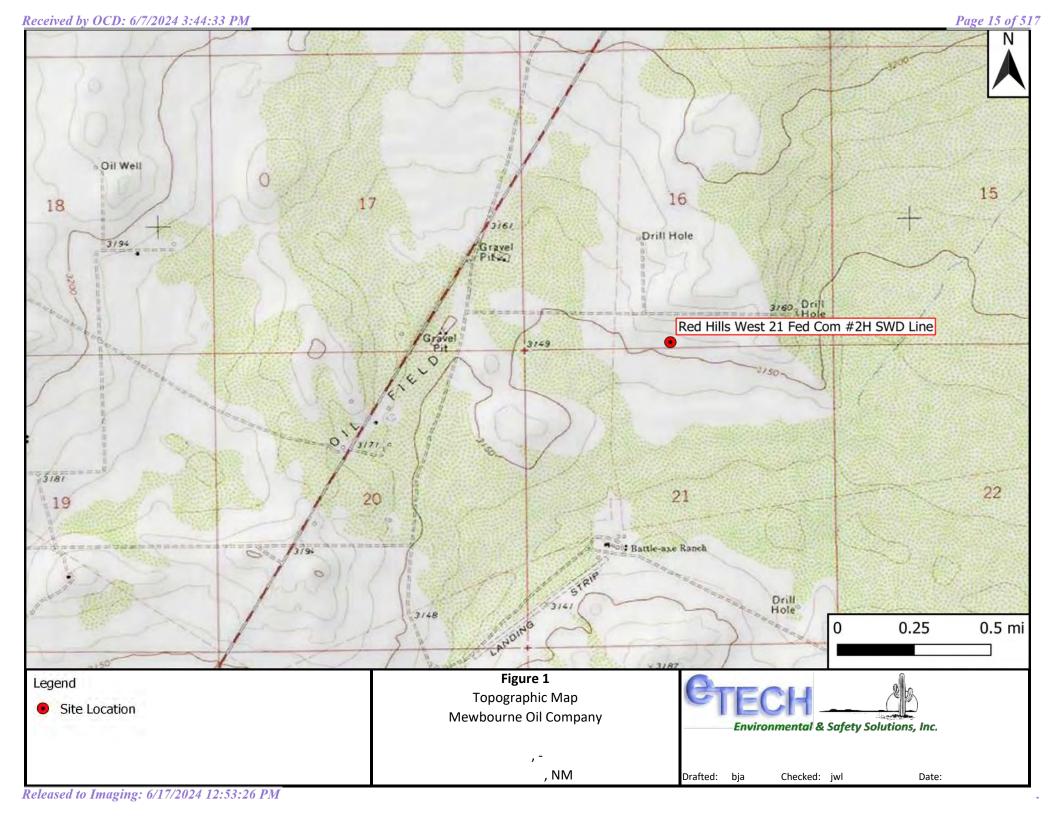


Figure 2 Aerial Proximity Map

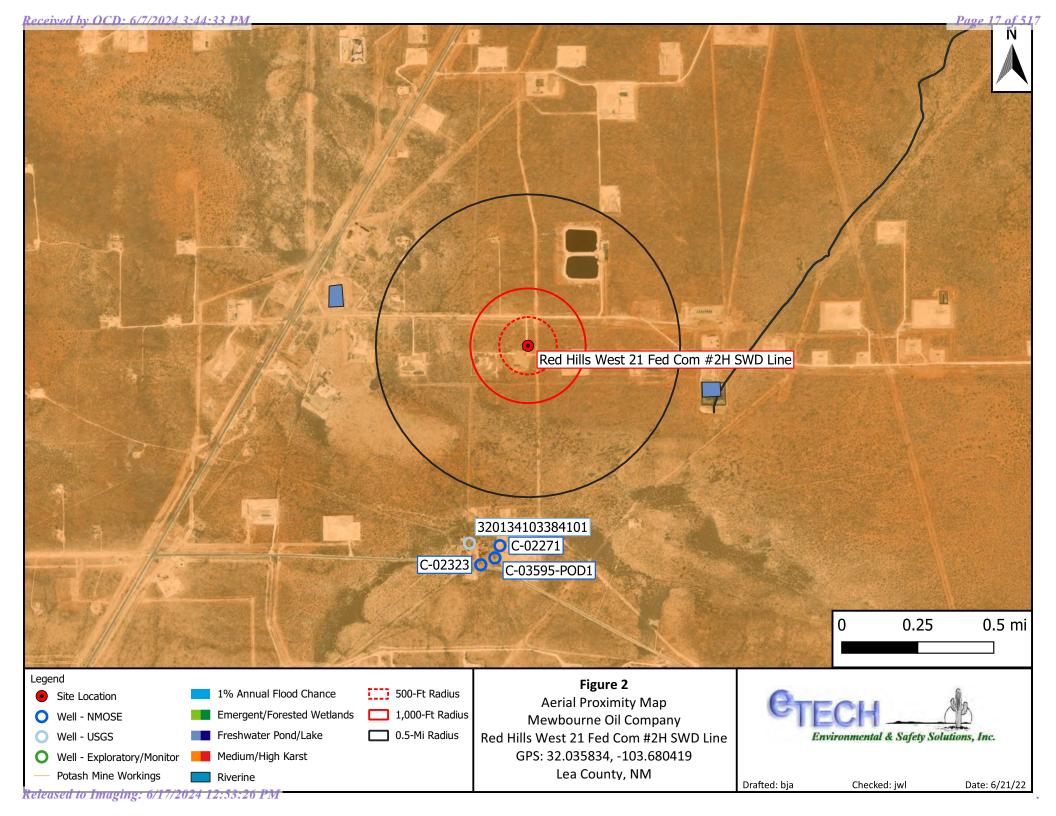


Figure 3 Site & Sample Location Map



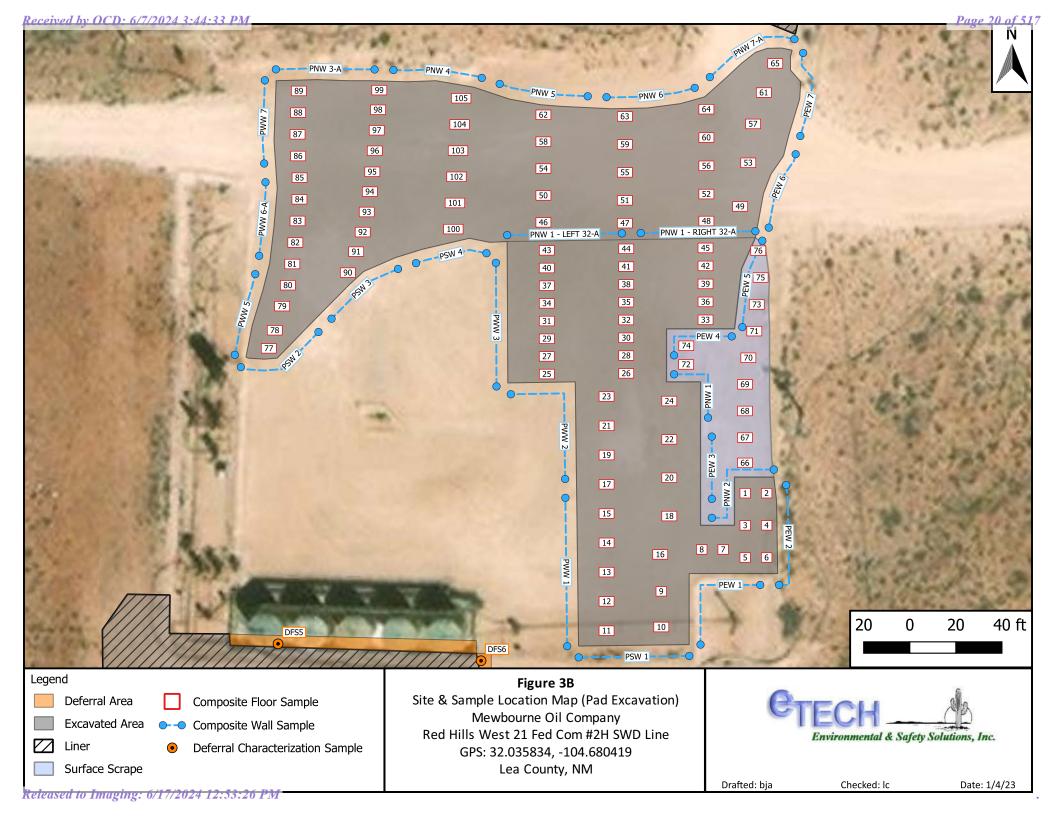


Table 1 Concentrations of BTEX, TPH & Chloride in Soil

					Table 1						
			Concentr	ations of			oride in So	il			
				Mewbo	ourne Oil (Company					
			Red H	lills West	21 Fed Co	m #2H SV	WD Line				
			N	MOCD R	ef. #: nAP	P2120041	782				
NMO	CD Closure C	riteria		10	50	N/A	N/A	N/A	N/A	100	600
NMOCI	Reclamation	Standard		10	50	N/A	N/A	N/A	N/A	100	600
				SW 840	6 8021B		SW	846 8015M	Ext.	1	4500 Cl
Sample ID	Date	Depth	Soil Status	Benzene	BTEX	GRO	DRO	GRO+ DRO	ORO	TPH	Chloride
•		(Feet)		(mg/kg)	(mg/kg)	C ₆ -C ₁₀ (mg/kg)	C ₁₀ -C ₂₈	C ₆ -C ₂₈	C ₂₈ -C ₃₆	C ₆ -C ₃₆ (mg/kg)	(mg/kg)
				ъ			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
NH1 @ Surf.	3/3/2022	0	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NH1 @ Suri. NH1 @ 1'	3/3/2022	1	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EH1 @ Surf.	3/3/2022	0	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EH1 @ 1'	3/3/2022	1	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EH2 @ Surf.	3/3/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EH2 @ 1'	3/3/2022	1	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EH3 @ Surf.	3/3/2022	0	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EH3 @ 1'	3/3/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EH4 @ Surf.	3/3/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EH4 @ 1'	3/3/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EH5 @ Surf.	3/4/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EH5 @ 1'	3/4/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SH1 @ Surf.	3/4/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
SH1 @ 1'	3/4/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WH1 @ Surf.	3/4/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WH1 @ 1'	3/4/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WH2 @ Surf.	3/4/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WH2 @ 1'	3/4/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WH3 @ Surf.	3/4/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WH3 @ 1'	3/4/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WH4 @ Surf.	3/4/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WH4 @ 1'	3/4/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WH5 @ Surf.	3/4/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
WH5 @ 1'	3/4/2022	1	In-Situ	< 0.050	< 0.300	<10.0	21.8	21.8	<10.0	21.8	48.0
SP1 @ Surf.	3/3/2022	0	Excavated	< 0.050	< 0.300	<10.0	57.6	57.6	12.3	69.9	1,490
SP1 @ 4'	8/10/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,080
SP1 @ 5'	8/10/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,200
SP1 @ 6'	8/10/2022	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,870
SP1 @ 7'	8/10/2022	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,120
SP1 @ 8'	3/3/2022	8	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP2 @ Surf.	3/3/2022	0	Excavated	< 0.050	<0.300	<10.0	33.9	33.9	<10.0	33.9	336
SP2 @ 4'	8/10/2022	4	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	704
SP2 @ 5'	8/10/2022	5	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,710
SP2 @ 6'	8/10/2022	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,710
SP2 @ 7'	8/10/2022	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,210
SP2 @ 8'	8/10/2022	8	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,320
SP2 @ 9' SP2 @ 10'	8/10/2022 8/10/2022	10	In-Situ In-Situ	<0.050	<0.300	<10.0 <10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0 <30.0	6,240
SP2 @ 10' SP2 @ 11'	8/10/2022	11	In-Situ In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,800
SP2 @ 11 SP2 @ 12'	8/10/2022	12	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,160 2,160
SP2 @ 12 SP2 @ 13'	8/10/2022	13	In-Situ In-Situ	< 0.050	< 0.300	<10.0	73.2	73.2	64.0	137	1,410
SP2 @ 14'	3/3/2022	14	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SP3 @ Surf.	3/3/2022	0	Excavated	< 0.050	< 0.300	<10.0	23.1	23.1	<10.0	23.1	2,600
51 5 W 5u11.	31312022	U	LACAVATCA	₹0.050	\0.300	10.0	43.1	43.1	10.0	43.1	2,000

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

NMOCD Ref. #: nAPP2120041782											
	CD Closure C			10	50	N/A	N/A	N/A	N/A	100	600
NMOCD	Reclamation	Standard	1	10	50	N/A	N/A	N/A	N/A	100	600
				SW 840	6 8021B		SW	846 8015M	Ext.	1	4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C6-C28 (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
SP3 @ 4'	8/10/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	672
SP3 @ 5'	8/10/2022	5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	704
SP3 @ 6'	3/3/2022	6	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SP4 @ Surf.	3/3/2022	0	Excavated	< 0.050	< 0.300	<10.0	178	178	81.6	260	1,620
SP4 @ 4'	3/3/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	592
SP4 @ 4'	8/10/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
SP4 @ 5'	8/10/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
SP4 @ 6'	8/10/2022	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
SP4 @ 7'	8/10/2022	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
SP5 @ Surf.	3/4/2022	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,520
SP5 @ 4'	3/4/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SP6 @ Surf.	3/4/2022	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,080
SP6 @ 4'	9/2/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SP6 @ 6'	9/2/2022	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	<16
SP6 @ 8'	3/4/2022	8	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	464
SP7 @ Surf.	3/4/2022	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	6,560
SP7 @ 4'	8/10/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	3,600
SP7 @ 5'	8/10/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,720
SP7 @ 6'	3/4/2022	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
SP8 @ Surf.	3/4/2022	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,800
SP8 @ 4'	8/10/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,080
SP8 @ 5'	8/10/2022	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	736
SP8 @ 6'	8/10/2022	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,040
SP8 @ 7'	8/10/2022	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
SP8 @ 8'	3/4/2022	8	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	64.0
OSS @ Sur.	6/16/2022	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
OSS @ 1	6/16/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	112
				Deferral (Characteriza	tion Samples					
DFS 1 @ Surf.	5/27/2022	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,700
DFS 1 @ 4'	5/27/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	992
DFS 1 @ 6'	5/27/2022	6	Excavated	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	1,040
DFS 1 @ 8'	5/27/2022	8	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	800
DFS 1 @ 9'	5/27/2022	9	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	400
DFS 2 @ Surf.	5/27/2022	0	In-Situ	< 0.050	< 0.300	<10.0	11.3	11.3	<10.0	11.3	592
DFS 2 @ 1'	5/27/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
DFS 2 @ 2'	5/27/2022	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
DFS 2 @ 3'	5/27/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	80.0
DFS 3 @ Surf.	5/27/2022	0	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	19,300
DFS 3 @ 3'	5/27/2022	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
DFS 3 @ 4'	5/27/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
DFS 4 @ Surf.	5/27/2022	0	Excavated	< 0.050	< 0.300	<10.0	316	316	117	433	240
DFS 4 @ 1'	5/27/2022	1	Excavated	< 0.050	< 0.300	<10.0	75.8	75.8	16.6	92.4	176
DFS 4 @ 2'	5/27/2022	2	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
DFS 4 @ 3'	5/27/2022	3	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304

NMOCD Ref. #: nAPP2120041782											
NMO	CD Closure Ci	riteria		10	50	N/A	N/A	N/A	N/A	100	600
NMOCD	Reclamation	Standard		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	Soil Status	Benzene	BTEX	GRO	DRO	GRO + DRO	ORO	TPH	Chloride
•		(Feet)		(mg/kg)	(mg/kg)	C ₆ -C ₁₀	C ₁₀ -C ₂₈	C ₆ -C ₂₈	C ₂₈ -C ₃₆	C ₆ -C ₃₆	(mg/kg)
						(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
DFS 4 @ 4'	5/27/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	592
DFS 5 @ Surf.	5/27/2022	0	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	6,800
DFS 5 @ 1'	5/27/2022	1	Deferral	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	816
DFS 5 @ 2'	5/27/2022	2	Deferral	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,440
DFS 5 @ 3'	5/27/2022	3	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,760
DFS 5 @ 4'	5/27/2022	4	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
DFS 5 @ 6'	5/27/2022	6	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,520
DFS 5 @ 8'	5/27/2022	8	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,520
DFS 5 @ 10'	5/27/2022	10	Deferral	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
DFS 5 @ 12'	5/27/2022	12	Deferral	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
DFS 5 @ 14'	5/27/2022	14	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
DFS 6 @ Surf.	5/27/2022	0	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,040
DFS 6 @ 4'	5/27/2022	4	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,520
DFS 6 @ 6'	5/27/2022	6	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,300
DFS 6 @ 8'	5/27/2022	8	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,440
DFS 6 @ 12'	5/27/2022	12	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,710
DFS 6 @ 14'	5/27/2022	14	Deferral	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,540
DFS 6 @ 16'	5/27/2022	16	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
DFS 6 @ 18'	5/27/2022	18	Deferral	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
DFS 6 @ 20'	5/27/2022	20	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
DFS 6 @ 22'	5/27/2022	22	Deferral	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
NW 7	6/16/2022	0-4	In-Situ	<0.050	Samples - N	<10.0	<10.0	<20.0	<10.0	<30.0	144
EW 15A	6/13/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
EW 15A EW 16A	6/13/2022	0-4	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
EW 17B	6/13/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
EW 17B EW 18A	6/13/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EW 18A EW 19A	6/16/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
EW 20A	6/16/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
EW 20A EW 21	6/16/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
EW 21 EW 22	6/22/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WW 16B	6/13/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
WW 17B	6/13/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
WW 18B	6/13/2022	0-4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640
WW 18C	6/20/2022	0-4	In-Situ	-	-	-	-	-	-	-	48.0
WW 19B	6/13/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
WW 20B	6/13/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
WW 21	6/16/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
WW 22B	6/16/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
	U. 10/2022	, , ,			Samples - S			20.0	10.0	50.0	112
NW 1A	5/11/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 2C	5/13/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 3B	5/13/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 4	5/17/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144

NMOCD Ref. #: nAPP2120041782											
NMO	CD Closure Ci	riteria		10	50	N/A	N/A	N/A	N/A	100	600
NMOCI	Reclamation S	Standard		10	50	N/A	N/A	N/A	N/A	100	600
				SW 840	6 8021B		SW	846 8015M	Ext.	Ť	4500 Cl
Sample ID	Date	Depth (Feet)	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)
NW 5A	5/20/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 6	5/26/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
EW 1B	5/13/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
EW 2B	5/13/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 3A	5/13/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EW 4	5/17/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 5	5/17/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 6A	5/17/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	112
EW 7B	5/20/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	32.0
EW 8B	5/20/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	112
EW 9A	5/26/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 10B	5/26/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EW 11A	5/26/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 12A	5/26/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
EW 13	6/9/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW 14	6/9/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 1B	5/11/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
SW 2B	5/11/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
SW 3B	5/11/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
SW 4A	5/13/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
SW 5A	5/13/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
SW 6A	5/20/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 7A	5/20/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW 8A	5/26/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 9B	5/26/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW 10	5/26/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
SW 11C	5/26/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
SW 12	6/9/2022	0-4	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW 13	6/9/2022	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WW 1E	5/11/2022	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WW 2A	5/11/2022	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 3B	5/13/2022	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WW 4	5/13/2022	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW 5	5/17/2022	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
WW 6	5/17/2022	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WW 7	5/17/2022	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WW 8B	5/20/2022	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
WW 9A	5/20/2022	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
WW 10 WW 11B	5/26/2022 5/26/2022	0-4	In-Situ In-Situ	<0.050	<0.300	<10.0 <10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0 <30.0	128 32.0
WW 11B	5/26/2022	0-4	In-Situ In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WW 12A WW 13A	5/26/2022	0-4	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	528
WW 14	5/26/2022	0-4	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
WW 14 WW 15	5/26/2022	0-4	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
VV VV 13	3/20/2022	0-4	111-51tu	~0.030	\v.300	\1U.U	\1U.U	\ <u></u>	\1U.U	\JU.U	312

					Table 1						
			Concentr	ations of	BTEX, TP	H & Chlo	oride in So	il			
				Mewbo	ourne Oil (Company					
					21 Fed Co						
277.00			N		ef. #: nAP					1	l
	CD Closure Ci			10	50	N/A	N/A	N/A	N/A	100	600
NMOCD	Reclamation S	Standard		10	50	N/A	N/A	N/A	N/A	100	600
		D. Al		5W 840	5 8021B			846 8015M GRO +			4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene	BTEX	GRO C ₆ -C ₁₀	DRO C ₁₀ -C ₂₈	DRO	ORO C ₂₈ -C ₃₆	ТРН С ₆ -С ₃₆	Chloride
		, ,		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	C ₆ -C ₂₈	(mg/kg)	(mg/kg)	(mg/kg)
				Confirmatio	n Samples - l	Pad Excavati	on	(mg/kg)			<u> </u>
PNW 1 - LEFT 32'	10/26/2022	0-6	Excavated	< 0.025	< 0.150	<10.0	612	612	178	790	240
PNW 1 - LEFT 32-A	11/7/2022	0-6	In-Situ	-	-	<10.0	37.9	37.9	<10.0	37.9	-
PNW 1 - RIGHT 32'	10/26/2022	0-6	Excavated	< 0.025	< 0.150	<10.0	121	121	20.0	141	80.0
PNW 1 - RIGHT 32-A	11/7/2022	0-6	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
PNW 2	10/10/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
PNW 3	10/14/2022	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
PNW 3	10/25/2022	0-0.5	Excavated	< 0.025	< 0.150	<10.0	476	476	108	584	64.0
PNW 3-A	11/10/2022	0-0.5	In-Situ	-	-	<10.0	44.7	44.7	<10.0	44.7	-
PNW 4	10/25/2022	0-0.5	In-Situ	< 0.025	< 0.150	<10.0	38.1	38.1	<10.0	38.1	64.0
PNW 5	10/25/2022	0-0.5	In-Situ	< 0.025	< 0.150	<10.0	69.1	69.1	10.2	79.3	512
PNW 6	10/26/2022	0-2.5	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	160
PNW 7	10/31/2022	0-1.5	Excavated	< 0.050	< 0.300	<10.0	247	247	61.0	308	192
PNW 7-A	11/9/2022	0-1.5	In-Situ	- 0.50	- 200	<10.0	<10.0	<20.0	<10.0	<30.0	-
PEW 1	10/10/2022	0-4	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
PEW 2	10/10/2022	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
PEW 3 PEW 4	10/14/2022	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
PEW 4 PEW 5	10/14/2022 10/21/2022		In-Situ In-Situ	<0.050	<0.300	<10.0 <10.0	<10.0	<20.0	<10.0	<30.0 <30.0	368 272
PEW 5	10/21/2022	0-6 0-2.5	In-Situ In-Situ	<0.050	<0.300	<10.0	<10.0 <10.0	<20.0 <20.0	<10.0 <10.0	<30.0	256
PEW 7	10/21/2022	0-2.5	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
PSW 1	10/31/2022	0-1.5	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
PSW 2	10/25/2022	0-0.5	In-Situ	< 0.025	< 0.150	<10.0	34.5	34.5	13.2	47.7	368
PSW 3	10/25/2022	0-0.5	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
PSW 4	10/25/2022			< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
PWW 1	10/14/2022	0-7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
PWW 2	10/14/2022	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
PWW 3	10/14/2022	0-6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
PWW 4	10/25/2022	0-0.5	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	192
PWW 5	10/25/2022	0-0.5	In-Situ	< 0.025	< 0.150	<10.0	41.9	41.9	11.7	53.6	320
PWW 6	10/25/2022	0-0.5	Excavated	< 0.025	< 0.150	<10.0	1,280	1,280	422	1,700	176
PWW 6-A	11/3/2022	0-0.5	In-Situ	-	-	<10.0	33.2	33.2	<10.0	33.2	_
PWW 7	10/25/2022	0-0.5	In-Situ	< 0.025	< 0.150	<10.0	60.3	60.3	25.3	85.6	352
PF 1 @ 4'	10/10/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,460
PF 1 @ 6'	11/7/2022	6	In-Situ	ı	-	-	-	-	-	-	64.0
PF 2 @ 4'	10/10/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
PF 3 @ 4'	10/10/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,220
PF 3 @ 6'	11/7/2022	6	In-Situ	-	-	-	-	-	-	-	160
PF 4 @ 4'	10/10/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
PF 5 @ 4'	10/10/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,840
PF 5 @ 6'	11/7/2022	6	In-Situ	-0.050	-0.200	- 10.0	- 10.0	-	- 10.0		512
PF 6 @ 4'	10/10/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,680
PF 6 @ 6'	11/7/2022	6	In-Situ	<0.050	-0.200	<10.0	- <10.0		<10.0	-20.0	192
PF 7 @ 4'	10/10/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	1,340

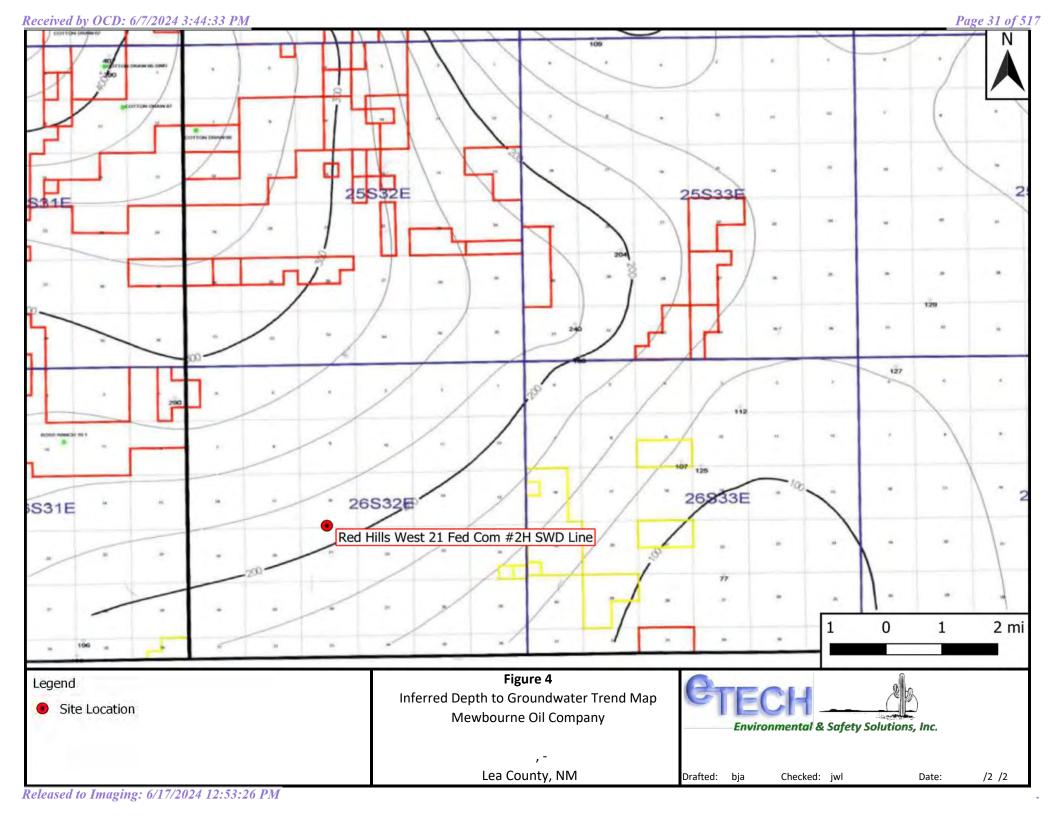
Dash (-): Sample not analyzed for that constituent. **Bold:** NMOCD Closure Criteria exceedance. **Red:** NMOCD Reclamation Standard exceedance.

NMOCD Ref. #: nAPP2120041782											ı
	CD Closure C			10	50	N/A	N/A	N/A	N/A	100	600
NMOCD	Reclamation	Standard	1	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)	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	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
PF 7 @ 6'	11/7/2022	6	In-Situ	-	_	_	-	(mg/kg) -	-	-	416
PF 8 @ 4'	10/10/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
PF 9 @ 4'	10/10/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	528
PF 10 @ 4'	10/10/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
PF 11 @ 4'	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
PF 12 @ 4'	10/21/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	672
PF 12 @ 7'	11/3/2022	7	In-Situ	-	-	-	-	-	-	-	144
PF 13 @ 4'	10/21/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	608
PF 13 @ 7'	11/3/2022	7	In-Situ	-	-	-	-	-	-	-	368
PF 14 @ 4'	10/21/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,240
PF 14 @ 7'	11/3/2022	7	In-Situ	-	-	-	-	-	-	-	304
PF 15 @ 4'	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
PF 16 @ 4'	10/21/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	832
PF 16 @ 5'	11/3/2022	5	In-Situ	•	-	-	-	-	-	-	384
PF 17 @ 4'	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
PF 18 @ 4'	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	592
PF 19 @ 4'	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
PF 20 @ 4'	10/21/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	880
PF 20 @ 5'	11/3/2022	5	In-Situ	1	-	-	-	-	-	-	64.0
PF 21 @ 4'	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	80.0
PF 22 @ 4'	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	160
PF 23 @ 4'	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
PF 24 @ 4'	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
PF 25 @ 4'	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
PF 26 @ 4'	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
PF 27 @ 4'	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
PF 28 @ 4'	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
PF 29 @ 4'	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
PF 30 @ 4'	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
PF 31 @ 4'	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
PF 32 @ 4'	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
PF 33 @ 4'	10/21/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	688
PF 33 @ 5'	11/3/2022	5	In-Situ	-	-	-	-	-	-	-	352
PF 34 @ 4'	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
PF 35 @ 4'	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
PF 36 @ 4'	10/21/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	800
PF 36 @ 6'	11/3/2022	6	In-Situ	-0.050	- 200	- 10.0	-10.0	- 20.0	- 10.0	- 20.0	336
PF 37 @ 4'	10/21/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,330
PF 37 @ 6'	11/3/2022	6	In-Situ	-0.050	-0.200	- 10.0	10.0	10.0	-100	10.0	128
PF 38 @ 4'	10/21/2022	4	Excavated	< 0.050	< 0.300	<10.0	10.9	10.9	<10.0	10.9	880
PF 38 @ 6'	11/3/2022	6	In-Situ	<0.050	-0.200	- <10.0		-		-200	160
PF 39 @ 4'	10/21/2022	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
PF 40 @ 4'	10/21/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,600
PF 40 @ 6'	11/3/2022	6	In-Situ	-	-	-	-	-	-	-	320

NMOCD Ref. #: nAPP2120041782											
	CD Closure Ci			10	50	N/A	N/A	N/A	N/A	100	600
NMOCD	Reclamation S	Standard		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)	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)
PF 41	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
PF 42	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
PF 43	10/21/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	784
PF 43 @ 6'	11/4/2022	6	In-Situ	-	-	-	-	-	-	-	288
PF 44	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
PF 45	10/21/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
PF 46 @ 1.5'	10/31/2022	1.5	Excavated	< 0.050	< 0.300	<10.0	912	912	147	1,060	320
PF 46 @ 2.5'	11/9/2022	2.5	In-Situ	1	-	<10.0	<10.0	< 20.0	<10.0	<30.0	-
PF 47 @ 1.5'	10/31/2022	1.5	Excavated	< 0.050	< 0.300	<10.0	651	651	115	766	192
PF 47 @ 2.5'	11/9/2022	2.5	In-Situ	-	-	<10.0	<10.0	< 20.0	<10.0	<30.0	-
PF 48 @ 1.5'	10/31/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	144
PF 49 @ 1.5'	10/31/2022	1.5	Excavated	< 0.050	< 0.300	<10.0	730	730	138	868	144
PF 49 @ 2.5'	11/9/2022	2.5	In-Situ	-	-	<10.0	<10.0	< 20.0	<10.0	<30.0	-
PF 50 @ 1.5'	10/31/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
PF 51 @ 1.5'	10/31/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	15.5	15.5	<10.0	15.5	384
PF 52 @ 1.5'	10/31/2022	1.5	Excavated	< 0.050	< 0.300	<10.0	351	351	143	494	144
PF 52 @ 2.5'	11/9/2022	2.5	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
PF 53 @ 1.5'	10/31/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576
PF 54 @ 1.5'	10/31/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
PF 55 @ 1.5'	10/31/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	528
PF 56 @ 1.5'	10/31/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	11.3	11.3	<10.0	11.3	400
PF 57 @ 1.5'	10/31/2022	1.5	Excavated	< 0.050	< 0.300	<10.0	312	312	89.5	402	128
PF 57 @ 2.5'	11/9/2022	2.5	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
PF 58 @ 1.5'	10/31/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
PF 59 @ 1.5'	10/31/2022	1.5	Excavated	< 0.050	< 0.300	<10.0	690	690	174	864	240
PF 59 @ 2.5'	11/9/2022	2.5	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
PF 60 @ 1.5'	10/31/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
PF 61 @ 1.5'	10/31/2022	1.5	Excavated	< 0.050	< 0.300	<10.0	93.7	93.7	22.9	117	320
PF 61 @ 2.5'	11/9/2022	2.5	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
PF 62 @ 1.5'	10/31/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	78.5	78.5	17.4	95.9	192
PF 63 @ 1.5'	10/31/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
PF 64 @ 1.5'	10/31/2022	1.5	Excavated	< 0.050	< 0.300	<10.0	266	266	67.3	333	144
PF 64 @ 2.5'	11/9/2022	2.5	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
PF 65 @ 1.5'	10/31/2022	1.5	In-Situ	< 0.050	< 0.300	<10.0	66.3	66.3	13.4	79.7	208
PF 66 @ 0"-6"	10/25/2022	0-0.5	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
PF 67 @ 0"-6"	10/25/2022	0-0.5	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	272
PF 68 @ 0"-6"	10/25/2022	0-0.5	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	144
PF 69 @ 0"-6"	10/25/2022	0-0.5	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	160
PF 70 @ 0"-6"	10/25/2022	0-0.5	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	224
PF 71 @ 0"-6"	10/25/2022	0-0.5	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
PF 72 @ 0"-6"	10/25/2022	0-0.5	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
PF 73 @ 0"-6"	10/25/2022	0-0.5	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	240
PF 74 @ 0"-6"	10/25/2022	0-0.5	In-Situ	< 0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
PF 75 @ 0"-6"	10/25/2022	0-0.5	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	112

NMOCD Ref. #: nAPP2120041782 NMOCD Closure Criteria 10 50 N/A N/A N/A N/A 100 600											
				10	50	N/A	N/A	N/A	N/A	100	600
NMOCD	Reclamation	Standard		10	50	N/A	N/A	N/A	N/A	100	600
				SW 840	6 8021B		SW	GRO +	Ext.		4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene	BTEX	GRO	DRO	DRO	ORO	ТРН	Chloride
		(Feet)		(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)
DE 76 O OIL CII	10/05/0000	0.05	I C'4	<0.025	<0.150			(mg/kg)			06.0
PF 76 @ 0"-6"	10/25/2022	0-0.5	In-Situ	<0.025	<0.150	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
PF 77 @ 4' PF 77 @ 8'	11/8/2022	8	Excavated In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,070 208
Ŭ	10/27/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	
PF 78 @ 4' PF 78 @ 8'	11/8/2022	8	In-Situ	<0.030	<u> </u>				<u></u>	\30.0	1,260 464
PF 79 @ 4'	10/27/2022	4	Excavated	< 0.050	< 0.300	- <10.0	- <10.0	- 20.0	<10.0	- -20.0	848
PF 79 @ 8'	11/8/2022	8	In-Situ	<0.030	<u> </u>	<10.0	<10.0	<20.0	<u></u>	<30.0	48.0
PF 80 @ 3'	10/27/2022	3	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,040
PF 80 @ 8'	11/8/2022	8	In-Situ	<u>\0.030</u>	<0.300	<u> </u>	\10.0	~20.0	\10.0	\30.0	272
PF 81 @ 4'	10/27/2022	4	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
PF 82 @ 4'	10/27/2022	4	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
PF 83 @ 4'	10/27/2022	4	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
PF 84 @ 4'	10/27/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	672
PF 84 @ 5'	11/8/2022	5	In-Situ	-0.030	-0.500	-10.0	-10.0	-20.0	-10.0	-50.0	416
PF 85 @ 4'	10/27/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	592
PF 86 @ 4'	10/27/2022	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
PF 87 @ 3'	10/28/2022	3	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	768
PF 87 @ 5'	11/8/2022	5	In-Situ	-	-	-	-	-	-	-	304
PF 88 @ 1'	10/26/2022	1	In-Situ	< 0.025	< 0.150	<10.0	37.0	37.0	<10.0	37.0	464
PF 89 @ 1'	10/26/2022	1	Excavated	< 0.025	< 0.150	<10.0	1,180	1,180	184	1,360	32.0
PF 89 @ 2'	11/3/2022	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
PF 90 @ 1'	10/26/2022	1	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	432
PF 91 @ 1'	10/26/2022	1	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	192
PF 92 @ 1'	10/26/2022	1	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	592
PF 93 @ 1'	10/26/2022	1	In-Situ	< 0.025	< 0.150	<10.0	<10.0	<20.0	<10.0	<30.0	464
PF 94 @ 1'	10/28/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
PF 95 @ 4'	10/28/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	896
PF 95 @ 6'	11/8/2022	6	In-Situ	-	-	-	-	-	-	-	160
PF 96 @ 4'	10/28/2022	4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	656
PF 96 @ 5'	11/8/2022	5	In-Situ	ı	-	ı	-	-	-	-	64.0
PF 97 @ 1'	10/28/2022	1	Excavated	< 0.050	< 0.300	46.9	3,750	3,800	692	4,490	160
PF 97 @ 2'	11/9/2022	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
PF 98 @ 4'	10/28/2022	4	Excavated	< 0.050	1.87	421	4,390	4,810	658	5,470	1,630
PF 98 @ 5'	11/8/2022	5	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	128
PF 99 @ 4'	10/28/2022		Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	608
PF 99 @ 6'	11/8/2022	6	In-Situ	-	-	-	-	-	-	-	256
PF 100 @ 1'	10/28/2022	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
PF 101 @ 1'	10/28/2022		In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
PF 102 @ 4'	10/28/2022		In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
PF 103 @ 4'	10/28/2022		In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	544
PF 104 @ 4'	10/28/2022		Excavated	< 0.050	< 0.300	<10.0	21.8	21.8	<10.0	21.8	672
PF 104 @ 5'	11/9/2022		In-Situ	-	-	-	-	-	-	-	112
PF 105 @ 1'	10/28/2022		Excavated	< 0.050	3.26	549	6,140	6,690	881	7,570	80.0
PF 105 @ 2'	11/9/2022	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-

Appendix A Depth to Groundwater Information





Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is

closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(NAD83 UTM in meters) (quarters are smallest to largest)

(In feet)

		POD													
		Sub-		Q	Q	Q								V	Vater
POD Number	Code	basin	County	64	16	4	Sec	Tws	Rng	X	\mathbf{Y}	DistanceDep	othWellDep	thWater C	olumn
<u>C 02271</u>	R	CUB	LE		2	3	21	26S	32E	624449	3544111*	1068	150	125	25
C 03595 POD1		CUB	LE	4	2	3	21	26S	32E	624423	3544045	1136	280	180	100
<u>C 02271 POD2</u>		CUB	LE	3	2	3	21	26S	32E	624348	3544010*	1185	270	250	20
<u>C 02323</u>		C	LE	3	2	3	21	26S	32E	624348	3544010*	1185	405	405	0
C 03537 POD1		CUB	LE	3	2	3	21	26S	32E	624250	3543985	1233	850		

Average Depth to Water:

240 feet

Minimum Depth:

125 feet

Maximum Depth:

405 feet

Record Count: 5

<u>UTMNAD83 Radius Search (in meters):</u>

Easting (X): 624597.83 **Northing (Y):** 3545168.8 **Radius:** 1610

*UTM location was derived from PLSS - see Help

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.

6/21/22 2:16 PM

WATER COLUMN/ AVERAGE DEPTH TO

WATER



Point of Diversion Summary

150 feet

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec To

Q64 Q16 Q4 Sec Tws Rng 2 3 21 26S 32E

X Y

624449 3544111*

9

Driller License:

C 02271

Driller Company:

Driller Name:
Drill Start Date:

UNKNOWN

Drill Finish Date:

12/31/1909 **Plug Date:**

PCW Rcv Date:

Source:

Log File Date: Pump Type:

Pipe Discharge Size:

Estimated Yield: 15 GPM

Casing Size:

8.00 **Depth Well:**

Depth Water:

125 feet

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.

2/9/22 9:32 AM

^{*}UTM location was derived from PLSS - see Help



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 Number

1654

Q64 Q16 Q4 Sec Tws Rng

X Y

C 03595 POD1

4 2 3 21 26S 32E

624423 3544045

Driller License:

Driller Company:

NOT WORKING FOR HIRE--SIRMAN DRILLING

AND CONSTRUC

Driller Name:
Drill Start Date:

09/30/2013

Drill Finish Date:

Depth Well:

09/30/2013

Plug Date:

Shallow

Log File Date:

10/29/2013 PC

PCW Rcv Date:

Source:

Shallow

Pump Type: Casing Size: Pipe Discharge Size:

280 feet

Estimated Yield: Depth Water:

180 feet

Water Bearing Stratifications:

6.00

Top Bottom Description

160

200 Sandstone/Gravel/Conglomerate

Casing Perforations:

Top Bottom

200 240

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.

2/9/22 9:32 AM



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 Number** Q64 Q16 Q4 Sec Tws Rng

X

C 02271 POD2

21 26S 32E 624348 3544010*

Driller License:

208

Driller Company:

VAN NOY, W.L.

Driller Name:

W.L. VAN NOY

08/28/1992

Drill Finish Date:

09/09/1992

Plug Date:

Shallow

Log File Date:

10/28/1992

PCW Rcv Date:

Source: **Estimated Yield:**

Pump Type:

Drill Start Date:

SUBMER

Pipe Discharge Size:

15 GPM

Casing Size:

6.38

Depth Well:

270 feet

Depth Water:

250 feet

Water Bearing Stratifications:

Top Bottom Description

225

265 Sandstone/Gravel/Conglomerate

Casing Perforations:

Top **Bottom**

205

265

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.

2/9/22 9:32 AM

^{*}UTM location was derived from PLSS - see Help



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 Number

Q64 Q16 Q4 Sec Tws Rng

X Y

C 02323

3 2 3 21 26S 32E

624348 3544010*

9

Driller License: 1292

Driller Company:

BENTLE WATER WELL SERVICE

Driller Name:

BENTLE, BILLY L.

Drill Finish Date:

06/16/1993

Plug Date:

Drill Start Date: Log File Date: 05/25/1993 06/24/1993

PCW Rcv Date:

Source:

Shallow

D T

1 C W RCV Date.

Depth Well:

Estimated Yield:

Siluito II

Pump Type: Casing Size: Pipe Discharge Size:

405 feet

Depth Water:

405 feet

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.

2/9/22 9:32 AM

^{*}UTM location was derived from PLSS - see Help



New Mexico Office of the State Engineer

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 Number Q64 Q16 Q4 Sec Tws

X

C 03537 POD1

Q64 Q16 Q4 Sec Tws Rng

25.42005

C 03337 POD

3 2 3 21 26S 32E

624250 3543985

9

Driller License:

Driller Company:

Driller Name:

Drill Start Date:

Log File Date:

PCW Rcv Date:

Plug Date: Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

8.63

Depth Well:

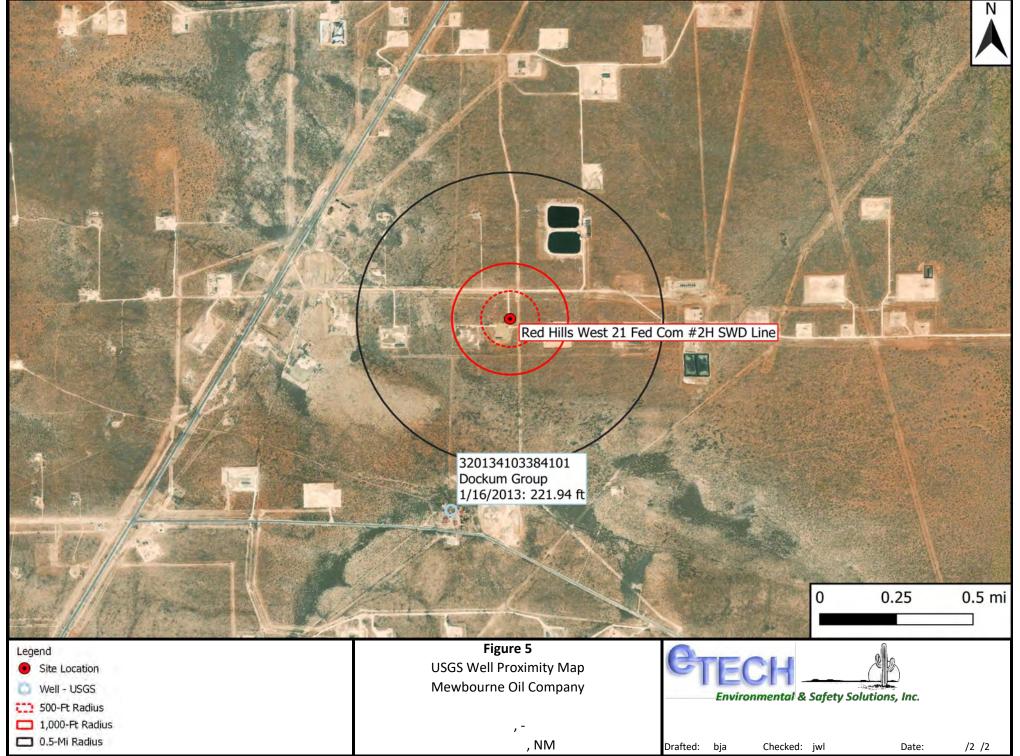
850 feet

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, or suitability for any particular purpose of the data.

2/9/22 9:32 AM

POINT OF DIVERSION SUMMARY



Click for News Bulletins

Groundwater levels for the Nation

Table of data Tab-separated data

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usqs site no list =

• 320134103384101

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320134103384101 26S.32E.21.32311

Lea County, New Mexico Latitude 32°01'35.2", Longitude 103°41'01.8" NAD83 Land-surface elevation 3,130 feet above NAVD88

The depth of the well is 405 feet below land surface.

The depth of the hole is 405 feet below land surface.

This well is completed in the Pecos River Basin alluvial aguifer (N100PCSRVR) national aguifer.

This well is completed in the Dockum Group (231DCKM) local aguifer.

Output formats

Graph of data											
Reselect period											
Date \$	Time \$? Water-level \$ date- time accuracy	? Parameter [‡] code	Water level, feet below land surface	Water level, feet above \$pecific vertical datum	Referenced vertical \$\phi\$ datum	? Status	? Method of measurement	? Measuring agency	? Source of preasurement	? Water- level \$ approval status
1993-06-16		D	72019	405.00			1	L			А
2013-01-16	19:10 UTC	m	72019	221.94			Р	S	USGS	S	Α

Received by OCD: 6/7/2024 3:44:33 PM

Explanation

Section \$	Code \$	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	Р	Pumping
Method of measurement	L	Interpreted from geophysical logs.
Method of measurement	S	Steel-tape measurement.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	А	Approved for publication Processing and review completed.

<u>Questions about sites/data?</u> <u>Feedback on this web site</u> Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

Accessibility Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels

URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2022-04-11 14:04:53 EDT

0.43 0.32 nadww01

USA.gov

Appendix B Field Data



Project: Red Hills West 21 Fed Com 2H Battery Horizontals

Date:

Project Number:

Latitude: 32.035/7 Longitude: -(03.68083

Sample ID	PID/Odor	Chloride Conc.	GPS
VHleSuf.	1 -	268	
14101	1 -	172	
HIE Suit.	1 -	204	
HIEI	1 -	268	
H2esuf.	J -	228	
Haes.f.	1 -	168	
H305.7.	1	204	
H3@1	1 -	168	
H4eSuf.	1 -	176	
H 4esf.	1 -	172	
H 5 e 5., f.	-	344	
H501	-	188	
HIeSurt.	-	228	
He1'	_	168	
IHlesuf.	_	172	
IHI@I'	_	172	
1 Hae Su.t.	-	228	
1H2e1	-	172	
H3@5.f.	-	268	
H301'	_	2 2 8	
H 4esuf.	-	296	
H4e1'	-	172	
1H 505, f.	-	228	
1H 5es.f.	_)40	

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

Released to Imaging: 6/17/2024 12:53:26 PM

Stockpile = Stockpile #1



		Date.	
Project:			
Project Number:	Latitude:	Longitude:	

Sample ID	PID/Odor	Chloride Conc.	GPS
DFS HIBSUR		2,188	
DFS #181		1348	
DF5#1@2		1896	
755#1@3 755#1@4		440	
7FS#1@4		726	
DF5#1@ 5		592	
DESHIE L	- Carri	1044	
DFS Fla 7	-	704	
OF5 #1 ~ 18 8		648	
OR I at The		440	
DFS#6@Surf		2552 Over	
0F5#6@1		1772	
F5#6@2		2552 Over	
)F5 #6(0) 3		2552 over	
)F5#6@Q	· · ·	2552 over	
DFS#6@ 6	* Branch Clarer	2552 over	·
)FS\$608		2188	
DF5#6010		1,772	
)FJ#6012	-	11657_	
OF5#6@14	-	1) 76	
DF5#6@16 F5#6@18		756	
FS+6018	Selection of the select	640	
18#6@20	_	536	
DES#16@22_		488	
CC #2 h) cod		04-C 2 CAA	
75#3@Surf		Over 2508	
155#500		1817	
1601262		over 2560	
113436 3		536	 '
11-3 11:315.A		138	
11541605		316	
Sample Baint - SB #1 @ ## at-		Tort Transh - TT #1 @ ##	Pacamalas CD #4 @ 5h or 6W #4h
Sample Point = SP #1 @ ## etc		Test Trench = TT #1 @ ##	Resamples= SP #1 @ 5b or SW #1b
Floor = FL #1 etc		Refusal = SP #1 @ 4'-R	Stockpile = Stockpile #1
Sidewall = SW #1 etc		Soil Intended to be Deferred = SP #1 @ 4' In-Situ	GPS Sample Points, Center of Comp Area



		Date:	
Project:			
Project Number:	Latitude:	Longitude:	

Sample ID	PID/Odor	Chloride Conc.	GPS
DES 4 @ SUCT		606	
DESU @ 1		440	
JF54@2	_	316	
DFS 4 @ 3	_	356	
DF54@4		396	
DFS 5 & Sov		2500 Over	
DFS 5 @ 1		948	
DF55@2		7500 Quer	
DF55@3	and the second second	2500	
DFS 5 @ 4	And the second s	1.006	
DFS 5@8	-	2,500	
DF55@8	NAME OF TAXABLE PARTY.	1444	
DESSEID		640	
DF\$5@12		644	
0155012		356	
DFS 20 SUIF		704	
TIFS 201		184	
DFS 2@Z		160	
DFS 203		7/6	
			<u> </u>
Sample Point = SP #1 @ ## etc		Test Trench = TT #1 @ ##	Resamples= SP #1 @ Sb or SW #1b
Floor = FL #1 etc		Refusal = SP #1 @ 4'-R	Stockpile = Stockpile #1
Sidewall = SW #1 etc		Soil Intended to be Deferred = SP #1 @ 4' In-Situ	GPS Sample Points, Center of Comp Area



Data	
Date:	

Project:

Red Hills West 21 Fed Com 2H Battery

1FF07 Letit

Project Number:	15507	Latitude:	32.03517	Longitude:	-103.68083
-----------------	-------	-----------	----------	------------	------------

Sample ID	PID/Odor	Chloride Conc.	GPS
FLI®I	Non	1204	
1103	Noive	2,584	
AlhilA	NoNe	648	
WINIB	None	2,228	
NWIC	None	900	
(1)	None	900	
VIA E	NONE	440	
SINIA	NAME	1204	
VILLA	NONE	440	
SW2 A	Nove	2 228	
VW2 A	NONE	2,584	
SW2B	NONE	648	
iw2A	PINCIN	160	
5w2 B	None	524	
5 13H	NONE	628	
136	NoNe	312	
5 4 A	Mono	524	
54.5	NANE	368	
VW2 B	MIVE	996	
14/2/	NEFIE	2534	
WIA	NoNE	1308	
2624 A	None	928	
WW3A	NOME	740	
EWZA	Noise	138	
EW 18	NONE	388	
VIV4B	Nove	949	
WWSB	NoNE	3.15	
EW2B	Welle	524	•
NW3	whe	217	
NW2	None	524	
NWUA	N-Te	1.596	· ·
NW4A NV4B	Nonce	1.704	
FW3H	Nonce None None	432	
WW4C	Nous	900	
WYA	NOWR.	128 2584	
VIVEA	Note	2584	

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



Project: Red Hills West 21 Fed Com 2H

Project: Number: 15007 Latitude: 32.03517

Date:

Longitude: 103.68083

Sample ID	PID/Odor	Chloride Conc.	GPS
EWBB	None	356	
WW53	None	400 -	
EWSA	None	1020	
WWLA	None	2557	
EW6B	Nowe	432	
WW6B	Nowe	400	
EW6	None	356	
WW7A	NONE	316	
5416 A	NONE	430	
WW8A	Nowe	696	
16/8/3	NoNo	489	
EVTA	NONE	240	
EW713	Nowe	244	
WWIA	None	400	
EW8A	None	640	
NWSA	NONE	488	
SW JA	NoNe	244	
EW 88	NONE	400	
EW9#	WOWO	400	
WWIOA	WoNO	536	
WWILA	NONC	696	
WW113	NONE	488	
WIDA	NON 2	696	
SWAA	NOINE	444	>
WWIZA	Nowe	356	912
EV 1013	None	494	
EW II A	VONE	460	
149 A	NOME	1,096	Mag
1/98	VOING	488	4
WIZ	NONN	356	
YWB	NONE	466	
WULLY A	NONE	1772	****
WYB	· None	1 260	
11/6 A	None	1544	A.
WWILC WW 18 A	None	880	
WW 18 A	None	646	The San Control of the San Contr

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

	6
CALL	2 2
	ECH_

		Date:					
Project:		A					
Project Number:	Latitude:	Longitude:					

Sample ID	PID/Odor	Chloride Conc.	GPS
1146 b	None	756	
11266	None	756	
INK D	NoNe	1717.	
1.5D 14	-	313	
WS 10 @	**	576	
W 15 A	4	388	
WISH	_	1544	
N I I		1.260	
110		576	Wq*
D (+7 //		717	
11/2		Western Communication of the C	
6/15		406	
n S 13		168	
ws 14	-	144	
V 16 A		1772	
1154		180	
N 16 B		1260	
W16C		444	
May My		880	
W173		536	
WIGA		880	
w 16 B		588	
W174		588	
W184	-	388	
WIGA	-	880	j
W19 B	_	316	
WEDA		949	
MOB		444	
10/19 A	_	588	
W 70A		328	
1/714		886	
W 212	1=	440	
W 27 A		1196	
10/21 A		192	1
1/22 8		356	
WAL-P			
W 1 41		356	
6/18		774	
Sample Point = SP #1 @ ## etc		Test Trench = TT #1 @ ##	Resamples = SP #1 @ 5b or SW #1b
Floor = FL #1 etc		Refusal = SP #1 @ 4'-R	Stockpile = Stockpile #1
Sidewall = SW #1 etc		Soil Intended to be Deferred = SP #1 @ 4' In-Situ	GPS Sample Points, Center of Comp Area

Date:

Project Number:

Project: Red Hills West 21 Fed Com 214

15507 Latitude: 32.03517 Longitude: -103.68083

Sample ID	PID/Odor	Chloride Conc.	GPS
PNWI		6.2 1460	X
ROO PNWZ		3.4 468	
PEND PEWI		2.0 200	V
PEWZ		1.8 176	V
PSWI		2.2 232	
PROD BOD PIVINI		7.4 2204	X
PHUIL		7.2 2052	X
PNWIB		6.6 1672	V
PWWI	_	1640-1328-1072-1152-492-115	2.1152.1236.1236.1236
PWWI		992.460	
PWW2	-	400 316	
PANALA PEWS	-	1528.1236.664.556	
PNW1-32 21t	-	612-724-1072-852-788-1428	-920-1348-1076-1176
PNW3-30000000000	-	788.508	,
EW4	-	380-536	
PNW1010203	-	948-880-816	
PWW3		1260-1176-1260-1020-588	,
PNWIEL	_	1)444	
PNW102 32		880	65 Wall C-+ /2
PNW 102 32	_	948	
Bapm & BNM1-35, MM 8.04	1 -	1,09601348 - 948	
PNW1-32 Ull st	4 -	9480144462 1176	
PNW -32 VM 1/t el	-	126000, 1090	**
PNW1-32 Wall Right of	_	1,096-2, 1096	
PNW1-32'NM 2/tel'		1260e2 1772	
PNW 1-32'Wal Right of	-	1444cg 1544	
PEW5	-	880.1096.612.1152.1760.022	11 1640-1640-332
PNW1-32 Wall Lift	-	1556-1544-1528-1760-1888-12	368 1072e4 2532-372
PNW1-32 Wall Right	-	1556.816.1.760.1428-1880.2	384818886432532-460
PF66000		1760-1236-332	
		144	
PF6700-6"	dags.	460	
P+ 6800-6	-	508	
PF 69e0-6" PF 70 e0-6"	-	228	
PF 70 e0-6	_	1710-1231-332 144 460 508 228 372	
PF 71e 0-6"	Appendix .	416	

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

Released to Imaging: 6/17/2024 12:53:26 PM

10-24-22

Project: Red Hill West 21 Fed Com 27

Project Number:

15507 Latitude: 32.03517 Longitude: -103.68083

Sample ID	PID/Odor	Chloride Conc.	GPS
PF72e0-6"	_	372	·
PF72e0-6" PF73e0-6"	_	463	
PF74e0-6	-	372	
PF 7500-6"	_	460	
PF76e0-6		460	
PSW2	-	372	
PWW+		NO 296	
PSW3	-	508	
PSW4	-	260	7.7
PWW5		556	
PWW6		260	
PWW7	-	556	
MANTALLA PNW3	-	508	
PNW4	-	228	
PNW 5		508	
PF77e103		788-1328	
PF78ele3	_	2.348.1428	
PF79e1'e3'	Circles .	1328-1428	
PF 80e1'e3'	_	3.472-1.640	
of 8161,63,		1236-920	
0 = 82e1 e3	Comm.	2348-260	
0 F 8 3 e 1 e 3		5,244.664.	
P=84e/e3		1,236.664.	
PF 85e 'e3'		992-1760.	
PF860/03		1,528.1.760	
0 = 87e1'e3'	Market.	788 - 508	
P = 8801'		508	
PF8901	_	172	
NW6	_	460	
2 = 90e1'	_	43 4 6	
bedlel.	-	228	
PF9201	_	1228 556	
PF 93e1		460	
PF9401'	_	332	
PF95e1		1,5 28	
PF 9601'	-	1,336	

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



Released to Imaging: 6/17/2024 12:53:26 PM



Project Number:

Sample Log

Project: Red Hille West 21 Fed Com 27

15507 Latitude: 32.03517 Longitude: -103.68083

10-26-22

Sample ID	PID/Odor	Chloride Conc.	GPS
PF 97el	_	372	
PF93el		1236	
Proger		852	
PF 100e1		120	
PF 10 lel	* 2000	260	
PF 102e		1072	
PF 10301		1328	
PF 104el	100 mm 1	1152	
PF 10501.		2/20	
PF 4601/2		508	The state of the s
PF 47e1/2		508	
PF 48e 1/2	_	260	
PF 490 1/2		296	
PF 50e 11/2		460	
PF 5 e 1 1/2		460	
PF 5201/2		144	
PF 5 40 1/2 PF 5 40 1/2	_	508	
PF 540 1/2	_	460	
PF 55011/2	-	508	./
PF 5 6 e 1 1/2	_	460	
PF5701/2	_	228	
PF 58el1/2	_	260	
F 59el'/2		372	
F60e 1/2	_	416	
PF61e 1/2	_	372	
PF 62011/2	_	416	
PF 63e11/2	_	372	
PF64011/2		144	
PF 850 1/2'	_	508	
PNW7	-	296	
BOOK PEW7	_	332	
PFled	-	396 332 228	
DF308		460	
PF5e 6	-	508	
PF1e 6' PF5e 6' PF6e 6' PF7e 6'		460 508 372	
PF 70 6	Control of the Contro	544	

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



11-2-22

Project: Red Hill West 21 Fed Com 2 H
Project Number: 15507 Latitude: 32.03517 Longitude: -103.68083

Sample ID	PID/Odor	Chloride Conc.	GPS
PF/2e5e7		783.172	
PF 1305 eT	_	920.332	and the second s
PF 1407		372	
PF 1605	_	424	
PF 1605'	ACCOUNTS OF THE PARTY OF THE PA	176	
PF3305'		340	
PF3606		380	
PF37e6'		174	
PF38e6'		264	
PF4001		3 8 0	
PF43e6		380	
PF 77e 50000 8		1272·300 748·424	(N)
PF 7805000 8		748.424	ch1
PF 78e 5 e 600 8 PF 79e 5 e 600 8	_	264 264 572	CYI
PF 80e 5'e8'	_	264	(L)
PF 84e 5'	_	572	< n1
PF 8705	_	380 3 80 3 40	CTI
PF9508	A	微 340	< h1
DEG /- ME'		468	ELI
PF @ 9702'	_		TPH
PF @98 - 98 - 9 5	-	1468	CHI FTPH
PF COM CONTRACTOR 99'e8	_	380	ACA CAI
PF 10000000 104c5	-	380	किस ८४।
PF 98°95 PF 98°95' PF 98°9'5' PF 105°2'	~		764
			The second secon
		,	
			,

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



Soil Profile

					Date:	
oject:		21 Fed Com 2H				
oject Nun	nber:	Pending	Latitude:	32.03517	Longitude:	-103.68083
onth /ft ha	c)		. 1	De	escription	
epth (ft. bg	1	Ca	liche che ighe	De	Scription	
	2	Cali	e Le	нинининого даюнаминальная подского напинина	наннаеманако какинопияно мэниципияния сечина	ониосния иниционального очения выправления выправления под направления очения выправления выпра
	3	Cali	iche			naupropentra eparamente un mentro de la composito de la composito de la composito de la composito de la composi
	4	San	Z.	openiari sumunduduli lilli lilli lilli kateli etti tetti etti tetti etti etti ett	осопровоння на протесня в при	manatakedinatakakalastiritukoitakuntuun kuntiiturituritotoritoonitoitatai etelenateita teriateita teriateita t
	5	59	nd 1			
	6	Cla	at-sand	цоло,пианичника выпольности	nicollustationalitetium in the the proposition proposition particular	одылалын кындарын маниканын каканын каканын кындарын кындарын кындарын каканын кындарын кындарын каканын кында
	7	Cla	t-Sand			
	8	Clar	r-Sand	guasasasuquunijalajaumininkomuuraustavahin	entral de la company de la	оништанна метрания и при при при при при при при при при п
	9	-Medical adaption to the control of	artistiski filosofi (sitrori lexistis situstis abbisvarti filosofi (sitrori lexis (sortis filosofi (sitrori lexis situs filoso		nienadinikoliotiotiotiotiiniliiniliiniliiniliinili	Productivinger a toleras, martinare a reducero de productivo de la companya de la companya de la companya de l
	10 11	Anapatanian disamber disamber disamber	Mahalanan kasan kasan kasan kasan katan kata			onen andre and
	12	94421-6120-59-579-579-579-571-57-57-57-57-57-57-57-57-57-57-57-57-57-	ndaran analah arang antah arang antah arang a	nektroppietastatumijasit rivottaseettentastatumijateetastatuvaatastatuminin konstantiatus ja papaapa tari	жинициянивырывысынанарандыный	uuntottatustatututtatettotata, kun kanka kanka kanka kanka (orto pertantusta kata kanka kanka kanka kanka kanka
	13	Resemble to the state of the sta		нителения принципального принципального принципального принципального принципального принципального принципального п	okulatinululaden minomonomalaminin linkolistriki kali	nsidaumummumatariaksi etaksisisi alakarrumtaksin tinan mahindin diselekt
	14		титчентки польшального при	NATURAL DEL BERTON ER DE LE PERFECTION DE L'ANGLE PERFECTION DE L'	SAGONGERES DEŠECTĀGERINGA IT MALEDARINAS TORĪGE BERGRUPARIS ĀRĀS BAŠĀS LISTĀS SĀSĀS IZ SĀSĀSĀS SĀSĀSĀS LISTĀSĀ	niduraturadullatuturutullata halagistangiakalahulululululululululululululululululul
	15	20002000 CLUSTON CONTROL OF CONTR		VOLONO PERMENDENTAL INTERNATION DE LA CONTRACTORIO DE LA CONTRACTORIO	anaadaataataataatahnii istoo koo koo kaalistoo kaalistoo kaalistoo kaalistoo kaalistoo kaalistoo kaalistoo kaa	kaugganiangganiana ntus isonena astantus ottaba rossinionidisbilibilibilibilibilibilibilibilibilibi
1	16	- AND THE STREET COLUMN STREET		mauaciii ani borum mumini aptimin philibeite (161	ministry (is a ministry in the state of the	magashamatan kanakan estekoka yaramatan anapagaan tanpan pada ilabi
	17	- CHARLES AND				and the state of t
1	18	198742-Ferrandon harrian bereite production in the control of the	mannokakiskessessa skirinkunkustaanskistaalistiinistiini	anombromenromismonoritiscossussinississi paramanananananan	аментальная на принастическая	ndanialisyonikeidaleekkiirikkiirikkiirikkiilokaalialisiinississistelekkiiriksississi
	19		on the statement of the	on the state of th		mare province and organization of the control of th
,	20	ACTION OF THE PROPERTY OF THE		antinaminintensionintensionintensionintensionintensionintensionintensionintensionintensionintensionintensioni	пилитичника общений и при при при при при при при при при п	N N N N N N N N N N N N N N N N N N N
	21	THE RESIDENCE AND A CONTROL OF THE PROPERTY OF	рионинения (чен диктирка почения почения по		штырынантырыаныныныныкарттарын	
	22	- Martin - Carata Meta - Tomas Landon	роживания приня на п На приня на приня	OCHUMBUS PRESTRUCTURA (CORRECTION CORRECTION	en un establis procesiones en establis de la company de la lace de	ничения и политирация по принципального принцения по прин
	23	**************************************		and the state of t	unskirkulltulkeliminstulmittimellimellimellimittimellimittimellimittimellimittimellimittimellimittimellimittim	компининаченном принамента на принамента на принамента на пределение в принамента на принамента на принамента н
	25	AMOUNT PLACE SECURE INSCRIBER CONTRACTOR CON		SONAIANALAMENAED RÉNAMATARISTE EN RENERANTE LA TRESPETATARISTE EN LA CARTA DE LA CARTA DE LA CARTA DE LA CARTA	PROPERTY OF THE PROPERTY OF TH	HUMANINIKO MINTATIBIRKON MATERIALISIA MATERIA
	26	NAMES AND PROPERTY OF THE PROP	и и при в при в при на при	жиндан жана шана кана кана кана кана кана кана к	sairearianissaminamandaturearearensisamaliatearen	орициями менения применения в пр
	27	desire by the properties on a property on the contract of the		OPACINETISTONIAATSYSSOONISTATISTATISTATISTATISTATISTATISTATISTA	инденния в применя в	почтолного село выничения почто выправновать постышного почтовкого почтовкого почтовкого почтовкого почтовкого
	28	- MERITATION FOR FOR FOR STATE OF THE STATE	COLLABORATION OF THE PROPERTY	prior-administration del contracto de la contr	DELIGENTION CONTRACT AND ADDRESS OF THE CONTRACT	SIANA BARBARAN MINIMANTAN MARIANTAN MARIANTAN MARIANTAN MARIANTAN MARIANTAN MARIANTAN MARIANTAN MARIANTAN MARI
1	29	essentantinennummen	eninikamoniiniaminininiminiamiatestaveta	enebalinovinationi intermentificationi (HARCHEELER AND MAD HOLD TO THE ARCH AND THE STREET STREET STREET STREET STREET STREET STREET STREET STREET STR	nnich Er d. bitged ei ferbend fernigt profesiel der gestelle geweiter mit dem gestelle geweiter profesier wich
3	30	Book first present area therefore re-				
3	31	deblesses reconstruction and the second section of the section of	Teropytaanyonytoidahannyystäänäyssäänäänäänäänyöyysenessääsöstessääness	SNEEDSCHOOLESSEN TOTALISE BENEEDS FOR THE THE THE PROPERTY SEEDS FOR THE PROPERTY SEEDS FOR THE PROPERTY SEEDS	enadoria de contrata de la contrata	นไรกัดรายเสยโรงสามาเป็นเกล้าแปลและเลกเล็กเลกเล็กเลกเล็กเลกเล็กเล็กเล็กเล็ก
3	32	Amonto productive contract contract	пасттыннагынагыншишингининкинтикчесич	(September of the second	жи нка адажина нашина нашина нашина нашина на	usophapanantonangiga (aug pumakearusian ngiandin dindindindindindindindindindindindin
	33	impotestitietessjamisjasotietessaaaaa	arriginigalandinin dipininkan pontibilik dipininkan pontibilik dipininkan pontibilik dipininkan pontibilik dip	жа лдысы лығынын алыманын алыма	pareporterprocess regis to the highest control of a request regularity reduces the control of th	
	34	*GOMETERMODICESSCRIPTION OF THE STREET	рационициищенний примененнования примененновани	NE-MACO SOLUTIONALINA DI UNIVERSI DI U	oossaanaassaanaa oo aa a	приципантирации принамент на при
	35	WHEN MITS ITS PROPERTY OF STREET	constituent along from the lange date of the outstand which is recommended.	on more and the first of the fi	eren waa da Aman Amanga ee qaa ah a	HADOLD HIDDOHOLO HORO HISTORIA DI DISTORIA DI PARENCA NEL PROPERTO DI PARENCA NEL PROPERTO DE LA CONTRACTORIA DE L
	36	- CORNER THE BY METHOD IN CONTRACT SETS OF THE SETS OF	and the second s	umphote subprisides sections and the section of the	and is a control of the control of t	рициприниципональности простительности подражения подписывающий подписыции подписыции подписывающий подписывающий подписывающий
	37	AMERICAN ELPHER METERS AND ELEMENT AND		шинин температуран такжа т	ANTHAN TO HORSE THE PARTY OF THE WASHINGTON TO STANKED HORSE OF THE PARTY OF THE PA	
	39	Indiana Salat Strat (Theory of Flore Salat Control				HINTEROPHINETERS OF THE PROPERTY OF THE PROPER
	40	Williand to Microsoft and Arthur School		DESCRIPTION OF THE PROPERTY OF	NUMBER AND RECEIVED TO THE PROPERTY OF THE PRO	
		STORM SECTION TO SECTION SECTI		IIIAAADKALII PILOHAAD HAKKALIA IIIA IIIA IIIA IIIA IIIA IIIA II	DOMINIA PROMININA PROPERTIES DE LA COMPANSIONA DE LA COMPANSIONA DE LA COMPANSIONA DE LA COMPANSIONA DE LA COMP	шоптивнинаточнаском инповинационального крастанский подпасационального

Received by OCD: 6/7/2024 3:44:33 PM

Appendix C Photographic Log

Photo Number:

1

Photo Direction: North

Photo Description:

View of the affected area.



Photo Number:

2

Photo Direction:

North

Photo Description:

View of the affected area.



Photo Number:

3

Photo Direction: Southwest

Photo Description:

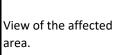




Photo Number:

4

Photo Direction:

Northwest

Photo Description:

View of the affected area.



Photo Number:

5

Photo Direction: West-Southwest

Photo Description:

View of the affected area.



Photo Number:

6

Photo Direction:

North

Photo Description:

View of the North Excavation.



Photo Number:

7

Photo Direction: West-Southwest

Photo Description:

View of the South Excavation.



Photo Number:

8

Photo Direction:
Southwest

Photo Description:

View of the South Excavation.



Photo Number:

9

Photo Direction:

South

Photo Description:



View of the South Excavation.

Photo Number:

10

Photo Direction:

East

Photo Description:

View of the South Excavation.



Photo Number:

11

Photo Direction: South-Southeast

Photo Description:

View of liner installation in North Excavation.



Photo Number:

12

Photo Direction: East-Southeast

Photo Description:

View of liner installation in South Excavation.



Photo Number:

13

Photo Direction: Southwest

Photo Description:

View of liner installation in South Excavation.



Photo Number:

14

Photo Direction:

West-Southwest

Photo Description:

View of liner installation in South Excavation.



Photo Number:

15

Photo Direction: East-Southeast

Photo Description:



View of the Pad Excavation.

Photo Number:

16

Photo Direction: East-Southeast

Photo Description:

View of the Pad

Excavation.



Photo Number:

17

Photo Direction: East-Southeast

Photo Description:



View of the Pad Excavation.

Photo Number:

18

Photo Direction:

South-Southeast

Photo Description:

View of the Pad Excavation.



Photo Number:

19

Photo Direction: West-Southwest

Photo Description:



View of the Pad Excavation.

Photo Number:

20

Photo Direction: South-Southwest

Photo Description:





Photo Number:

21

Photo Direction: West-Southwest

Photo Description:



View of the Pad Excavation.

Photo Number:

22

Photo Direction: South-Southwest

Photo Description:





Photo Number:

23

Photo Direction: West-Southwest

Photo Description:

View of the Pad Excavation.



Photo Number:

24

Photo Direction: West-Southwest

Photo Description:

View of the Pad Excavation.



Photo Number:

25

Photo Direction: North

Photo Description:

View of the North Excavation after backfill and regrading.



Photo Number:

26

Photo Direction:

South

Photo Description:



Photo Number:

27

Photo Direction: South

Photo Description:

View of the South Excavation after backfill and regrading.



Photo Number:

28

Photo Direction:

West

Photo Description:



Photo Number:

29

Photo Direction: South-Southwest

Photo Description:

View of the South Excavation after backfill and regrading.



Photo Number:

30

Photo Direction:

West

Photo Description:



Photo Number:

31

Photo Direction:

North

Photo Description:

View of the South Excavation after backfill and regrading.



Photo Number:

32

Photo Direction:

Northeast

Photo Description:



Photo Number:

33

Photo Direction: North

Photo Description:

View of the South Excavation after backfill and regrading.



Photo Number:

34

Photo Direction: East-Southeast

Photo Description:



Photo Number:

35

Photo Direction: South

Photo Description:

View of the Pad Excavation after backfill and regrading.



Photo Number:

36

Photo Direction:

Southwest

Photo Description:



Photo Number:

37

Photo Direction: Northeast

Photo Description:

View of the Pad Excavation after backfill and regrading.



Photo Number:

38

Photo Direction: West-Southwest

Photo Description:



Appendix D Laboratory Analytical Reports



March 08, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS WEST 21 FED COM 2H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/03/22 15:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 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



03/03/2022

Soil

Analytical Results For:

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

Received: 03/03/2022 Sampling Date:
Reported: 03/08/2022 Sampling Type:

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE

Sample ID: NH 1 @ SURFACE (H220846-01)

TEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2022	ND	2.19	109	2.00	0.514	
Toluene*	<0.050	0.050	03/05/2022	ND	2.15	107	2.00	0.0485	
Ethylbenzene*	<0.050	0.050	03/05/2022	ND	2.12	106	2.00	0.478	
Total Xylenes*	<0.150	0.150	03/05/2022	ND	6.55	109	6.00	0.663	
Total BTEX	<0.300	0.300	03/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/07/2022	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	03/07/2022	ND	208	104	200	1.13	
DRO >C10-C28*	<10.0	10.0	03/07/2022	ND	200	99.8	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	03/07/2022	ND					
Surrogate: 1-Chlorooctane	81.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.2	% 59.5-14	2						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 03/03/2022 Sampling Date: 03/03/2022

Reported: 03/08/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact Sample Received By: Project Number: 15507 Tamara Oldaker

Project Location: **MEWBOURNE**

Sample ID: NH 1 @ 1' (H220846-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2022	ND	2.19	109	2.00	0.514	
Toluene*	<0.050	0.050	03/05/2022	ND	2.15	107	2.00	0.0485	
Ethylbenzene*	<0.050	0.050	03/05/2022	ND	2.12	106	2.00	0.478	
Total Xylenes*	<0.150	0.150	03/05/2022	ND	6.55	109	6.00	0.663	
Total BTEX	<0.300	0.300	03/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/07/2022	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	03/07/2022	ND	208	104	200	1.13	
DRO >C10-C28*	<10.0	10.0	03/07/2022	ND	200	99.8	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	03/07/2022	ND					
Surrogate: 1-Chlorooctane	81.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.9	% 59.5-14	2						

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:

Received: 03/03/2022 Sampling Date:

03/03/2022

Reported: Project Name: 03/08/2022

Sampling Type:

Soil

RED HILLS WEST 21 FED COM 2H BATTE

Sampling Condition:

Cool & Intact

Project Number:

15507

Sample Received By:

Tamara Oldaker

Project Location:

MEWBOURNE

Sample ID: EH 1 @ SURFACE (H220846-03)

BTEX 8021B	mg	/kg	Analyze	ed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2022	ND	2.19	109	2.00	0.514	
Toluene*	<0.050	0.050	03/05/2022	ND	2.15	107	2.00	0.0485	
Ethylbenzene*	<0.050	0.050	03/05/2022	ND	2.12	106	2.00	0.478	
Total Xylenes*	<0.150	0.150	03/05/2022	ND	6.55	109	6.00	0.663	
Total BTEX	<0.300	0.300	03/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/07/2022	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	03/07/2022	ND	208	104	200	1.13	
DRO >C10-C28*	<10.0	10.0	03/07/2022	ND	200	99.8	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	03/07/2022	ND					
Surrogate: 1-Chlorooctane	80.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.1	% 59.5-14	22						

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

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: 03/03/2022 Sampling Date: 03/03/2022

Reported: 03/08/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE

Sample ID: EH 1 @ 1' (H220846-04)

BTEX 8021B	mg	/kg	Analyze	ed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2022	ND	2.19	109	2.00	0.514	
Toluene*	<0.050	0.050	03/05/2022	ND	2.15	107	2.00	0.0485	
Ethylbenzene*	<0.050	0.050	03/05/2022	ND	2.12	106	2.00	0.478	
Total Xylenes*	<0.150	0.150	03/05/2022	ND	6.55	109	6.00	0.663	
Total BTEX	<0.300	0.300	03/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/07/2022	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	03/07/2022	ND	208	104	200	1.13	
DRO >C10-C28*	<10.0	10.0	03/07/2022	ND	200	99.8	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	03/07/2022	ND					
Surrogate: 1-Chlorooctane	86.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.3	% 59.5-14	22						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 03/03/2022 Sampling Date: 03/03/2022

Reported: 03/08/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE

Sample ID: EH 2 @ SURFACE (H220846-05)

BTEX 8021B	mg	/kg	Analyze	ed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2022	ND	2.19	109	2.00	0.514	
Toluene*	<0.050	0.050	03/05/2022	ND	2.15	107	2.00	0.0485	
Ethylbenzene*	<0.050	0.050	03/05/2022	ND	2.12	106	2.00	0.478	
Total Xylenes*	<0.150	0.150	03/05/2022	ND	6.55	109	6.00	0.663	
Total BTEX	<0.300	0.300	03/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/07/2022	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	03/07/2022	ND	208	104	200	1.13	
DRO >C10-C28*	<10.0	10.0	03/07/2022	ND	200	99.8	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	03/07/2022	ND					
Surrogate: 1-Chlorooctane	90.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.8	% 59.5-14	22						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 03/03/2022 Sampling Date: 03/03/2022

Reported: 03/08/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE

Sample ID: EH 2 @ 1' (H220846-06)

Analyte Result Reporting Limit Analyzed Method Blank BS % Benzene* <0.050 0.050 03/05/2022 ND 2.19 Toluene* <0.050 0.050 03/05/2022 ND 2.15 Ethylbenzene* <0.050 0.050 03/05/2022 ND 2.12 Total Xylenes* <0.150 0.150 03/05/2022 ND 6.55	6 Recovery 109 107 106 109	2.00 2.00 2.00 2.00 6.00	RPD 0.514 0.0485 0.478 0.663	Qualifier
Toluene* <0.050 0.050 03/05/2022 ND 2.15 Ethylbenzene* <0.050 0.050 03/05/2022 ND 2.12	107 106	2.00 2.00	0.0485 0.478	
Ethylbenzene* <0.050 0.050 03/05/2022 ND 2.12	106	2.00	0.478	
,				
Total Xylenes* <0.150 0.150 03/05/2022 ND 6.55	109	6.00	0.663	
Total BTEX <0.300 0.300 03/05/2022 ND				
Surrogate: 4-Bromofluorobenzene (PID 104 % 69.9-140				
Chloride, SM4500Cl-B mg/kg Analyzed By: AC				
Analyte Result Reporting Limit Analyzed Method Blank BS %	% Recovery	True Value QC	RPD	Qualifier
Chloride <16.0 16.0 03/07/2022 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 03/07/2022 ND 208	104	200	1.13	
DRO >C10-C28* <10.0 10.0 03/07/2022 ND 200	99.8	200	3.01	
EXT DRO >C28-C36 <10.0 10.0 03/07/2022 ND				
Surrogate: 1-Chlorooctane 81.0 % 66.9-136				
Surrogate: 1-Chlorooctadecane 87.6 % 59.5-142				

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 03/03/2022 Sampling Date: 03/03/2022

Reported: 03/08/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE

Sample ID: EH 3 @ SURFACE (H220846-07)

TEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2022	ND	2.19	109	2.00	0.514	
Toluene*	<0.050	0.050	03/05/2022	ND	2.15	107	2.00	0.0485	
Ethylbenzene*	<0.050	0.050	03/05/2022	ND	2.12	106	2.00	0.478	
Total Xylenes*	<0.150	0.150	03/05/2022	ND	6.55	109	6.00	0.663	
Total BTEX	<0.300	0.300	03/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/07/2022	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	03/07/2022	ND	208	104	200	1.13	
DRO >C10-C28*	<10.0	10.0	03/07/2022	ND	200	99.8	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	03/07/2022	ND					
Surrogate: 1-Chlorooctane	88.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.3	% 59.5-14	2						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 03/03/2022 Sampling Date: 03/03/2022

Reported: 03/08/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE

Sample ID: EH 3 @ 1' (H220846-08)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2022	ND	2.19	109	2.00	0.514	
Toluene*	<0.050	0.050	03/05/2022	ND	2.15	107	2.00	0.0485	
Ethylbenzene*	< 0.050	0.050	03/05/2022	ND	2.12	106	2.00	0.478	
Total Xylenes*	<0.150	0.150	03/05/2022	ND	6.55	109	6.00	0.663	
Total BTEX	<0.300	0.300	03/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/07/2022	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	03/07/2022	ND	208	104	200	1.13	
DRO >C10-C28*	<10.0	10.0	03/07/2022	ND	200	99.8	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	03/07/2022	ND					
Surrogate: 1-Chlorooctane	82.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.5	% 59.5-14	2						

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.

Celey D. Keene



03/03/2022

Cool & Intact

Tamara Oldaker

Soil

Analytical Results For:

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

Received: 03/03/2022 Reported: 03/08/2022

03/08/2022 Sampling Type:
RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition:

Sampling Date:

Project Name: RED Hi Project Number: 15507

Project Number: 15507 Sample Received By: Project Location: MEWBOURNE

Sample ID: EH 4 @ SURFACE (H220846-09)

TEX 8021B	mg	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2022	ND	2.19	109	2.00	0.514	
Toluene*	<0.050	0.050	03/05/2022	ND	2.15	107	2.00	0.0485	
Ethylbenzene*	<0.050	0.050	03/05/2022	ND	2.12	106	2.00	0.478	
Total Xylenes*	<0.150	0.150	03/05/2022	ND	6.55	109	6.00	0.663	
Total BTEX	<0.300	0.300	03/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/07/2022	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	03/07/2022	ND	208	104	200	1.13	
DRO >C10-C28*	<10.0	10.0	03/07/2022	ND	200	99.8	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	03/07/2022	ND					
Surrogate: 1-Chlorooctane	82.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.4	% 59.5-14	22						

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.

Celey D. Keine



03/03/2022

Soil

Analytical Results For:

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

Received: 03/03/2022 Sampling Date:
Reported: 03/08/2022 Sampling Type:

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE

Sample ID: EH 4 @ 1' (H220846-10)

TEX 8021B	mg,	кg	Anaiyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2022	ND	2.19	109	2.00	0.514	
Toluene*	<0.050	0.050	03/05/2022	ND	2.15	107	2.00	0.0485	
Ethylbenzene*	<0.050	0.050	03/05/2022	ND	2.12	106	2.00	0.478	
Total Xylenes*	<0.150	0.150	03/05/2022	ND	6.55	109	6.00	0.663	
Total BTEX	<0.300	0.300	03/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/07/2022	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	03/07/2022	ND	208	104	200	1.13	
DRO >C10-C28*	<10.0	10.0	03/07/2022	ND	200	99.8	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	03/07/2022	ND					
Surrogate: 1-Chlorooctane	77.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.9	% 59.5-14	2						

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.

Celey 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.

Celeg D. Freene

O .

NoRush

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

1 of)

Page 13 of 13

Released to Imaging: 6/17/2024 12:53:26 PM

Company Name:	Etech Environmental & Safety Sol		, inc	.	BI	LTO					ANAL	YSIS R	EQUEST	
Project Manager:	Lance Crenshaw				P.O. #:									
Address POR	Roy 301				Company: M	e wboul	16							
City: Lovington-	Hobbs State: NM 396-2378 Fax #: (575) O7 Project Own d Hills West 21 Fed Com Mewbourne Oil Company	Zip:	88	260-88240	Attn: Robbi	e Rusa	els							
Phone #: (575)	396-2378 Fax #: (575)	396-1	429	0 0 01 1 0	Address:									
Project #: 5 5	07 Project Own	er: R	U.	e Records	City	_								
Project Name: R	J File Dat 21 Fd C.	211	R	11	State:	7in:	-		E	18				
Project Location:	M L G-1 C	à II	Un	Hery	Dhone #1	ap.	_	ride	015	802				
Sampler Name: E	Emposite O'I combard				Fax #:			Chloride	TPH (8015M)	BTEX (8021B)				
FOR LAB USE ONLY	MC Flogier	T		MATRIX	PRESERV.	SAMPLI	NG	0	TP	3TE		1		
Lab I.D. H270846	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	ER	in Fr	DATE	TIME							
AND THE PERSON NAMED IN COLUMN 2 IN COLUMN	VHIOS.f.	G	T	1	1	3-3-22		1	1	1				
21	VH 10 1'	G	1	1	1	7		1	1	1				
3 E	= Hlesuf.	G	i	1	1	(1	1	1				
4 1	Heli	G	1	1	1	>		1	V	1				
5 1	EH2esuf.	G	1	1	1	(1	./	1				
6 8	EH ae I'	G	1	1	1	>		1	1	1				
7 1	EH3eSuf.	G	1	1	1			1	1	1				
8 1	H3e1'	G	I	1	1	>		1	1	1				
91	EH4eS.f.	G	1	1	1	<		/	1	1				
D	EH 4e1.	G	1	1	V			1	4					
analyses All claims including the service. In no event shall Cardinal affiliates or successors arising a Relinquished By: Relinquished By: Relinquished By:	remages. Cardinar's lability and client's suctuaive remedy for hose for negligence and any other cause whateover shall not heat the faiths for incidental or consequented demages, included of or related to the performance of seneral betweender in Tarte: Uate: Time: (Circle One) Bus - Other: 3.6c	Re	ceiv	ed unless made in writing and unless made in writing and utlan, business interruptions, i decisions of whother such claim red By:	d received by Cardinal vil lose of use, or lose of pro- is based upon any of the	thin 30 days after this incurred by ci above stated re-	completion of the flow, its subsidier is subsidier is subsidier is subsidier is subsidier in the flow	se application, in second seco	O Ye	es 🖸		ax #:		

FORM-006 Revision 1.0



March 10, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS WEST 21 FED COM 2H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/04/22 15:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 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,

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: 03/04/2022 Sampling Date: 03/03/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATT! Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Jodi Henson

A .. . l. d D. .. 311

Project Location: MEWBOURNE

Sample ID: SP 1 @ SURFACE (H220874-01)

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	03/08/2022	ND	2.04	102	2.00	4.39	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	103	2.00	7.97	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.30	105	6.00	7.51	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	03/08/2022	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	03/09/2022	ND	195	97.6	200	26.1	
DRO >C10-C28*	57.6	10.0	03/09/2022	ND	197	98.4	200	13.0	
EXT DRO >C28-C36	12.3	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	86.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.4	% 59.5-14	2						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 03/04/2022 Sampling Date: 03/03/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact Sample Received By: Project Number: 15507 Jodi Henson

Project Location: **MEWBOURNE**

Sample ID: SP 1 @ 8' (H220874-02)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	2.04	102	2.00	4.39	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	103	2.00	7.97	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.30	105	6.00	7.51	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/08/2022	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	03/09/2022	ND	195	97.6	200	26.1	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	197	98.4	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	87.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.7	% 59.5-14	2						

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:

Received: 03/04/2022 Sampling Date: 03/03/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Jodi Henson

Applyzod By: 14

Project Location: MEWBOURNE

Sample ID: SP 2 @ SURFACE (H220874-03)

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	03/08/2022	ND	2.04	102	2.00	4.39	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	103	2.00	7.97	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.30	105	6.00	7.51	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	03/08/2022	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	03/09/2022	ND	195	97.6	200	26.1	
DRO >C10-C28*	33.9	10.0	03/09/2022	ND	197	98.4	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	83.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.8	% 59.5-14	2						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 03/04/2022 Sampling Date: 03/03/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Jodi Henson

Analyzed By: JH

Project Location: MEWBOURNE

mg/kg

Sample ID: SP 2 @ 14' (H220874-04)

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	03/08/2022	ND	2.04	102	2.00	4.39	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	103	2.00	7.97	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.30	105	6.00	7.51	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 69.9-14	0						
Chloride, SM4500CI-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	03/08/2022	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	03/09/2022	ND	195	97.6	200	26.1	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	197	98.4	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	81.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.4	% 59.5-14	2						

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.

Celey & Keene



Analytical Results For:

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

Fax To:

Received: 03/04/2022 Sampling Date: 03/03/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact Project Number: Sample Received By: 15507 Jodi Henson

Project Location: **MEWBOURNE**

Sample ID: SP 3 @ SURFACE (H220874-05)

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	03/08/2022	ND	2.04	102	2.00	4.39	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	103	2.00	7.97	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.30	105	6.00	7.51	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	03/08/2022	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	03/09/2022	ND	198	99.2	200	4.39	
DRO >C10-C28*	23.1	10.0	03/09/2022	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	82.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.9	% 59.5-14	2						

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:

Received: 03/04/2022 Sampling Date: 03/03/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact Sample Received By: Project Number: 15507 Jodi Henson

Project Location: **MEWBOURNE**

Sample ID: SP 3 @ 6' (H220874-06)

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	03/08/2022	ND	2.04	102	2.00	4.39	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	103	2.00	7.97	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.30	105	6.00	7.51	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/08/2022	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	03/09/2022	ND	198	99.2	200	4.39	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	88.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.3	% 59.5-14	2						

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:

Received: 03/04/2022 Sampling Date: 03/03/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Jodi Henson

Applyzod By: 14

Project Location: MEWBOURNE

Sample ID: SP 4 @ SURFACE (H220874-07)

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	03/08/2022	ND	2.04	102	2.00	4.39	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	103	2.00	7.97	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.30	105	6.00	7.51	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1620	16.0	03/08/2022	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	03/09/2022	ND	198	99.2	200	4.39	
DRO >C10-C28*	178	10.0	03/09/2022	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	81.6	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	84.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.5	% 59.5-14	2						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 03/04/2022 Sampling Date: 03/03/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact Sample Received By: Project Number: 15507 Jodi Henson

Project Location: **MEWBOURNE**

Sample ID: SP 4 @ 4' (H220874-08)

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	03/08/2022	ND	2.04	102	2.00	4.39	
Toluene*	< 0.050	0.050	03/08/2022	ND	2.05	103	2.00	7.97	
Ethylbenzene*	< 0.050	0.050	03/08/2022	ND	2.02	101	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.30	105	6.00	7.51	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	03/08/2022	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	03/09/2022	ND	198	99.2	200	4.39	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	100 %	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.6	% 59.5-14	2						

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:

Received: 03/04/2022 Sampling Date: 03/04/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Jodi Henson

Analyzed By: JH

Project Location: MEWBOURNE

mg/kg

Sample ID: SP 5 @ SURFACE (H220874-09)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	2.04	102	2.00	4.39	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	103	2.00	7.97	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.30	105	6.00	7.51	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3520	16.0	03/08/2022	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	03/09/2022	ND	198	99.2	200	4.39	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	96.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.3	% 59.5-14	2						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 03/04/2022 Sampling Date: 03/04/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Jodi Henson

Project Location: MEWBOURNE

Sample ID: SP 5 @ 4' (H220874-10)

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	03/08/2022	ND	2.04	102	2.00	4.39	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	103	2.00	7.97	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.30	105	6.00	7.51	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/08/2022	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	03/09/2022	ND	198	99.2	200	4.39	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	89.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.0	% 59.5-14	22						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 03/04/2022 Sampling Date: 03/04/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Jodi Henson

Analyzed By: MS

Project Location: MEWBOURNE

mg/kg

Sample ID: SP 6 @ SURFACE (H220874-11)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	1.97	98.4	2.00	5.35	
Toluene*	<0.050	0.050	03/08/2022	ND	1.98	99.1	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	1.91	95.6	2.00	5.47	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	5.97	99.5	6.00	4.37	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6080	16.0	03/08/2022	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	03/09/2022	ND	198	99.2	200	4.39	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	91.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.8	% 59.5-14	2						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 03/04/2022 Sampling Date: 03/04/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Jodi Henson

Applyzod By: MC

Project Location: MEWBOURNE

ma/ka

Sample ID: SP 6 @ 8' (H220874-12)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	1.97	98.4	2.00	5.35	
Toluene*	<0.050	0.050	03/08/2022	ND	1.98	99.1	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	1.91	95.6	2.00	5.47	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	5.97	99.5	6.00	4.37	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	03/08/2022	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	03/09/2022	ND	198	99.2	200	4.39	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	88.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.2	% 59.5-14	2						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 03/04/2022 Sampling Date: 03/04/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Jodi Henson

Analyzed By: MS

Project Location: MEWBOURNE

mg/kg

Sample ID: SP 7 @ SURFACE (H220874-13)

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	03/08/2022	ND	1.97	98.4	2.00	5.35	
Toluene*	<0.050	0.050	03/08/2022	ND	1.98	99.1	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	1.91	95.6	2.00	5.47	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	5.97	99.5	6.00	4.37	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6560	16.0	03/09/2022	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	03/09/2022	ND	198	99.2	200	4.39	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	91.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.8	% 59.5-14	2						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 03/04/2022 Sampling Date: 03/04/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Jodi Henson

Project Location: MEWBOURNE

Sample ID: SP 7 @ 6' (H220874-14)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	1.97	98.4	2.00	5.35	
Toluene*	<0.050	0.050	03/08/2022	ND	1.98	99.1	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	1.91	95.6	2.00	5.47	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	5.97	99.5	6.00	4.37	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	03/09/2022	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	03/09/2022	ND	198	99.2	200	4.39	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	91.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.1	% 59.5-14	2						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 03/04/2022 Sampling Date: 03/04/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Jodi Henson

Project Location: MEWBOURNE

Sample ID: SP 8 @ SURFACE (H220874-15)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	1.97	98.4	2.00	5.35	
Toluene*	<0.050	0.050	03/08/2022	ND	1.98	99.1	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	1.91	95.6	2.00	5.47	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	5.97	99.5	6.00	4.37	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	03/09/2022	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	03/09/2022	ND	198	99.2	200	4.39	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	96.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.1	% 59.5-14	12						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 03/04/2022 Sampling Date: 03/04/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact Project Number: 15507 Sample Received By: Jodi Henson

Project Location: **MEWBOURNE**

Sample ID: SP 8 @ 8' (H220874-16)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	1.97	98.4	2.00	5.35	
Toluene*	<0.050	0.050	03/08/2022	ND	1.98	99.1	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	1.91	95.6	2.00	5.47	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	5.97	99.5	6.00	4.37	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/09/2022	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	03/09/2022	ND	198	99.2	200	4.39	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	92.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.7	% 59.5-14	2						

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:

Received: 03/04/2022

Sampling Date: 03/04/2022

Reported: 03/10/2022
Project Name: RED HILLS WEST 21 FED COM 2H BATTE

Sampling Type: Soil

Project Name: RED H.
Project Number: 15507

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Project Location: MEWBOURNE

Sample ID: EH 5 @ SURFACE (H220874-17)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	1.97	98.4	2.00	5.35	
Toluene*	<0.050	0.050	03/08/2022	ND	1.98	99.1	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	1.91	95.6	2.00	5.47	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	5.97	99.5	6.00	4.37	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/09/2022	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	03/09/2022	ND	198	99.2	200	4.39	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	98.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.3	% 59.5-14	22						

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.

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: 03/04/2022 Sampling Date: 03/04/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Jodi Henson

Analyzed By: MS

Project Location: MEWBOURNE

mg/kg

Sample ID: EH 5 @ 1' (H220874-18)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	1.97	98.4	2.00	5.35	
Toluene*	<0.050	0.050	03/08/2022	ND	1.98	99.1	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	1.91	95.6	2.00	5.47	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	5.97	99.5	6.00	4.37	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-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	03/09/2022	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	03/09/2022	ND	198	99.2	200	4.39	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	97.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.9	% 59.5-14	2						

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.

Celey D. Keene



Sample Received By:

03/04/2022

Jodi Henson

Analytical Results For:

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

Received: 03/04/2022 Sampling Date:

Reported: 03/10/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H BATT! Sampling Condition: Cool & Intact

Project Number: 15507

Project Location: MEWBOURNE

Sample ID: SH 1 @ SURFACE (H220874-19)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	1.97	98.4	2.00	5.35	
Toluene*	<0.050	0.050	03/08/2022	ND	1.98	99.1	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	1.91	95.6	2.00	5.47	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	5.97	99.5	6.00	4.37	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/09/2022	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	03/09/2022	ND	198	99.2	200	4.39	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	88.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.1	% 59.5-14	2						

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 inclured by client; is 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:

Received: 03/04/2022 Sampling Date: 03/04/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Jodi Henson

Project Location: MEWBOURNE

Sample ID: SH 1 @ 1' (H220874-20)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	1.97	98.4	2.00	5.35	
Toluene*	<0.050	0.050	03/08/2022	ND	1.98	99.1	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	1.91	95.6	2.00	5.47	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	5.97	99.5	6.00	4.37	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/09/2022	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	03/09/2022	ND	198	99.2	200	4.39	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	99.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.5	% 59.5-14	2						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 03/04/2022 Sampling Date: 03/04/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Jodi Henson

Applyzod By: MC

Project Location: MEWBOURNE

Sample ID: WH 1 @ SURFACE (H220874-21)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	1.97	98.4	2.00	5.35	
Toluene*	<0.050	0.050	03/08/2022	ND	1.98	99.1	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	1.91	95.6	2.00	5.47	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	5.97	99.5	6.00	4.37	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/09/2022	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	03/09/2022	ND	198	99.2	200	4.39	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	91.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.1	% 59.5-14	2						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 03/04/2022 Sampling Date: 03/04/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Jodi Henson

Analyzed By: MS

Project Location: MEWBOURNE

mg/kg

Sample ID: WH 1 @ 1' (H220874-22)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	a by. 1-15					
Analyte	e Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	1.97	98.4	2.00	5.35	
Toluene*	<0.050	0.050	03/08/2022	ND	1.98	99.1 2.00		5.59	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND 1.91		95.6	2.00	5.47	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	5.97	99.5	6.00	4.37	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/09/2022	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	03/09/2022	ND	198	99.2	200	4.39	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	96.9 % 66.9-136		6						
Surrogate: 1-Chlorooctadecane	93.4	% 59.5-14	2						

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. Keine



Analytical Results For:

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

Fax To:

Received: 03/04/2022 Sampling Date: 03/04/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact Sample Received By: Jodi Henson Project Number: 15507

Project Location: **MEWBOURNE**

Sample ID: WH 2 @ SURFACE (H220874-23)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	1.97	98.4	2.00	5.35	
Toluene*	<0.050	0.050	03/08/2022	ND	1.98	99.1	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	1.91	95.6	2.00	5.47	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	5.97	99.5	6.00	4.37	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/09/2022	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	03/09/2022	ND	198	99.2	200	4.39	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	97.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.1	% 59.5-14	2						

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:

Received: 03/04/2022 Sampling Date: 03/04/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Jodi Henson

Project Location: MEWBOURNE

Sample ID: WH 2 @ 1' (H220874-24)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	1.97	98.4	2.00	5.35	
Toluene*	<0.050	0.050	03/08/2022	ND	1.98	99.1	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	1.91	95.6	2.00	5.47	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	5.97	99.5	6.00	4.37	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/09/2022	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	03/09/2022	ND	198	99.2	200	4.39	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	186	92.8	200	1.74	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	95.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.3	% 59.5-14	2						

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. Keine



Analytical Results For:

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

Fax To:

Received: 03/04/2022 Sampling Date: 03/04/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact Project Number: Sample Received By: Jodi Henson 15507

Project Location: **MEWBOURNE**

Sample ID: WH 3 @ SURFACE (H220874-25)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	1.97	98.4	2.00	5.35	
Toluene*	<0.050	0.050	03/08/2022	ND	1.98	99.1	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	1.91	95.6	2.00	5.47	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	5.97	99.5	6.00	4.37	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/09/2022	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	03/09/2022	ND	211	105	200	14.0	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	193	96.4	200	18.5	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	82.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.7	% 59.5-14	2						

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:

Received: 03/04/2022 Sampling Date: 03/04/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Jodi Henson

Project Location: MEWBOURNE

Sample ID: WH 3 @ 1' (H220874-26)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	1.97	98.4	2.00	5.35	
Toluene*	<0.050	0.050	03/08/2022	ND	1.98	99.1	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	1.91	95.6	2.00	5.47	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	5.97	99.5	6.00	4.37	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/09/2022	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	03/09/2022	ND	211	105	200	14.0	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	193	96.4	200	18.5	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	84.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.6	% 59.5-14	22						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 03/04/2022 Sampling Date: 03/04/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact Jodi Henson Project Number: 15507 Sample Received By:

Project Location: **MEWBOURNE**

Sample ID: WH 4 @ SURFACE (H220874-27)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	1.97	98.4	2.00	5.35	
Toluene*	<0.050	0.050	03/08/2022	ND	1.98	99.1	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	1.91	95.6	2.00	5.47	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	5.97	99.5	6.00	4.37	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/09/2022	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	03/09/2022	ND	211	105	200	14.0	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	193	96.4	200	18.5	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	92.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.0	% 59.5-14	2						

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:

Received: 03/04/2022 Sampling Date: 03/04/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Jodi Henson

Project Location: MEWBOURNE

Sample ID: WH 4 @ 1' (H220874-28)

2.00 2.00 2.00 2.00 6.00	5.35 5.59 5.47 4.37	Qualifier
2.00 2.00	5.59 5.47	
2.00	5.47	
6.00	4.37	
True Value QC	C RPD	Qualifier
400	3.77	
True Value QC	C RPD	Qualifier
200	14.0	
200	18.5	
_		

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 03/04/2022 Sampling Date: 03/04/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: Cool & Intact Sample Received By: Jodi Henson Project Number: 15507

Project Location: **MEWBOURNE**

Sample ID: WH 5 @ SURFACE (H220874-29)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	1.97	98.4	2.00	5.35	
Toluene*	<0.050	0.050	03/08/2022	ND	1.98	99.1	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	1.91	95.6	2.00	5.47	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	5.97	99.5	6.00	4.37	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/09/2022	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	03/09/2022	ND	211	105	200	14.0	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	193	96.4	200	18.5	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	94.1 % 66.9-136		6						
Surrogate: 1-Chlorooctadecane	89.4	% 59.5-14	2						

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:

Received: 03/04/2022 Sampling Date: 03/04/2022

Reported: 03/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Jodi Henson

Project Location: MEWBOURNE

Sample ID: WH 5 @ 1' (H220874-30)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	1.97	98.4	2.00	5.35	
Toluene*	<0.050	0.050	03/08/2022	ND	1.98	99.1	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	1.91	95.6	2.00	5.47	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	5.97	99.5	6.00	4.37	
Total BTEX	<0.300	0.300	03/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Analyte Result Reporting Lin		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/09/2022	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	03/09/2022	ND	211	105	200	14.0	
DRO >C10-C28*	21.8	10.0	03/09/2022	ND	193	96.4	200	18.5	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					
Surrogate: 1-Chlorooctane	106	106 % 66.9-136							
Surrogate: 1-Chlorooctadecane	107	% 59.5-14	2						

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. Keene



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
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

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 is 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. Freene

RDINAL LABORATORIES

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

Company Name: Etech Environmental		BILL TO	ANALYSIS REQUEST
Project Manager: Lance Crens	haw	P.O. #:	
Address: P.O. Box 301		Company: Mewbourne	
City: Lovington- Hobbs S	tate: NM Zip: 88260 88240	MAttn: Rallin P.	
Phone #: (575) 396-2378 F	ax #: (575) 396-1429	Address:	
Project #: 15507 F	roject Owner: P. II: P	City:	
Project Name: R H-11 11 +	21 Falc 24 R H	State: Zip:	1 (g) (H) (H) (H) (H) (H) (H) (H) (H) (H) (H
Phone #: (575) 396-2378 Project #: 1550 7 Project Name: Red Hills West Project Location: Member (ne 0) Sampler Name: Eric Mojica	C Lea Coman Dellery	Phone #:	Chloride TPH (8015M) BTEX (8021B)
Sampler Name: Fric Mojica	Company	Fax #:	oid hio
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	
	G)RAB OR (C)OMP # CONTAINERS SROUNDWATER WASTEWATER SOIL		
Lab I.D. Sample I.D	(G)RAB OR (C)ON # CONTAINERS GROUNDWATER WASTEWATER SOIL	# d	
	UNITA	IMIL STATER:	
14220874	(G)R WAS SOIL	MIL STAD	
-01 SPles,f.	GII	1 3-3-22	
02 SPIE8	GII	1	J J J
03 SPZeS.f.	GII	1	111
04 26 36 14,	GIIV	1	V V V
05 SP3 es., f.	GII	1)	V V V
00 26309,	GIIV	1 1	V V V
07 SP4eSuf.	G I V	1 / /	111
08 SP4e4'	GIV	V / / / / / / / / / / / / / / / / / / /	V V V
09 SP5@S.f.	GIIV	3.4.22	111
PLEASE NOTE: Liability and Damages. Cardinal's flability and offent's	GU	ort or ford should be finished to the amount poid by the offer	d for the
analyses All claims including those for negligence and any other cause	whitenover shall be deemed waived unless made in writing		of the applicable
affiliates or successors arising out of or related to the performence of sellinguished By:	rvices hereunder by Cardinal, regardless of whether such dia	im is based upon any of the above stated reasons or other	erwse
	Received By:		
Ci Moja	15:45 Day	REMAR	RKS:
Relinquished By:	late: Received By:		
1	ime:		and the second of the second o
Delivered By: (Circle One)	5.100 Sample Cond	ition CHECKED/By	e email results to pm@etechenv.com.
Sampler - UPS - Bus - Other:	Sample Cond Cool Intact Pyes Ty	es Unitials	
	gla I No I	No y	
FORM-006	† Cardinal cannot accept v	erbal changes. Please fax writte	n changes to 575-393-2476
Revision 1.0			

Released to Imaging: 6/17/2024 12:53:26 PM

ARDINAL LABORATORIES

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

2 of 3

Company Name	e: Etech Environmental & Safety Solu	_	, In	2.				T		E	3/1	LTO						AN	ALY:	SIS	RE	QUE	ST		
Project Manage	er. Lance Crenshaw							P.	0. #.								T	T	T						
Address: P.C	D. Box 301							Co	mpa	any:	M	ewhou	ne												
City: Lovingt	on- Hobbs State: NM 5) 396-2378 Fax #: (575):	Zip	: 88	260	-89	82	40	At	tn: K	de	bis	Russe	15							1					
Phone #: (57	(5) 396-2378 Fax #: (575):	396-1	429					Ad	dres	18:		1,000									-1				
Project #: 15	507 Project Owner	r: R	· h		R			Ci															İ		
Project Name:	Red Hills West 2 Fed Can 2	1 8	#	14	LUA	noi	3	1	ate:		-	Zip:			W	18									
Project Locatio	507 Project Owner Red Hills West 2 Fed Com 2 n: Mawbourne Dil Company		215	3					one	#-	_			PL	101	802									
Sampler Name:	Eric Mojica				_			1	x#:	W.				Chloride	FPH (8015M)	BTEX (8021B)									
FOR LAB USE ONLY	I I	Т	Т		M	ATR	IX	1. 0	_	SER	RV.	SAMPLI	NG		4	BTE									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	Oll	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME												
11	SP & c Suff.	G			J			T		1	_	3.4.22		1	V	1									
12	SPBOSuff.	G	1		1	1				1		>		1	J	1									
13	SP7e Suf.	G	1		N	-				1		<		1	1	V									
14	SP7eb'	G	1		1	1				1		>		1	1	V									
15	SP8 eSuit.	6	1		V					1	T			1	1	1									
Ko	26808.	G	1		1	1				1				V	1	1									
17	EH 5eSvit.	G	1		1	1				1				√	1	1									
(8)	EH 5el'	G	1		1	1				1				V	1	1									
19	SHIES.f.	G	1		1					V				1	V	1									
20	SHIEL	G	1		V					V				V	V	V									
Relinquished B	cardinal be liable for incidental or consequential deranges, including out of or related to the performance of services hereunder by Date: 3.4-22	Re Re	Cej	red I	os med niteros (wheth By:	e in wei	iling on privons, in claim	inua o	tues, a sed upo	Curding to the control of the contro	of the	in incurred by distrove stated res		ios, io. sult: t: S:	☐ Ye	s [No No m@	Add	I Pho I Fax	#:					

FORM-006 Revision 1.0

Received by OCD: 6/7/2024 3:44:33 PM

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Released to Imaging: 6/17/2024 12:53:26 PM

RDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	mpany Name: Etech Environmental & Safety Solutions, Inc. Dject Manager: Lance Creashaw							8/	4410					ANAI	YSIS	REQ	UEST			
						P.O.	#:													
Address: P.O	. Box 301					Con	npan	y: /	lewhou	ne										
City: -Levingte	State: NM	Zip	88	260-8824	0				Runne											
	5) 396-2378 Fax #: (575) 3	96-1	429			Add														
Project #: 15!	5) 396-2378 Fax #: (575) 3 507 Project Owne Red Hills West 2 Fed Com 8	r: R	. 11:	e Russl.		City														
Project Name:	Red Hills West 21 Fed Com	1 H	B.	Herr		Stat			Zip:			SM)	118							
Project Location	n: Mawbourne Oil Company	XII	P	11-17		Pho					말	301	80							
Sampler Name:	Eric Majica					Fax	-				Chloride	IPH (8015M)	3TEX (8021B)							
FOR LAB USE ONLY	3	Г		MATR	RIX	P	RES	ERV.	SAMPLI	NG		7	BT							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME										
21	WHIes, t.	G	1	1			V		3.4.22		1	1	1							
22	MHIel.	G	1	J			V	/	>		V	1	V							
_ 23	WH2eSut.	G	1	1			V	/			V	1	1							
24	WH 201' WH 305.f.	G	1	1			V				1	V	1							
25	WH3esuf.	G	1	1	1		V	/	_		V	1	V				-			-
26	MH301.	G	1	V	-	1	V	/)		1	/	1		\vdash				-	
	WH4eSuf.	G	1	V	-		V		_		1	/	V			-	-	+		-
85	MH401	G	1	1	+	-	V		-		1	1	V		-		-	+-	-	-
29	WH5e Suff.	G	1	V	-	\perp	V		-		V	1	V			-	-			
PLEASE NOTE: Liability or	WH 5 €). Darmages. Cardinal's liability and client's exclusive remedy for	G chair	n arisi	ng whether besed in	contract	or tort, a	V shall be	Sorbed	to the amount pai	i by the client for	the	V	IV							
	ing those for negligence and any other cause whetever shall be ardined be liable for incidental or consequental damages, includin	deeme	d weiv	red unices made in w	olding and	d receive	d by C					ble								
	w: Cate: 3.4.22 Time:5:45 V: Date:	Re	Cei	ved By:		is based	upon a	ny of the	e above stated re-		se. sult: lt:	□ Ye			Phone # Fax #:					
Delivered By: (Circle One) 562 #13 Cool Inta						lom !	CI		ED BY:	Please email results to pm@etechenv.com.										

FORM-006 Revision 1.0

Received by OCD: 6/7/2024 3:44:33 PM

† Cardinal cannot accept verbal changes. Please fait written changes to 575-393-2476

Page 35 of 35



May 13, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS WEST 21 FED COM 2H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/11/22 16:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 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: 05/11/2022 Sampling Date: 05/11/2022

Reported: 05/13/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: SW 1 B (H222002-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.10	105	2.00	1.39	
Toluene*	<0.050	0.050	05/12/2022	ND	2.07	103	2.00	2.06	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	1.95	97.7	2.00	1.31	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.06	101	6.00	1.97	
Total BTEX	<0.300	0.300	05/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/12/2022	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	05/12/2022	ND	211	105	200	10.8	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	198	99.1	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					
Surrogate: 1-Chlorooctane	116	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	117 9	% 59.5-14	2						

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.

Celey & Keene



Analytical Results For:

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

Fax To:

Received: 05/11/2022 Sampling Date: 05/11/2022

Reported: 05/13/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: WW 1 E (H222002-02)

BTEX 8021B	mg,	'kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.10	105	2.00	1.39	
Toluene*	<0.050	0.050	05/12/2022	ND	2.07	103	2.00	2.06	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	1.95	97.7	2.00	1.31	
Total Xylenes*	<0.150 0.150		05/12/2022	ND	6.06	101	6.00	1.97	
Total BTEX	<0.300	0.300	05/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	70						
Chloride, SM4500CI-B	mg	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/12/2022	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	05/12/2022	ND	211	105	200	10.8	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	198	99.1	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					
Surrogate: 1-Chlorooctane	116	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	118	% 59.5-14	2						

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 & Frence



Analytical Results For:

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

Fax To:

Received: 05/11/2022 Sampling Date: 05/11/2022

Reported: 05/13/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC/

Project Location: MEWBOURNE - JAL, NM

ma/ka

Sample ID: NW 1 A (H222002-03)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.10	105	2.00	1.39	
Toluene*	<0.050	0.050	05/12/2022	ND	2.07	103	2.00	2.06	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	1.95	97.7	2.00	1.31	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.06	101	6.00	1.97	
Total BTEX	<0.300	0.300	05/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/12/2022	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	05/12/2022	ND	211	105	200	10.8	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	198	99.1	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					
Surrogate: 1-Chlorooctane	115	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	114	% 59.5-14	2						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 05/11/2022 Sampling Date: 05/11/2022

Reported: 05/13/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: SW 3 B (H222002-04)

BTEX 8021B	mg	/kg	Analyze	ed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2022	ND	2.10	105	2.00	1.39	
Toluene*	<0.050	0.050	05/13/2022	ND	2.07	103	2.00	2.06	
Ethylbenzene*	<0.050	0.050	05/13/2022	ND	1.95	97.7	2.00	1.31	
Total Xylenes*	<0.150	0.150	05/13/2022	ND	6.06	101	6.00	1.97	
Total BTEX	<0.300	0.300	05/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/12/2022	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	05/12/2022	ND	211	105	200	10.8	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	198	99.1	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					
Surrogate: 1-Chlorooctane	115	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	116	% 59.5-14	22						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 05/11/2022 Sampling Date: 05/11/2022

Reported: 05/13/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: **(

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: WW 2 A (H222002-05)

BTEX 8021B	mg	/kg	Analyze	ed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2022	ND	2.10	105	2.00	1.39	
Toluene*	<0.050	0.050	05/13/2022	ND	2.07	103	2.00	2.06	
Ethylbenzene*	< 0.050	0.050	05/13/2022	ND	1.95	97.7	2.00	1.31	
Total Xylenes*	<0.150	0.150	05/13/2022	ND	6.06	101	6.00	1.97	
Total BTEX	<0.300	0.300	05/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/12/2022	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	05/12/2022	ND	211	105	200	10.8	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	198	99.1	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					
Surrogate: 1-Chlorooctane	118	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	120	% 59.5-14	22						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 05/11/2022 Sampling Date: 05/11/2022

Reported: 05/13/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Applyzod By: MC/

Project Location: MEWBOURNE - JAL, NM

ma/ka

Sample ID: SW 2 B (H222002-06)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2022	ND	2.10	105	2.00	1.39	
Toluene*	<0.050	0.050	05/13/2022	ND	2.07	103	2.00	2.06	
Ethylbenzene*	<0.050	0.050	05/13/2022	ND	1.95	97.7	2.00	1.31	
Total Xylenes*	<0.150	0.150	05/13/2022	ND	6.06	101	6.00	1.97	
Total BTEX	<0.300	0.300	05/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	05/12/2022	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	05/12/2022	ND	211	105	200	10.8	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	198	99.1	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					
Surrogate: 1-Chlorooctane	113	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	114	% 59.5-14	2						

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.

Celey 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 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

၈

Page 9 of 9

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manager: Lance Crendinal					P.O. #:						KEQUI	-51											
Project Manager:								P.0	D. #.	:					T								
ddress: P.O. B	Box 301							Co	mpa	any	:	Etec	h						- 1				
city: Lovington	State: NM	Zip	: 88	260				Att	n:														
Phone #: (575) 3	396-2378 Fax #: (575) 3	96-1	1429)				Ad	dres	5S:													
Project #:	Project Owner							Cit	y:														
Project Name:	Red Hills West 1	21	fec	10	an	21	#	Sta	ate:	NI	u	Zip: 82	60	9		IFT (6015M)	BTEX (8021B)						
Project Location:	Nominic Casar							Ph	one	#:				Chloride	3	20	(80						
Sampler Name:	Dominic Casar	e	1	_				Fa	x #:					등		E	E						
FOR LAB USE ONLY		Γ.	Т		M	ATRI	IX		PRI	ESE	RV.	SAMPL	ING		1	=	19						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME										
9 / 3	MIB	Г	Т		1	1						5 11	4:40) [f						
21	VWIE				1							511	4.40										
3/	VWIA				1							5 11	4:40		Ш								_
45	W3B	L	-		1			Ш				511	4.40	2 4	4	4	4		-				
5 h	11/24	L	1		-	1	4	<u> </u>	Ш		Ц	51/	446	1	-	-	4,		-	-	-	_	_
45	W23	┡	╀	-	-	1	+		_	_	Н		-	+	+	\dashv	_		-	_	-		-
		⊢	₽		-	+	+		H	_	Н		-	+	+	\dashv			-+	+	+	-	-
-		┞	\vdash		-	-	-	-	Н		Н		-	+	+	-			\rightarrow	_	+		+
_		⊢	\vdash	\vdash	+	+	+		\vdash	-	-		_	+	+	-			+	_			+
	ternages, Cardinal's liability and client's acclusive remedy for a																					-	
ervice. In no event shall Cardin	hose for negligence and any other cause whatesever shall be o mel be liable for incidented or consequental demages, including	witho	ut iheli	lation, i	outness.	interru	uptions, i	loss of	f use, i	or loss	s of pro	offite incurred by	client, its subs	idiaries,	icable	_							
Misses or successors arising on Relinquished By:	out of or related to the performance of services hereunder by C			ved		ier such	h claim	is bes	ed up	on any	of the	sabove stated	Phone	Result:		Yes		No Add'l P		2			
Deminis	Date: S-11-22 Received By: Date: S-11-22 Received By: Time: 1642 Mullita				0	/	111		1	40	Fax Res		Ó	Yes		No Add'l F	X #:						
olinquished By: Date: Received By:				10	14	(4	a		gre														
								1															
	Time:											Please	email	l res	ults	to pn	@etechenv	com.					
Delivered By: (Circle One) 27.0 c C-0.5c Sample Conditate									ED BY: lals)														
Sampler - UPS -	pler - UPS - Bus - Other:					es [Yes	8			7												

FORM-006 Revision 1.0

Received by OCD: 6/7/2024 3:44:33 PM



June 23, 2022

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

RE: RED HILLS WEST 21 FED COM 2H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/13/22 16:19.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 accred 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. Keene

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:

Project: RED HILLS WEST 21 FED COM 2H

Etech Environmental & Safety Solutions

2617 W MARLAND Project Number: 15507

HOBBS NM, 88240 Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:25

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW 4 A	H222057-01	Soil	13-May-22 16:16	13-May-22 16:19
EW 1 B	H222057-02	Soil	13-May-22 16:16	13-May-22 16:19
NW 3 B	H222057-03	Soil	13-May-22 16:16	13-May-22 16:19
EW 2 B	H222057-04	Soil	13-May-22 16:16	13-May-22 16:19
SW 5 A	H222057-05	Soil	13-May-22 16:16	13-May-22 16:19
WW 3 B	H222057-06	Soil	13-May-22 16:16	13-May-22 16:19
NW 2 C	H222057-07	Soil	13-May-22 16:16	13-May-22 16:19
WW 4	H222057-08	Soil	13-May-22 16:16	13-May-22 16:19
EW 3 A	H222057-09	Soil	13-May-22 16:16	13-May-22 16:19

06/23/22 - Client changed the sample ID on -08. This is the revised report and will replace the one sent on 05/18/22.

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: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:25

SW 4 A H222057-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes				
			Cardina	ıl Laborat	ories									
Inorganic Compounds	· ·													
Chloride	176		16.0	mg/kg	4	2051702	GM	17-May-22	4500-Cl-B					
Volatile Organic Compounds by	y EPA Method	8021												
Benzene*	< 0.050		0.050	mg/kg	50	2051604	JН	17-May-22	8021B					
Toluene*	< 0.050		0.050	mg/kg	50	2051604	JH	17-May-22	8021B					
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2051604	JH	17-May-22	8021B					
Total Xylenes*	< 0.150		0.150	mg/kg	50	2051604	JH	17-May-22	8021B					
Total BTEX	< 0.300		0.300	mg/kg	50	2051604	JH	17-May-22	8021B					
Surrogate: 4-Bromofluorobenzene (PID)			109 %	69.9	-140	2051604	JH	17-May-22	8021B					
Petroleum Hydrocarbons by Go	C FID													
GRO C6-C10*	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B					
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B					
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B					
Surrogate: 1-Chlorooctane			90.9 %	66.9	-136	2051609	MS	16-May-22	8015B					
Surrogate: 1-Chlorooctadecane			100 %	59.5	-142	2051609	MS	16-May-22	8015B					

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 aring 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 sur 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

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:25

EW 1 B

H222057-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	2051702	GM	17-May-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2051604	JH	17-May-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2051604	JH	17-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2051604	JH	17-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2051604	JH	17-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2051604	JH	17-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9	-140	2051604	ЈН	17-May-22	8021B	
Petroleum Hydrocarbons by GC	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B	
Surrogate: 1-Chlorooctane			96.4 %	66.9	-136	2051609	MS	16-May-22	8015B	
Surrogate: 1-Chlorooctadecane			106 %	59.5	-142	2051609	MS	16-May-22	8015B	

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 aring 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 sur 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

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

. 1330/

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:25

NW 3 B H222057-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes			
			Cardina	ıl Laborat	ories								
norganic Compounds													
Chloride	48.0		16.0	mg/kg	4	2051702	GM	17-May-22	4500-Cl-B				
Volatile Organic Compounds by	EPA Method	8021											
Benzene*	< 0.050		0.050	mg/kg	50	2051604	JH	17-May-22	8021B				
Toluene*	< 0.050		0.050	mg/kg	50	2051604	JH	17-May-22	8021B				
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2051604	JH	17-May-22	8021B				
Total Xylenes*	< 0.150		0.150	mg/kg	50	2051604	JH	17-May-22	8021B				
Total BTEX	< 0.300		0.300	mg/kg	50	2051604	JH	17-May-22	8021B				
Surrogate: 4-Bromofluorobenzene (PID)			104 %	69.9	-140	2051604	ЈН	17-May-22	8021B				
Petroleum Hydrocarbons by GC	FID												
GRO C6-C10*	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B				
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B				
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B				
Surrogate: 1-Chlorooctane			85.7 %	66.9	-136	2051609	MS	16-May-22	8015B				
Surrogate: 1-Chlorooctadecane			94.5 %	59.5	-142	2051609	MS	16-May-22	8015B				

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 aring 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 sur 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. Keine



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:25

EW 2 B

H222057-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2051702	GM	17-May-22	4500-Cl-B	
Volatile Organic Compounds l	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2051604	JH	17-May-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2051604	JH	17-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2051604	JH	17-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2051604	JH	17-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2051604	JH	17-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		105 %	69.9	-140	2051604	ЈН	17-May-22	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B	
Surrogate: 1-Chlorooctane			89.1 %	66.9	-136	2051609	MS	16-May-22	8015B	
Surrogate: 1-Chlorooctadecane			98.3 %	59.5	-142	2051609	MS	16-May-22	8015B	

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 aring 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 sur 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

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:25

SW 5 A H222057-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Labora	tories					
Inorganic Compounds										
Chloride	208		16.0	mg/kg	4	2051702	GM	17-May-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2051630	MS\	17-May-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2051630	MS\	17-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2051630	MS\	17-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2051630	MS\	17-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2051630	MS\	17-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		103 %	69.9	0-140	2051630	MS\	17-May-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B	
Surrogate: 1-Chlorooctane			89.1 %	66.9	0-136	2051609	MS	16-May-22	8015B	
Surrogate: 1-Chlorooctadecane			98.4 %	59.5	i-142	2051609	MS	16-May-22	8015B	

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 aring 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 sur 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

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:25

WW 3 B

H222057-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2051702	GM	17-May-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2051630	$MS \setminus$	17-May-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2051630	$MS \setminus$	17-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2051630	$MS \setminus$	17-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2051630	$MS \setminus$	17-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2051630	$MS \setminus$	17-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		101 %	69.9	-140	2051630	MS\	17-May-22	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B	
Surrogate: 1-Chlorooctane			86.4 %	66.9	-136	2051609	MS	16-May-22	8015B	
Surrogate: 1-Chlorooctadecane			95.5 %	59.5	-142	2051609	MS	16-May-22	8015B	

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 aring 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 sur 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

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:25

NW 2 C H222057-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	2051702	GM	17-May-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2051630	MS∖	17-May-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2051630	$MS \setminus$	17-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2051630	$MS \setminus$	17-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2051630	$MS \setminus$	17-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2051630	$MS \setminus$	17-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2051630	MS\	17-May-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B	
Surrogate: 1-Chlorooctane			87.2 %	66.9	-136	2051609	MS	16-May-22	8015B	
Surrogate: 1-Chlorooctadecane			96.3 %	59.5	-142	2051609	MS	16-May-22	8015B	

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 aring 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 sur 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

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:25

WW 4 H222057-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	2051702	GM	17-May-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2051630	MS∖	17-May-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2051630	$MS \setminus$	17-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2051630	$MS \setminus$	17-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2051630	$MS \setminus$	17-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2051630	$MS \setminus$	17-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	69.9	-140	2051630	MS\	17-May-22	8021B	
Petroleum Hydrocarbons by GC	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B	
Surrogate: 1-Chlorooctane			85.4 %	66.9	-136	2051609	MS	16-May-22	8015B	
Surrogate: 1-Chlorooctadecane			95.3 %	59.5	-142	2051609	MS	16-May-22	8015B	

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 aring 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 sur 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

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:25

EW 3 A H222057-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2051720	GM	17-May-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2051630	MS∖	17-May-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2051630	$MS \setminus$	17-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2051630	$MS \setminus$	17-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2051630	$MS \setminus$	17-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2051630	$MS \setminus$	17-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			102 %	69.9	-140	2051630	MS\	17-May-22	8021B	
Petroleum Hydrocarbons by GC	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2051609	MS	16-May-22	8015B	
Surrogate: 1-Chlorooctane			85.3 %	66.9	-136	2051609	MS	16-May-22	8015B	
Surrogate: 1-Chlorooctadecane			94.6 %	59.5	-142	2051609	MS	16-May-22	8015B	

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 aring 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 sur 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. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:25

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2051702 - 1:4 DI Water										
Blank (2051702-BLK1)				Prepared &	Analyzed:	17-May-22	2			
Chloride	ND	16.0	mg/kg							
LCS (2051702-BS1)				Prepared &	Analyzed:	17-May-22	2			
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (2051702-BSD1)				Prepared &	Analyzed:	17-May-22	2			
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
Batch 2051720 - 1:4 DI Water										
Blank (2051720-BLK1)				Prepared &	Analyzed:	17-May-22	2			
Chloride	ND	16.0	mg/kg							
LCS (2051720-BS1)				Prepared &	Analyzed:	17-May-22	2			
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (2051720-BSD1)				Prepared &	: Analyzed:	17-May-22	2			
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	·

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 aring 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 sur 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. Keine



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240

Dlonk (2051604 DI K1)

LCS (2051604-BS1)

Project: RED HILLS WEST 21 FED COM 2H

Prepared: 16-May-22 Analyzed: 17-May-22

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:25

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2051604 - Volatiles										

Blank (2051604-BLK1)				Prepared: 16-May-22 Analyzed: 17-May-22
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) 0.0517 0.0500 69.9-140 mg/kg

Benzene	1.97	0.050	mg/kg	2.00	98.6	83.4-122
Toluene	2.00	0.050	mg/kg	2.00	100	84.2-126
Ethylbenzene	2.00	0.050	mg/kg	2.00	99.8	84.2-121
m,p-Xylene	4.08	0.100	mg/kg	4.00	102	89.9-126
o-Xylene	2.01	0.050	mg/kg	2.00	101	84.3-123
Total Xylenes	6.09	0.150	mg/kg	6.00	101	89.1-124

Surrogate: 4-Bromofluorobenzene (PID)	0.0525		mg/kg	0.0500	105	69.9-140			
LCS Dup (2051604-BSD1)				Prepared: 16-Ma	ay-22 Analyzed: 1	17-May-22			
Benzene	2.04	0.050	mg/kg	2.00	102	83.4-122	3.29	12.6	
Toluene	2.04	0.050	mg/kg	2.00	102	84.2-126	2.20	13.3	
Ethylbenzene	2.05	0.050	mg/kg	2.00	102	84.2-121	2.67	13.9	
m,p-Xylene	4.16	0.100	mg/kg	4.00	104	89.9-126	2.13	13.6	
o-Xylene	2.05	0.050	mg/kg	2.00	103	84.3-123	2.01	14.1	
Total Xylenes	6.21	0.150	mg/kg	6.00	104	89.1-124	2.09	13.4	
G	0.0537			0.0500	105	60.0.1.00			

Surrogate: 4-Bromofluorobenzene (PID) 0.0527 mg/kg 0.0500 105 69 9-140

Batch 2051630 - Volatiles

Blank (2051630-BLK1)			Prepared: 16-May-22 Analyzed: 17-May-22
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

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 are 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. 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 su 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. Keens

Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Source

Project Number: 15507

Project Manager: LANCE CRENSHAW

Spike

Fax To:

Reported: 23-Jun-22 13:25

RPD

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2051630 - Volatiles										
Blank (2051630-BLK1)		Prepared: 16-May-22 Analyzed: 17-May-22								
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0501		mg/kg	0.0500		100	69.9-140			
LCS (2051630-BS1)		Prepared: 16-May-22 Analyzed: 17-May-22								
Benzene	1.97	0.050	mg/kg	2.00		98.6	83.4-122			
Toluene	1.94	0.050	mg/kg	2.00		97.0	84.2-126			
Ethylbenzene	1.91	0.050	mg/kg	2.00		95.4	84.2-121			
m,p-Xylene	4.01	0.100	mg/kg	4.00		100	89.9-126			
o-Xylene	1.88	0.050	mg/kg	2.00		93.9	84.3-123			
Total Xylenes	5.89	0.150	mg/kg	6.00		98.1	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0491		mg/kg	0.0500		98.1	69.9-140			
LCS Dup (2051630-BSD1)	Prepared: 16-May-22 Analyzed: 17-May-22									
Benzene	2.13	0.050	mg/kg	2.00		107	83.4-122	7.84	12.6	
Toluene	2.10	0.050	mg/kg	2.00		105	84.2-126	8.15	13.3	
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	84.2-121	7.74	13.9	
m,p-Xylene	4.29	0.100	mg/kg	4.00		107	89.9-126	6.83	13.6	
o-Xylene	2.03	0.050	mg/kg	2.00		102	84.3-123	8.04	14.1	
Total Xylenes	6.33	0.150	mg/kg	6.00		105	89.1-124	7.22	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0493		mg/kg	0.0500		98.5	69.9-140			

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 are 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 successing 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. Keene



%REC

Limits

RPD

Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240

Analyte

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

Project: RED HILLS WEST 21 FED COM 2H

Source

Result

%REC

86.3

97.8

66.9-136

59.5-142

Project Number: 15507

Project Manager: LANCE CRENSHAW

Spike

Level

50.0

50.0

Fax To:

Reported: 23-Jun-22 13:25

RPD

Limit

Notes

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

43.1

48.9

Blank (2051609-BLK1)				Prepared & Anal	yzed: 16-May-2	2			
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	39.9		mg/kg	50.0	79.9	66.9-136			
Surrogate: I-Chlorooctadecane	44.2		mg/kg	50.0	88.4	59.5-142			
LCS (2051609-BS1)				Prepared & Anal	yzed: 16-May-2	2			
GRO C6-C10	190	10.0	mg/kg	200	95.0	78.5-128			
DRO >C10-C28	191	10.0	mg/kg	200	95.3	75.8-135			
Total TPH C6-C28	380	10.0	mg/kg	400	95.1	81.5-127			
Surrogate: 1-Chlorooctane	42.2		mg/kg	50.0	84.4	66.9-136			
Surrogate: 1-Chlorooctadecane	49.1		mg/kg	50.0	98.1	59.5-142			
LCS Dup (2051609-BSD1)				Prepared & Anal	yzed: 16-May-2	2			
GRO C6-C10	193	10.0	mg/kg	200	96.4	78.5-128	1.45	21.4	
DRO >C10-C28	200	10.0	mg/kg	200	100	75.8-135	5.06	17.9	
Total TPH C6-C28	393	10.0	mg/kg	400	98.3	81.5-127	3.27	17.6	

mg/kg

mg/kg

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 are 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 succession arising out of or related to the performance of the services hereunder by Cardinal Laboratories.

Celey D. Keene



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 aring 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 sur 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. Keine

RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(5/5) 393-2326 FAX (5/5) 393-2	_															_											
	e: Etech Environmental & Safety Solu	tion	s, In	C.						B	IL	L TO							AN	IALY	SIS	RE	QUI	EST				
Project Manage	ir. Lance Crenshaw							P.(O. #.								T											
Address: P.C). Box 301							Co	mpa	any:	E-	tech					1							1				
City: Lovingt	on State: NM	Zip	: 88	260				Att	n:								1											- 1
Phone #: (57	5) 396-2378 Fax #: (575) 3	396-	1429)				Ad	dres	ss:							1											
Project #: 15	567 Project Owne	r: M	ehih	04	M.V.	0	1	Cit	v:	Ho	bb	5					1	_										
Project Name:	867 Project Owner Red Hill 21 Fed Co	M	7	H						NA	_				9	SM)	1	BTEX (8021B)	1								1	
Project Locatio	n: Lea								one						Chloride	TPH (8015M)		80										
Sampler Name:	Dominic Casav	10	2					Fax #:					Ch	H		MA									-			
FOR LAB USE ONLY		Τ.	Γ		M	ATRI	X		PRE	SER	v.	SAMPLI	NG			F	1	8		1							1	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OM	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OINER:	DATE	т	ME														
1	5 W 4 A					1					5	5/13	4	16	1	1												
3	EVIB											1	1				1											
	NW3B					1										1					_					1		
45	EWZB					1					L		1				1							-	1	1	_	
5	5W5 A					1							1			1	1	1	-	-	-		-	1	-	-		
4	MM3D	_	1			1				1	L	1	1		1	1	1	11	-	-	-		-	+	+	+	-	
7	NW2C	-	-		-	1	-			-	1	1	1		1	11	+	1	-	+	-		-	+	+	+	-	
2	MMSB MM1*	1	-	-	-	1	-			-	1	1	1		1	1	-	1	+	+	-		-	+	+	+	-	
	EW3A	-	-		-	-	-		-	+	+		-	-	7	-	+	-	+	+	+	-	-	+	+	+	-	-

PLEASE NOTE: Liability and Darmages, Cardinat's liability and client's exclusive remedy for any cleim arising whether based in contract or tort, shall be limited to the amount paid by the client for the ensities. All claims including those for negligence and any other cause whatevever shall be deemed waived unless made in writing and received by Cardinal within 30 days eiter completion of the applicable service. In no event shall Cardinal be Bable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profile 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:		Phone Result: Yes No Add'l Phone #:
DA	151500	SM adio		Fax Result: Yes No Add'I Fax #:
LAM FIC	Time: LQ Q	O RECIPION	res	REMARKS: # Sumple IO changed as per Sen Cepsel22 Ch
Relinquished By:	Date:	Received By:	0	1) any or se changes as per ser
	Time:			
	fille.			Please email results to pm@etechenv.com.
Delivered By: (Circle One)	9° K-0.	Sample Condition	CHECKED BY:	
Sampler - UPS - Bus - Other:) -	Cool Intact	(Initials)	
	08-90	No L No	012	

FORM-006 Revision 1.0

Received by OCD: 6/7/2024 3:44:33 PM

Page 17 of



May 19, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS WEST 21 FED COM 2H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/17/22 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 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: 05/17/2022 Sampling Date: 05/17/2022 Reported: 05/19/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: EW 4 (H222100-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2022	ND	2.05	102	2.00	3.84	
Toluene*	<0.050	0.050	05/18/2022	ND	2.02	101	2.00	2.94	
Ethylbenzene*	<0.050	0.050	05/18/2022	ND	2.00	100	2.00	3.78	
Total Xylenes*	<0.150	0.150	05/18/2022	ND	6.21	103	6.00	3.85	
Total BTEX	<0.300	0.300	05/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/18/2022	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	05/18/2022	ND	214	107	200	4.44	
DRO >C10-C28*	<10.0	10.0	05/18/2022	ND	223	111	200	0.778	
EXT DRO >C28-C36	<10.0	10.0	05/18/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	137	% 59.5-14	2						

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.

Celey & Keene



Sample Received By:

05/17/2022

Shalyn Rodriguez

Analytical Results For:

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

Fax To:

Received: 05/17/2022 Sampling Date: Reported: 05/19/2022 Sampling Type:

Soil Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: WW 6 (H222100-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2022	ND	2.05	102	2.00	3.84	
Toluene*	<0.050	0.050	05/18/2022	ND	2.02	101	2.00	2.94	
Ethylbenzene*	<0.050	0.050	05/18/2022	ND	2.00	100	2.00	3.78	
Total Xylenes*	<0.150	0.150	05/18/2022	ND	6.21	103	6.00	3.85	
Total BTEX	<0.300	0.300	05/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/18/2022	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	05/18/2022	ND	214	107	200	4.44	
DRO >C10-C28*	<10.0	10.0	05/18/2022	ND	223	111	200	0.778	
EXT DRO >C28-C36	<10.0	10.0	05/18/2022	ND					
Surrogate: 1-Chlorooctane	104 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	124 9	6 59.5-14	2						

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



Sample Received By:

Shalyn Rodriguez

Analytical Results For:

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

Fax To:

 Received:
 05/17/2022
 Sampling Date:
 05/17/2022

 Reported:
 05/19/2022
 Sampling Type:
 Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: WW 7 (H222100-03)

EX 8021B	mg	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
nzene*	<0.050	0.050	05/18/2022	ND	2.05	102	2.00	3.84	
uene*	<0.050	0.050	05/18/2022	ND	2.02	101	2.00	2.94	
ylbenzene*	<0.050	0.050	05/18/2022	ND	2.00	100	2.00	3.78	
al Xylenes*	<0.150	0.150	05/18/2022	ND	6.21	103	6.00	3.85	
al BTEX	<0.300	0.300	05/18/2022	ND					
rogate: 4-Bromofluorobenzene (PIL	101	% 69.9-14	0						
oride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
loride	32.0	16.0	05/18/2022	ND	432	108	400	0.00	
H 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
O C6-C10*	<10.0	10.0	05/18/2022	ND	214	107	200	4.44	
O >C10-C28*	<10.0	10.0	05/18/2022	ND	223	111	200	0.778	
Γ DRO >C28-C36	<10.0	10.0	05/18/2022	ND					
rogate: 1-Chlorooctane	104	% 66.9-13	6						
rogate: 1-Chlorooctadecane	125	% 59.5-14	22						
rogate: 1-Chlorooctadecane	125	% 59.5-14	22						

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.

Celey D. Keine



Sample Received By:

Shalyn Rodriguez

Analytical Results For:

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

Fax To:

 Received:
 05/17/2022
 Sampling Date:
 05/17/2022

 Reported:
 05/19/2022
 Sampling Type:
 Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: WW 5 (H222100-04)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.01	100	2.00	5.45	
Toluene*	<0.050	0.050	05/19/2022	ND	1.97	98.4	2.00	5.82	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	1.95	97.4	2.00	4.99	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.03	100	6.00	5.26	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500CI-B	/kg	Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/18/2022	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	05/18/2022	ND	214	107	200	4.44	
DRO >C10-C28*	<10.0	10.0	05/18/2022	ND	223	111	200	0.778	
EXT DRO >C28-C36	<10.0	10.0	05/18/2022	ND					
Surrogate: 1-Chlorooctane	101	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	121	% 59.5-14	2						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 05/17/2022 Reported: 05/19/2022 Sampling Date: 05/17/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition:

Project Number: 15507

** (See Notes) Shalyn Rodriguez Sample Received By:

Project Location: MEWBOURNE - JAL, NM

Sample ID: EW 6 A (H222100-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.01	100	2.00	5.45	
Toluene*	<0.050	0.050	05/19/2022	ND	1.97	98.4	2.00	5.82	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	1.95	97.4	2.00	4.99	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.03	100	6.00	5.26	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	loride, SM4500Cl-B mg/kg								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/18/2022	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	05/18/2022	ND	214	107	200	4.44	
DRO >C10-C28*	<10.0	10.0	05/18/2022	ND	223	111	200	0.778	
EXT DRO >C28-C36	<10.0	10.0	05/18/2022	ND					
Surrogate: 1-Chlorooctane	103 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	121 9	6 59.5-14	2						

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



Sample Received By:

Shalyn Rodriguez

Analytical Results For:

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

Fax To:

Received: 05/17/2022 Sampling Date: 05/17/2022

Reported: 05/19/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: NW 4 (H222100-06)

BTEX 8021B	mg	/kg	Analyze	ed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.01	100	2.00	5.45	
Toluene*	<0.050	0.050	05/19/2022	ND	1.97	98.4	2.00	5.82	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	1.95	97.4	2.00	4.99	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.03	100	6.00	5.26	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/18/2022	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	05/18/2022	ND	214	107	200	4.44	
DRO >C10-C28*	<10.0	10.0	05/18/2022	ND	223	111	200	0.778	
EXT DRO >C28-C36	<10.0	10.0	05/18/2022	ND					
Surrogate: 1-Chlorooctane	98.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	115	% 59.5-14	22						

Cardinal Laboratories

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.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Sample Received By:

Shalyn Rodriguez

Analytical Results For:

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

Fax To:

 Received:
 05/17/2022
 Sampling Date:
 05/17/2022

 Reported:
 05/19/2022
 Sampling Type:
 Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: EW 5 (H222100-07)

BTEX 8021B	mg	/kg	Analyze	ed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.01	100	2.00	5.45	
Toluene*	<0.050	0.050	05/19/2022	ND	1.97	98.4	2.00	5.82	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	1.95	97.4	2.00	4.99	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.03	100	6.00	5.26	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/18/2022	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	05/18/2022	ND	214	107	200	4.44	
DRO >C10-C28*	<10.0	10.0	05/18/2022	ND	223	111	200	0.778	
EXT DRO >C28-C36	<10.0	10.0	05/18/2022	ND					
Surrogate: 1-Chlorooctane	103	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	123	% 59.5-14	22						

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.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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. Keine

Page 10 of 10



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	: Etech Environmental & Safety Solu	rtions	s, In	C.							BI	LL	TO							AN	ALYS	SIS	RE	QUE	EST			
Project Manage	r: Lance Crenshaw							F	.0.	k:																		
Address: P.O								c	omp	oan	y:M	eu	/bou to	10	ilco													
City: Lovingto	on State: NM	Zip	: 88	260)								· Ku														i	
Phone #: (575	5) 396-2378 Fax #: (575)	396-	1429	9				A	ddn	955	. 48	30	Bus	n Pa	rK				1									
Project #: 15	507 Project Owne	r: /	lew	cha	in						66			, ,									- 1					
Project Name:	507 Project Owner Red Hills 21 Fer	1	W	M	21	f					M.						SM)	218	1									
Project Location	n: Fural Jul					-			hon			_				Chloride	TPH (8015M)	(8021B)	1				- 1					
	Dominic Cataler							F						흥	I	BTEX								1				
FOR LAB USE ONLY		T	Г			MATE	XIX	_	PF	RES	ERV.		SAMPLI	NG		_	1	BT										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMF	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	ACID/BASE:	ICE / COOL	OTHER:		DATE	TI	ME													
1	EWY	Т	Т	Г		1	T	T	Т			6	П	4	-00	1	1	1										
à	WW6					1							1								1							
3	41 W 7					11																						
2007-1009	W45					1													┸	\perp	_	1					1	
5	EW6A	1	L	L	Ш	1	4	1	1	-		Ц		1		1		1	\perp	_	+	+			+	+	+	
6	NWY	╀	₽	1		1	4	4	\bot	+		IJ	,	1		1	4	1	+	-	+	+	_		+	+	-	-
1	EWS	+	-	\vdash	Н	4	1	+	+	-	+	Ľ						**	+	+	+	+	_		+-	+	+	-
		+	-	-		-	-	-	+	-	+	-		-				_	+	+	+	+			-	+	+	-
		+	-	\vdash		-	-	+	+	+	-	-		-		\vdash			+	-	-	+		-	+	+	+	-
	nd Damages, Cardinal's liability and client's exclusive remedy for	_								1																		

Relinquished By:	Date:
Cominic Cescrel	Time:
Relinquished By:	Date:
	Time:

Received By:

Phone Result: Fax Result:

Add'l Phone #: ☐ Yes □ No Add'I Fax #:

REMARKS:

Please email results to pm@etechenv.com.

Delivered By: (Circle One)

Sample Condition Cool Intact Yes Yes No No

CHECKED BY: (Initials)

Sampler - UPS - Bus - Other:

FORM-006 Revision 1.0



May 27, 2022

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

RE: RED HILLS WEST 21 FED COM 2H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/20/22 16:08.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 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:
 05/20/2022
 Sampling Date:
 05/20/2022

 Reported:
 05/27/2022
 Sampling Type:
 Soil

Reported: 05/27/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Project Number: 15507 Sample Received By: Tamara Oldaker

Applyand By 14

Project Location: MEWBOURNE - JAL, NM

ma/ka

Sample ID: NW 5 A (H222174-01)

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	05/26/2022	ND	2.01	101	2.00	0.885	
Toluene*	<0.050	0.050	05/26/2022	ND	2.08	104	2.00	2.13	
Ethylbenzene*	<0.050	0.050	05/26/2022	ND	1.99	99.6	2.00	1.33	
Total Xylenes*	<0.150	0.150	05/26/2022	ND	5.95	99.2	6.00	1.20	
Total BTEX	<0.300	0.300	05/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/26/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2022	ND	197	98.6	200	6.84	
DRO >C10-C28*	<10.0	10.0	05/26/2022	ND	187	93.5	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	05/26/2022	ND					
Surrogate: 1-Chlorooctane	139 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	138 9	% 59.5-14	2						

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 & Keene



Analytical Results For:

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

Fax To:

Received: 05/20/2022 Sampling Date: 05/20/2022 Reported: 05/27/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes) Project Number: Tamara Oldaker 15507 Sample Received By:

Project Location: MEWBOURNE - JAL, NM

Sample ID: WW 8 B (H222174-02)

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	05/26/2022	ND	2.01	101	2.00	0.885	
Toluene*	<0.050	0.050	05/26/2022	ND	2.08	104	2.00	2.13	
Ethylbenzene*	<0.050	0.050	05/26/2022	ND	1.99	99.6	2.00	1.33	
Total Xylenes*	<0.150	0.150	05/26/2022	ND	5.95	99.2	6.00	1.20	
Total BTEX	<0.300	0.300	05/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/26/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2022	ND	197	98.6	200	6.84	
DRO >C10-C28*	<10.0	10.0	05/26/2022	ND	187	93.5	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	05/26/2022	ND					
Surrogate: 1-Chlorooctane	138 %	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	138 9	% 59.5-14	2						

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. Keine



05/20/2022

Analytical Results For:

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

Fax To:

Received: 05/20/2022 Reported:

05/27/2022 Sampling Type: Soil RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Sampling Date:

Project Number:

15507 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - JAL, NM

ma/ka

Sample ID: SW 7 A (H222174-03)

Project Name:

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	05/26/2022	ND	2.01	101	2.00	0.885	
Toluene*	<0.050	0.050	05/26/2022	ND	2.08	104	2.00	2.13	
Ethylbenzene*	<0.050	0.050	05/26/2022	ND	1.99	99.6	2.00	1.33	
Total Xylenes*	<0.150	0.150	05/26/2022	ND	5.95	99.2	6.00	1.20	
Total BTEX	<0.300	0.300	05/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/26/2022	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	05/26/2022	ND	189	94.6	200	7.35	
DRO >C10-C28*	<10.0	10.0	05/26/2022	ND	197	98.5	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	05/26/2022	ND					
Surrogate: 1-Chlorooctane	98.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102	% 59.5-14	2						

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



Tamara Oldaker

Sample Received By:

Analytical Results For:

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

Fax To:

 Received:
 05/20/2022
 Sampling Date:
 05/20/2022

 Reported:
 05/27/2022
 Sampling Type:
 Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Project Location: MEWBOURNE - JAL, NM

15507

Sample ID: WW 9 A (H222174-04)

Project Number:

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	05/27/2022	ND	2.01	101	2.00	0.885	
Toluene*	<0.050	0.050	05/27/2022	ND	2.08	104	2.00	2.13	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	1.99	99.6	2.00	1.33	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	5.95	99.2	6.00	1.20	
Total BTEX	<0.300	0.300	05/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/26/2022	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	05/26/2022	ND	189	94.6	200	7.35	
DRO >C10-C28*	<10.0	10.0	05/26/2022	ND	197	98.5	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	05/26/2022	ND					
Surrogate: 1-Chlorooctane	104 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107 9	% 59.5-14	2						

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.

Celey D. Keene



05/20/2022

Tamara Oldaker

Analytical Results For:

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

Fax To:

Received: 05/20/2022 Reported:

05/27/2022 Sampling Type: Soil RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Sampling Date:

Sample Received By:

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: EW 7 B (H222174-05)

Project Name:

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	05/27/2022	ND	2.01	101	2.00	0.885	
Toluene*	<0.050	0.050	05/27/2022	ND	2.08	104	2.00	2.13	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	1.99	99.6	2.00	1.33	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	5.95	99.2	6.00	1.20	
Total BTEX	<0.300	0.300	05/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/26/2022	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	05/26/2022	ND	189	94.6	200	7.35	
DRO >C10-C28*	<10.0	10.0	05/26/2022	ND	197	98.5	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	05/26/2022	ND					
Surrogate: 1-Chlorooctane	106 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	110 %	6 59.5-14	2						

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:

Received: 05/20/2022 Reported:

05/27/2022 RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Sampling Date:

Sample Received By:

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM Sampling Type: Soil

Tamara Oldaker

05/20/2022

Sample ID: SW 6 A (H222174-06)

Project Name:

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	05/27/2022	ND	2.01	101	2.00	0.885	
Toluene*	<0.050	0.050	05/27/2022	ND	2.08	104	2.00	2.13	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	1.99	99.6	2.00	1.33	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	5.95	99.2	6.00	1.20	
Total BTEX	<0.300	0.300	05/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/26/2022	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	05/26/2022	ND	189	94.6	200	7.35	
DRO >C10-C28*	<10.0	10.0	05/26/2022	ND	197	98.5	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	05/26/2022	ND					
Surrogate: 1-Chlorooctane	105 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	108 9	6 59.5-14	2						

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:

 Received:
 05/20/2022
 Sampling Date:
 05/20/2022

 Reported:
 05/27/2022
 Sampling Type:
 Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: EW 8 B (H222174-07)

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	05/27/2022	ND	2.01	101	2.00	0.885	
Toluene*	<0.050	0.050	05/27/2022	ND	2.08	104	2.00	2.13	
Ethylbenzene*	<0.050	0.050	05/27/2022	ND	1.99	99.6	2.00	1.33	
Total Xylenes*	<0.150	0.150	05/27/2022	ND	5.95	99.2	6.00	1.20	
Total BTEX	<0.300	0.300	05/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/26/2022	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	05/26/2022	ND	189	94.6	200	7.35	
DRO >C10-C28*	<10.0	10.0	05/26/2022	ND	197	98.5	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	05/26/2022	ND					
Surrogate: 1-Chlorooctane	93.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.0	% 59.5-14	2						

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.

Celey D. Keene



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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.

Celeg D. Freene

Page 10 of 10

Received by OCD: 6/7/2024 3:44:33 PM

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

	11 East Mariand, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		
mpany Name:	Etech Environmental & Safety Solutions, Inc.	BILL TO	
oject Manager:	Lance Crenghau	P.O. #:	

Project Manage	r: Lance Crenshaw							P.	0. #	:																	
Address: P.O). Box 301							Co	mp	any	y: /A	1e	who	urn	e												
City: Lovingto	on State: NM	Zip:	88	260				At	tn:	2	b	bi	RUN	nel	6												
Phone #: (57	5) 396-2378 Fax #: (575) 39	6-1	429	1				Ad	idre	35:	4	An	1 30	mel sin A	n								- 1				
Project #: /4	Project Owner:							Cit	ty:	11	66	h	<					1									
Project Name:	Red. Hills 21 Fed	1	Co	W	1 7	21	+	St	ate:	1	//	Zi	D:			•	SM)		0								
Project Location		1		N/	W	1			one							Chloride	TPH (8015M)		SIEA (80Z1B)								
Sampler Name:	Dominic Casa	10	1	,				Fa	x #:							흜	I	1	Y								
FOR LAB USE ONLY					M	IATRI	X		-		ERV.		SAMPL	NG			4		0								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:		DATE	TIM	E												
1	NYSA					1						5	/20	4:0	5	i		T	1								
2	WW 8 B					1							1						П								
3	6W 1A					1,						Г		1					П								
4	War of A					1												Г	П								
5	EW1B					1																					
6	SWEA					1							,	1			1	\mathbb{T}									
7	E4/8B					1						T	7	4		V		Q	/								
(Г						T									
												Г						T									
												Г						Т									
analyses. All claims includ	nd Darneges, Cardinal's liability and client's exclusive remedy for an ing those for negligence and any other cause whetcoever shall be de- cardinal be liable for incidental or consequental damages, is cluding ing out of or related to the performance of services hereunder by C-	willhou	d week d limb	ed un alion,	business	do in wil sinterru	Mng aw plans, i	d rect loss o	dred b fune,	or lo	es of p	rollin i	incurred by	client, its sub	ooldine	the e applica les, e,											
Relinquished B	oni Lussian Time:	Re	cei	ved	Ву: ////	W.	a	A.		ela	1	5	4	Phone Fax Re IREMA	Res	sult: t:	□ Y					"I Pho		W:	 -		
Delivered By	Time: : (Circle One) 27.4c - Bus - Other:	2,5	50		Samp	ole Co	act		7		IECH (Trift	iais	BY:	Pleas	e ei	mail r	esult	s to	pm	@e	teche	env.c	om	v			

FORM-006 Revision 1.0 † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



June 23, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS WEST 21 FED COM 2H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/26/22 16:38.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 accred 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. Keene

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

Project Number: 15507

Project: RED HILLS WEST 21 FED COM 2H

Reported: 23-Jun-22 13:28

HOBBS NM, 88240

Project Manager: LANCE CRENSHAW

Fax To:

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WW 13 A	H222263-01	Soil	26-May-22 00:00	26-May-22 16:38
EW 11 A	H222263-02	Soil	26-May-22 00:00	26-May-22 16:38
WW 10	H222263-03	Soil	26-May-22 00:00	26-May-22 16:38
EW 12 A	H222263-04	Soil	26-May-22 00:00	26-May-22 16:38
WW 12 A	H222263-05	Soil	26-May-22 00:00	26-May-22 16:38
SW 8 A	H222263-06	Soil	26-May-22 00:00	26-May-22 16:38
WW 15	H222263-07	Soil	26-May-22 00:00	26-May-22 16:38
SW 9B	H222263-08	Soil	26-May-22 00:00	26-May-22 16:38
WW 11 B	H222263-09	Soil	26-May-22 00:00	26-May-22 16:38
SW 10	H222263-10	Soil	26-May-22 00:00	26-May-22 16:38
EW 9 A	H222263-11	Soil	26-May-22 16:30	26-May-22 16:38
EW 10 B	H222263-12	Soil	26-May-22 16:30	26-May-22 16:38
NW 6	H222263-13	Soil	26-May-22 16:30	26-May-22 16:38
WW 14	H222263-14	Soil	26-May-22 16:30	26-May-22 16:38
SW 11 C	H222263-15	Soil	26-May-22 16:30	26-May-22 16:38

06/23/22 - Client changed the sample ID on -13. This is the revised report and will replace the one sent on 06/03/22.

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 are 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 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 su 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

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:28

WW 13 A H222263-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	528		16.0	mg/kg	4	2053122	GM	31-May-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2053110	CK	31-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2053110	CK	31-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			97.8 %	69.9	-140	2053110	CK	31-May-22	8021B	
Petroleum Hydrocarbons by GO	C FID									S-04_
GRO C6-C10*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctane			140 %	66.9	-136	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctadecane			160 %	59.5	-142	2052714	MS	28-May-22	8015B	

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 aring 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 sur 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

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Reported: 23-Jun-22 13:28

Fax To:

EW 11 A H222263-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2053123	GM	31-May-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Toluene*	0.123		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2053110	CK	31-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2053110	CK	31-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		98.8 %	69.9	-140	2053110	CK	31-May-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctane			120 %	66.9	-136	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctadecane			137 %	59.5	-142	2052714	MS	28-May-22	8015B	

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 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 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 su 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

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:28

WW 10 H222263-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	2053123	GM	31-May-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Toluene*	0.122		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2053110	CK	31-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2053110	CK	31-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		101 %	69.9	-140	2053110	CK	31-May-22	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctane			122 %	66.9	-136	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctadecane			138 %	59.5	-142	2052714	MS	28-May-22	8015B	

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 aring 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 sur 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. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:28

EW 12 A H222263-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	208		16.0	mg/kg	4	2053123	GM	31-May-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Toluene*	0.124		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2053110	CK	31-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2053110	CK	31-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		99.6 %	69.9	-140	2053110	CK	31-May-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctane			122 %	66.9	-136	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctadecane			138 %	59.5	-142	2052714	MS	28-May-22	8015B	

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 aring 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 sur 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

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:28

WW 12 A H222263-05 (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	2053123	GM	31-May-22	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2053110	CK	31-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2053110	CK	31-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	(D)		103 %	69.9	-140	2053110	CK	31-May-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctane			120 %	66.9	-136	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctadecane			135 %	59.5	-142	2052714	MS	28-May-22	8015B	

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 aring 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 sur 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

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:28

SW 8 A H222263-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2053123	GM	31-May-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Toluene*	0.098		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2053110	CK	31-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2053110	CK	31-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		101 %	69.9	-140	2053110	CK	31-May-22	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctane			116 %	66.9	-136	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctadecane			131 %	59.5	-142	2052714	MS	28-May-22	8015B	

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 aring 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 sur 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. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:28

WW 15 H222263-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	512		16.0	mg/kg	4	2053123	GM	31-May-22	4500-Cl-B	
Volatile Organic Compounds h	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2053110	CK	31-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2053110	CK	31-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.2 %	69.9	-140	2053110	CK	31-May-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctane			119 %	66.9	-136	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctadecane			134 %	59.5	-142	2052714	MS	28-May-22	8015B	

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 aring 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 sur 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. Keine



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:28

SW 9 B H222263-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2053123	GM	31-May-22	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2053110	CK	31-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2053110	CK	31-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			100 %	69.9	-140	2053110	CK	31-May-22	8021B	
Petroleum Hydrocarbons by GC	C FID									S-04
GRO C6-C10*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctane			156 %	66.9	-136	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctadecane			175 %	59.5	-142	2052714	MS	28-May-22	8015B	

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 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 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 su 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

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:28

WW 11 B H222263-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2053123	GM	31-May-22	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2053110	CK	31-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2053110	CK	31-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		102 %	69.9	-140	2053110	CK	31-May-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctane			120 %	66.9	-136	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctadecane			134 %	59.5	-142	2052714	MS	28-May-22	8015B	

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 aring 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 sur 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

Reported:

23-Jun-22 13:28



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

Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

x 10.

SW 10 H222263-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	tories					
Inorganic Compounds										
Chloride	208		16.0	mg/kg	4	2053123	GM	31-May-22	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2053110	CK	31-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2053110	CK	31-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		102 %	69.9	-140	2053110	CK	31-May-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctane			121 %	66.9	-136	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctadecane			137 %	59.5	-142	2052714	MS	28-May-22	8015B	

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 aring 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 sur 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

Reported:

23-Jun-22 13:28



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

Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

CRENSHAW

EW 9 A H222263-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2053123	GM	31-May-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2053110	CK	31-May-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2053110	CK	31-May-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2053110	CK	31-May-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.0 %	69.9	-140	2053110	CK	31-May-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctane			117 %	66.9	-136	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctadecane			132 %	59.5	-142	2052714	MS	28-May-22	8015B	

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 aring 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 sur 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

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:28

EW 10 B H222263-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	2053123	GM	31-May-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2053111	CK	01-Jun-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2053111	CK	01-Jun-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2053111	CK	01-Jun-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2053111	CK	01-Jun-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2053111	CK	01-Jun-22	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	D)		100 %	69.9	-140	2053111	CK	01-Jun-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctane			121 %	66.9	-136	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctadecane			137 %	59.5	-142	2052714	MS	28-May-22	8015B	

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 aring 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 sur 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. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:28

NW 6 H222263-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	112		16.0	mg/kg	4	2053123	GM	31-May-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2053111	CK	01-Jun-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2053111	CK	01-Jun-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2053111	CK	01-Jun-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2053111	CK	01-Jun-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2053111	CK	01-Jun-22	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		101 %	69.9	-140	2053111	CK	01-Jun-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctane			112 %	66.9	-136	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctadecane			127 %	59.5	-142	2052714	MS	28-May-22	8015B	

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 aring 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 sur 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. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:28

WW 14 H222263-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	208		16.0	mg/kg	4	2053123	GM	31-May-22	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2053111	CK	01-Jun-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2053111	CK	01-Jun-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2053111	CK	01-Jun-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2053111	CK	01-Jun-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2053111	CK	01-Jun-22	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		97.5 %	69.9	-140	2053111	CK	01-Jun-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctane			121 %	66.9	-136	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctadecane			138 %	59.5	-142	2052714	MS	28-May-22	8015B	

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.

Celeg D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:28

SW 11 C H222263-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	192		16.0	mg/kg	4	2053123	GM	31-May-22	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2053111	CK	01-Jun-22	8021B	
Toluene*	0.067		0.050	mg/kg	50	2053111	CK	01-Jun-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2053111	CK	01-Jun-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2053111	CK	01-Jun-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2053111	CK	01-Jun-22	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		102 %	69.9	-140	2053111	CK	01-Jun-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctane		-	121 %	66.9	-136	2052714	MS	28-May-22	8015B	
Surrogate: 1-Chlorooctadecane			137 %	59.5	-142	2052714	MS	28-May-22	8015B	

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 aring 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 sur 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. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:28

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2053122 - 1:4 DI Water										
Blank (2053122-BLK1)				Prepared &	Analyzed:	31-May-22	!			
Chloride	ND	16.0	mg/kg							
LCS (2053122-BS1)				Prepared &	Analyzed:	31-May-22	!			
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (2053122-BSD1)				Prepared &	Analyzed:	31-May-22	!			
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
Batch 2053123 - 1:4 DI Water										
Blank (2053123-BLK1)				Prepared &	Analyzed:	31-May-22				
Chloride	ND	16.0	mg/kg							
LCS (2053123-BS1)				Prepared &	Analyzed:	31-May-22				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (2053123-BSD1)				Prepared &	Analyzed:	31-May-22				
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	

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 aring 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 sur 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

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 13:28

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2053110 - Volatiles										

Batch 2053110 - Volatiles									—
Blank (2053110-BLK1)				Prepared & Analy	yzed: 31-May-2	2			
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)	0.0503		mg/kg	0.0500	101	69.9-140			
LCS (2053110-BS1)				Prepared & Anal	yzed: 31-May-2	2			
Benzene	1.95	0.050	mg/kg	2.00	97.3	83.4-122			
Toluene	2.06	0.050	mg/kg	2.00	103	84.2-126			
Ethylbenzene	1.99	0.050	mg/kg	2.00	99.5	84.2-121			
m,p-Xylene	4.01	0.100	mg/kg	4.00	100	89.9-126			
o-Xylene	1.96	0.050	mg/kg	2.00	97.9	84.3-123			
Total Xylenes	5.97	0.150	mg/kg	6.00	99.5	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0534		mg/kg	0.0500	107	69.9-140			
LCS Dup (2053110-BSD1)				Prepared & Anal	yzed: 31-May-2	2			
Benzene	2.05	0.050	mg/kg	2.00	102	83.4-122	5.00	12.6	
Toluene	2.13	0.050	mg/kg	2.00	106	84.2-126	3.20	13.3	
Ethylbenzene	2.03	0.050	mg/kg	2.00	102	84.2-121	2.12	13.9	
m,p-Xylene	4.08	0.100	mg/kg	4.00	102	89.9-126	1.66	13.6	
o-Xylene	2.00	0.050	mg/kg	2.00	100	84.3-123	2.10	14.1	
Total Xylenes	6.08	0.150	mg/kg	6.00	101	89.1-124	1.80	13.4	

Batch 2053111 - Volatiles

Surrogate: 4-Bromofluorobenzene (PID)

Blank (2053111-BLK1)			Prepared: 31-May-22 Analyzed: 01-Jun-22
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

mg/kg

0.0500

103

69.9-140

0.0515

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 are 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 successing 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

Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Spike

Source

Fax To:

Reported: 23-Jun-22 13:28

RPD

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2053111 - Volatiles										
Blank (2053111-BLK1)				Prepared: 3	31-May-22	Analyzed:	01-Jun-22			
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0506		mg/kg	0.0500		101	69.9-140			
LCS (2053111-BS1)				Prepared: 3	31-May-22	Analyzed:	01-Jun-22			
Benzene	1.96	0.050	mg/kg	2.00		98.2	83.4-122			
Toluene	1.98	0.050	mg/kg	2.00		99.2	84.2-126			
Ethylbenzene	1.93	0.050	mg/kg	2.00		96.6	84.2-121			
m,p-Xylene	3.87	0.100	mg/kg	4.00		96.8	89.9-126			
o-Xylene	1.89	0.050	mg/kg	2.00		94.7	84.3-123			
Total Xylenes	5.76	0.150	mg/kg	6.00		96.1	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0507		mg/kg	0.0500		101	69.9-140			
LCS Dup (2053111-BSD1)				Prepared: 3	31-May-22	Analyzed:	01-Jun-22			
Benzene	2.00	0.050	mg/kg	2.00		99.8	83.4-122	1.68	12.6	
Toluene	2.03	0.050	mg/kg	2.00		101	84.2-126	2.08	13.3	
Ethylbenzene	1.97	0.050	mg/kg	2.00		98.6	84.2-121	2.01	13.9	
m,p-Xylene	3.98	0.100	mg/kg	4.00		99.4	89.9-126	2.73	13.6	
o-Xylene	1.95	0.050	mg/kg	2.00		97.4	84.3-123	2.91	14.1	
Total Xylenes	5.93	0.150	mg/kg	6.00		98.8	89.1-124	2.79	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0510		mg/kg	0.0500		102	69.9-140			

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 are 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 successing 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. Keine



%REC

Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Source

Project Number: 15507

Project Manager: LANCE CRENSHAW

Spike

Fax To:

Reported: 23-Jun-22 13:28

RPD

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2052714 - General Prep - Organics										
Blank (2052714-BLK1)				Prepared: 2	27-May-22	Analyzed: 2	28-May-22			
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	60.1		mg/kg	50.0		120	66.9-136			
Surrogate: 1-Chlorooctadecane	68.0		mg/kg	50.0		136	59.5-142			
LCS (2052714-BS1)				Prepared &	Analyzed:	27-May-22	2			
GRO C6-C10	190	10.0	mg/kg	200		94.9	78.5-128			
DRO >C10-C28	193	10.0	mg/kg	200		96.5	75.8-135			
Total TPH C6-C28	383	10.0	mg/kg	400		95.7	81.5-127			
Surrogate: 1-Chlorooctane	64.4		mg/kg	50.0		129	66.9-136			
Surrogate: 1-Chlorooctadecane	73.5		mg/kg	50.0		147	59.5-142			
LCS Dup (2052714-BSD1)				Prepared &	z Analyzed:	27-May-22	2			
GRO C6-C10	188	10.0	mg/kg	200		94.1	78.5-128	0.799	21.4	
DRO >C10-C28	179	10.0	mg/kg	200		89.7	75.8-135	7.31	17.9	
Total TPH C6-C28	368	10.0	mg/kg	400		91.9	81.5-127	4.03	17.6	
Surrogate: 1-Chlorooctane	67.2		mg/kg	50.0		134	66.9-136			
Surrogate: 1-Chlorooctadecane	72.6		mg/kg	50.0		145	59.5-142			

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 aring 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 sur 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



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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 aring 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 sur 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. Keine

ARDINAI 101 Fast

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name	: Etech Environmental & Safety Solu		In	-	_	_	_	Т	-		RI	11	TO		_	_	_	_	_	AN	ALV	212	PI	EQU	ES.	T	-		
Project Manage			,	-		_		P	0.1	ŀ		No No	10				Т				1		1/1	T	T				
Address: P.O	- Luce City of the	_				_	_	-		_	AA	. /	1	1	1							- 1							
City: Lovingto		71-	. 99	260				100	omp	an	1: W	evi	DOVEN	coil				- 1				- 1							
,		_						At	tn:	10	וסם	e	Runn	els				ı											
	5) 396-2378 Fax #: (575) 3		425				_						BUSIA	Park Blod													- 1		
Project #:	Project Owner									-	66					=		<u>@</u>				- 1				- 1			
Project Name:	Red Hills 21 Fed Co	M	1	It				St	ate:	1	M	Zip);		9	TPH (8015M)		BTEX (8021B)			1	- 1							
Project Location	1/10/10/10/11/11							P	non	e #:					Chloride	80		8									- 1		
Sampler Name:	Dominic Coscret							Fa	X#	:					S	표		ĕ											
FOR LAB USE ONLY			Г		M.	ATR	IX		PR	ESI	RV.		SAMPLI	NG		F	1	6											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:		DATE	TIME															
1	WWBA		Г			118	1		Г			5	26		1			1											
34	EV/114					4	1						1																
3	WW 10					1																							
4	EW12A					1	,																						
5	WW 12 A					I																						- 1	
7	3W8A					1																							
	11/4/15					Y	1																						
8	5W9B															П													
9	WWIIB					Ш						1	/		1	1													
	5W18		L		1	1			L			-			0	W	1	V											
ensiyses. All claims includir service. In no event shall Co	-2 Time) 638	without Re	d waiv	ed union, burdiese o	es mad usiness if wheth By:	e in wr Interru er suc	ting ar ptions, h clain	, loss o	nived it of use, sed up	or los	tion was	within 3 rollts in a above	10 days afte ocurred by o ye stated re	r completion of the	o applica ico, ic. sult: t:		res		No No		'I Pho		-						
Delivered By: Sampler - UPS	attack-U.	5	3	5	ampi Cool	le Co Int	ondit	tion		CH S	ECK (Init	ED	BY:	Please e	mail	resu	lts t	o prr	n@e	teche	env.c	om.							

FORM-006 Revision 1.0

Received by OCD: 6/7/2024 3:44:33 PM

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

520.22

O.

ARDINAL LABORATORIES

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

CHAIN-OF-	CUSTODY	AND	ANALYSIS	REQUEST

PROJECT Manager: LENC (YENSALW Address: P.O. Box 301 Company yet bour fee sill Company yet bour feel of	Company Name	Etech Environment		_	, Inc		_		T		E	BIL	L TO							ANA	LYS	IS R	EQU	EST			
Address: P.O. Box 301 City: Lovington State: NM Zip: 8280	Project Manager	: LANG.CV	PNSARLI						P.	0. #	_							T	T	T	T	T	T	T			
City: Lovington State: NM ZIP: 88280 Attn: Rabbie Kunnels Address: (575) 398-2378 Fax \$: (575) 398-1429 Address: (38) Bussia Ark the Project Sir Project Owner: City: Hobbs Project Name: Red Hills ZI Fed Com ZH State: MM ZIP: Project Name: Red Hills ZI Fed Com ZH State: MM ZIP: Project Name: Red Hills ZI Fed Com ZH State: MM ZIP: Project Name: Project Name: Red Hills ZI Fed Com ZH State: MM ZIP: Project Name: Red Hills ZI Fed Com ZH State: MM ZIP: Project Name: Project Name: Project Name: Project Name: Nam	Address: P.O.								C	omp	any:	Me	NHOU	ru	edil									1			
Phone 8: (575) 396-2378 Fax 8: (575) 396-1429 Address: (801 Bur5): Ark Bhe Project S: Project Owner: City: Hobb 5 Project Mame: Red Hill 5 21 Fed Com Z H State: (MM Zip: Project Location: y y L J C N N M Phone 8: Sampler Name: Down in i C Casgo v e Z Fax 8: Tori, Las in Edward City: Hobb 5 Sampler Name: Down in i C Casgo v e Z Fax 8: Sampler Condition C Checked By: Down in i C Casgo v e Z Fax 8: Sampler Condition C Checked By: Pax 8: Sample	City: Lovingto	n	State: NM	Zip	: 88	260			At	tn:	Rak	Shi	e Rux	unz	15												
Project Name: Red HillS 21 Fed Com 2 H State: MUZIP: Project Contaction: Lyrol Tol NM Phone 8: Sampler Name: Docn: n: Casave CC Fex 8: MATRIX PRESERV SAMPLING Lab I.D. Sample I.D. Go G G G G G G G G G G G G G G G G G G	Phone #: (575) 396-2378	Fax #: (575) 3	96-1	429				A	ddre	ss:4	anl	Ruscia	K	K Bha												
Project Location: Yera Jal Nym Phone 8: Fax 8:	Project #:		Project Owner	:					Ci	tv:	14	bh	5	100	. 246												
Lab I.D. Sample I	Project Name:	Red Hills :	71 Fed Co	щ	-	24											NS.	18									
Lab I.D. Sample I.D. Sample I.D. Sample I.D	Project Location					-17						-	op.			orid	301	802									
Lab I.D. Sample I.D. Bay	Sampler Name:	Domini	Casey	10	7_				-							燕	H	BTEX (
Lab I.D. Sample I	FOR LAB USE ONLY	17000000	Cara				MATI	RIX	-	-	_	RV.	SAMPL	NG			4										
PLEASE NOTE: Liability and Damagen. Condrain's liability and districts unclusive remody for any olien stelling wholer based in contract or text, shall be familiard to the amount paid by the client of the supplicable went in a specifical deservice. In so event shall be familiar to the consequent of desirage, including whose for recitigations and any other cases whetevorer shall be deserved while the shallow in the supplicable went in a specifical service. In so event shall be familiar to the publications of the supplicable went in a specifical service. In so event shall be familiar to the publication of the supplicable went in a supplication of the supplicati		Sample I.	.D.	8	CONTAINERS	SROUNDWATER	SOIL	OIL SI UINGE	OTHER:	ACID/BASE:	CE / COOL	OTHER:	DATE	1	IME.												
PLEASE NOTE: Liability and Damages. Cardnet's Sability and dient's eachainer remody for any dates whiteled based in contract or lot. shall be lambed to the amount paid by the cleant for the enoughes. All claims including loose for negligence and any other cases whatever shall be deemed walved walves made in writing and many flower places and any other cases whatever shall be deemed walved walves made in writing and many flower places. All claims including loose for negligence and any other consequented enoughes, nuclearly without presents on a profile incurred by Cardnet within 30 days after complation. ### Company of the above shall be shall be included as a profile incurred by Cardnet within a shall be	11	EW94		Ť	1		1						-	4	30	1	1										
PLEASE NOTE: Liability and Damages. Cerdinal's Sability and client's exclusive remedy for any claim avising whether based in contract or tort, shall be limited to the amount pold by the client for the analyses. All claims including those for negligence and any other cause whetherover shall be deemed valved univers made in writing and received by Cardinal within 30 days after completion of the applicable service. In no worst shall consider for conspictation of the applicable service. In owner shall consider the conspictation of the applicable service. In owner shall consider the same of profile incurred by clark, its substitutions, business infinites. business infinites or auccessors arising out of or related to the performance of services hereundar by Cardinal, regardless of whether such claim is based upon any of the above shall resonate or otherwise. Relinquished By: Date:	12	EWIOB					11	1	1			1	1	Ì				П									
PLEASE NOTE: Liability and Damages. Cerdinal's Sability and client's exclusive remedy for any claim avising whether based in contract or tort, shall be limited to the amount pold by the client for the analyses. All claims including those for negligence and any other cause whetherover shall be deemed valved univers made in writing and received by Cardinal within 30 days after completion of the applicable service. In no worst shall consider for conspictation of the applicable service. In owner shall consider the conspictation of the applicable service. In owner shall consider the same of profile incurred by clark, its substitutions, business infinites. business infinites or auccessors arising out of or related to the performance of services hereundar by Cardinal, regardless of whether such claim is based upon any of the above shall resonate or otherwise. Relinquished By: Date:	B	-WWSD 1	VW6*																								
PLEASE NOTE: Usbilly and Damagoe. Cerdinil's liability and client's acclusive remody for any claim entiting whollier based in contract or tort, shall be limited to the amount paid by the client for the paid b	14	WW 14															1										
PLEASE NOTE: Lisbility and Damagoe. Cerdinal's Sublish and client's exclusive remody for any claim entiting while besid in contract or tort, shall be limited to the amount paid by the client for the analyses, All chairs in Lockdaing those for negligence and any other cause wheterower shall be deemed valved universe muscle by Cardinal within 30 days after completion of the applicable service. In no event shall contrain be labele for incident disrupes, including without limited participants, loss of use, or town of profile incurred by client, its sublisations, entitled or consequent disrupes, including without limited any subject or profile incurred by client, its sublisations, entitled or acceptance of the applicable service. In owner shall be firstly and completed by the client for the applicable service. In owner shall be limited to the performance of services hereundar by Cardinal, negardless of whether such claim is based upon any of the above shall resonate or otherwise. Reclinquished By: Date: Received By: Phone Result: Yes No Add'l Phone #: Fax Result: Yes No Add'l Phone #: Yes No Yes Yes No Yes Yes No Yes Yes Yes No Yes	15	SWIIC																									
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim sitising whether based in contract or tort, shall be limited to the amount paid by the client for the another. All claims including those for negligence and any other cause whethoever shall be deemed valeed unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequented damages, including without limitation, business interruptions, loss of use, or loss of profile incurred by client, in subsidiative, artiflets or auccessors entering 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. Received By: Dotto																		II					1				
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether besed in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whethere we whethere we whethere we whethere will cardinal be liable for incidental or consequented damages, including without limitation, business interruptions, loss of use, or loss of profile incurred by client, its subsidiaries, attitudes or auccessors 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. Received By: Date: Received By:																		П									
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether besed in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whethere we whethere we whethere we whethere will cardinal be liable for incidental or consequented damages, including without limitation, business interruptions, loss of use, or loss of profile incurred by client, its subsidiaries, attitudes or auccessors 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. Received By: Date: Received By:							1	1																			
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether besed in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whethere we whethere we whethere we whethere will cardinal be liable for incidental or consequented damages, including without limitation, business interruptions, loss of use, or loss of profile incurred by client, its subsidiaries, attitudes or auccessors 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. Received By: Date: Received By:							V	1	-				1	0			1	1	1				_				
energione. All claims. Including those for negligence and any other cause whethoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequented damages, including without limitation, business interruptions, loss of use, or loss of profile incurred by client, its subsidiaries, and interruption of the above stated received by cardinal within 30 days after completion of the applicable services. In consequent of consequent by Cardinal within 30 days after completion of the applicable services hereacted by cardinal within 30 days after completion of the applicable services. Relinquished By: Date:							1						4				V	W									
Relinquished By: Date: Time: Date: Date: Received By: Date: Received By: Date: Received By: Date: Received By: Date: Date: Received By: Date: D	analyses. All claims including	those for negligence and any other o	cause wheteoever shall be o	leome	d walve	id unions n	nada in v	willing a	nd rec	elved by	Cardir	nal with	in 30 days site	r comp	detion of th	e applica	bile										
Time: 1638 Standing Condition CHECKED BY: Delivered By: (Circle One) 24-22 C-0.52 Sample Condition CHECKED BY: (Initials)	affiliates or successors arising		of services hereunder by C	ardinal	, regar	dless of wi	hother su							esons (or otherwis	0.											
Relinquished By: Date: Received By: Time: Delivered By: (Circle One) 24-22 C-0.52 Sample Condition CHECKED BY: Cool Intact (Initials) REMARKS: ** Surple ID changed as pur Bun. (b/rz/zz Classe) Please email results to pm@etechenv.com.	Relinquished By	100	Date: 21	Re	ceiv	red By	:							Fax	Result	t:	O Ye	98	□ No	Add'	Fax#						_
Time: Delivered By: (Circle One) 24-32 C-0.52 Sample Condition CHECKED BY: Cool Intact (Initials)	. John	#//		7	3/	18	X12	10	11	10	1	1	1	REI	MARKS	i:	TI	n a	1.	1	2	.01	20	10	1, ,	122	NI
Please email results to pm@etechenv.com. Sample Condition CHECKED BY: Cool Intact (Initials)	Relinquished By	1		Re	ceiv	ed By	:					-)	7	KJa	My H			NO	ged a	us,	ner .	BUN	. Q	100	100	M
Delivered By: (Circle One) 24.32 C-0.52 Sample Condition CHECKED BY: Cool Intact (Initials)			Time:																								
Cool Intact (Initials)	Delivered Pur	(Circle One)			0	Q.	nnlo C	ondi	tion	1	CHE	CKE	n pv.	Ple	ase e	mail r	esult	s to	pm@	eteche	nv.cor	n.					
Sampler - UPS - Bus - Other: 23.7c # 113 Yes No No						Co	ol Ir	rtact																			

FORM-006 Revision 1.0

Received by OCD: 6/7/2024 3:44:33 PM



June 01, 2022

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

RE: RED HILLS WEST 21 FED COM 2H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/27/22 15:46.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 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,

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:
 05/27/2022
 Sampling Date:
 05/27/2022

 Reported:
 06/01/2022
 Sampling Type:
 Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATT! Sampling Condition: ** (See Notes)
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 4 @ SURFACE (H222278-01)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	1.91	95.6	2.00	2.39	
Toluene*	<0.050	0.050	05/31/2022	ND	1.94	96.8	2.00	1.73	
Ethylbenzene*	<0.050	0.050	05/31/2022	ND	1.84	92.1	2.00	2.45	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	5.74	95.7	6.00	2.83	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/31/2022	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	05/31/2022	ND	200	99.8	200	2.39	
DRO >C10-C28*	316	10.0	05/31/2022	ND	177	88.7	200	4.46	
EXT DRO >C28-C36	117	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	82.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.6	% 59.5-14	2						

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 & Keene



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATT! Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 4 @ 1 (H222278-02)

BTEX 8021B

DIEX GOZID	11197	119	Analyzo	a by. cit					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	1.91	95.6	2.00	2.39	
Toluene*	<0.050	0.050	05/31/2022	ND	1.94	96.8	2.00	1.73	
Ethylbenzene*	<0.050	0.050	05/31/2022	ND	1.84	92.1	2.00	2.45	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	5.74	95.7	6.00	2.83	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/31/2022	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	05/31/2022	ND	200	99.8	200	2.39	
DRO >C10-C28*	75.8	10.0	05/31/2022	ND	177	88.7	200	4.46	
EXT DRO >C28-C36	16.6	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	81.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.0	% 59.5-14	2						

Analyzed By: CK

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes) Shalyn Rodriguez Project Number: 15507 Sample Received By:

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 4 @ 2 (H222278-03)

BTEX 8021B	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	1.91	95.6	2.00	2.39	
Toluene*	<0.050	0.050	05/31/2022	ND	1.94	96.8	2.00	1.73	
Ethylbenzene*	<0.050	0.050	05/31/2022	ND	1.84	92.1	2.00	2.45	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	5.74	95.7	6.00	2.83	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 5	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	06/01/2022	ND	432	108	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	05/31/2022	ND	200	99.8	200	2.39	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	177	88.7	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	86.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.5	% 59.5-14	2						

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



Shalyn Rodriguez

Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition:
Project Number: 15507 Sample Received By:

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 4 @ 3 (H222278-04)

BTEX 8021B	mg	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	1.91	95.6	2.00	2.39	
Toluene*	<0.050	0.050	05/31/2022	ND	1.94	96.8	2.00	1.73	
Ethylbenzene*	<0.050	0.050	05/31/2022	ND	1.84	92.1	2.00	2.45	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	5.74	95.7	6.00	2.83	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	06/01/2022	ND	432	108	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	05/31/2022	ND	200	99.8	200	2.39	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	177	88.7	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	85.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.3	% 59.5-14	12						

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. Kreine



Sample Received By:

Shalyn Rodriguez

Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATT! Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

mg/kg

90.2 %

59.5-142

Sample ID: DFS 4 @ 4 (H222278-05)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	1.91	95.6	2.00	2.39	
Toluene*	<0.050	0.050	05/31/2022	ND	1.94	96.8	2.00	1.73	
Ethylbenzene*	< 0.050	0.050	05/31/2022	ND	1.84	92.1	2.00	2.45	
Total Xylenes*	< 0.150	0.150	05/31/2022	ND	5.74	95.7	6.00	2.83	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	06/01/2022	ND	432	108	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	05/31/2022	ND	200	99.8	200	2.39	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	177	88.7	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	91.19	% 66.9-13	6						

Analyzed By: CK

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.

Celey D. Keene

Surrogate: 1-Chlorooctadecane



Analytical Results For:

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

Received: 05/27/2022

Sampling Date:

05/27/2022

Reported:

06/01/2022

Sampling Type:

Soil

Project Name:

RED HILLS WEST 21 FED COM 2H BATTE

Sampling Condition: Sample Received By: ** (See Notes) Shalyn Rodriguez

Project Number:

15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 5 @ SURFACE (H222278-06)

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	1.91	95.6	2.00	2.39	
Toluene*	<0.050	0.050	05/31/2022	ND	1.94	96.8	2.00	1.73	
Ethylbenzene*	<0.050	0.050	05/31/2022	ND	1.84	92.1	2.00	2.45	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	5.74	95.7	6.00	2.83	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6800	16.0	06/01/2022	ND	432	108	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	05/31/2022	ND	200	99.8	200	2.39	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	177	88.7	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	72.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	74.0	% 59.5-14	2						

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



Sample Received By:

05/27/2022

Soil

Analytical Results For:

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

Received: 05/27/2022 Sampling Date: Reported: 06/01/2022 Sampling Type:

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes) Shalyn Rodriguez

Project Number: 15507 Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 5 @ 1 (H222278-07)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	1.91	95.6	2.00	2.39	
Toluene*	<0.050	0.050	05/31/2022	ND	1.94	96.8	2.00	1.73	
Ethylbenzene*	<0.050	0.050	05/31/2022	ND	1.84	92.1	2.00	2.45	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	5.74	95.7	6.00	2.83	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	06/01/2022	ND	432	108	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	05/31/2022	ND	200	99.8	200	2.39	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	177	88.7	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	75.1 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.7 9	% 59.5-14	2						

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. Keine



Analytical Results For:

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

Applyzod By: CK

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 5 @ 2 (H222278-08)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: СК					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	1.91	95.6	2.00	2.39	
Toluene*	<0.050	0.050	05/31/2022	ND	1.94	96.8	2.00	1.73	
Ethylbenzene*	<0.050	0.050	05/31/2022	ND	1.84	92.1	2.00	2.45	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	5.74	95.7	6.00	2.83	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	06/01/2022	ND	432	108	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	05/31/2022	ND	200	99.8	200	2.39	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	177	88.7	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	78.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	78.9	% 59.5-14	2						

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. Keine



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

Analyzed By: CK

Fax To:

 Received:
 05/27/2022
 Sampling Date:
 05/27/2022

 Reported:
 06/01/2022
 Sampling Type:
 Soil

Reported: 06/01/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATT! Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

mg/kg

Sample ID: DFS 5 @ 3 (H222278-09)

BTEX 8021B

DIEX GOLLD	9/	9	Allalyzo	u by: cit					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	1.91	95.6	2.00	2.39	
Toluene*	<0.050	0.050	05/31/2022	ND	1.94	96.8	2.00	1.73	
Ethylbenzene*	<0.050	0.050	05/31/2022	ND	1.84	92.1	2.00	2.45	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	5.74	95.7	6.00	2.83	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	06/01/2022	ND	432	108	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	05/31/2022	ND	200	99.8	200	2.39	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	177	88.7	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	80.3								

Surrogate: 1-Chlorooctadecane 80.7 % 59.5-142

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 & Freene



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

Fax To:

 Received:
 05/27/2022
 Sampling Date:
 05/27/2022

 Reported:
 06/01/2022
 Sampling Type:
 Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 5 @ 4 (H222278-10)

BTEX 8021B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	1.91	95.6	2.00	2.39	
Toluene*	<0.050	0.050	05/31/2022	ND	1.94	96.8	2.00	1.73	
Ethylbenzene*	<0.050	0.050	05/31/2022	ND	1.84	92.1	2.00	2.45	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	5.74	95.7	6.00	2.83	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	06/01/2022	ND	432	108	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	05/31/2022	ND	200	99.8	200	2.39	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	177	88.7	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	85.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.5	% 59.5-14	2						

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.

Celey D. Keene



Analytical Results For:

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

Applyzod By: CK

Received: 05/27/2022

06/01/2022

Sampling Date: 05/27/2022

Reported: Project Name: Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE
Project Number: 15507

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 5 @ 6 (H222278-11)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: СК					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	1.91	95.6	2.00	2.39	
Toluene*	<0.050	0.050	05/31/2022	ND	1.94	96.8	2.00	1.73	
Ethylbenzene*	<0.050	0.050	05/31/2022	ND	1.84	92.1	2.00	2.45	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	5.74	95.7	6.00	2.83	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3520	16.0	06/01/2022	ND	432	108	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	05/31/2022	ND	200	99.8	200	2.39	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	177	88.7	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	75.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	74.5	% 59.5-14	2						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 5 @ 8 (H222278-12)

BTEX 8021B	mg,	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	3.58	
Toluene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	2.66	
Ethylbenzene*	<0.050	0.050	05/31/2022	ND	2.01	101	2.00	3.16	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	6.23	104	6.00	2.71	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	06/01/2022	ND	432	108	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	05/31/2022	ND	200	99.8	200	2.39	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	177	88.7	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	72.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	72.1	% 59.5-14	2						

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. Keene



Analytical Results For:

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

Received: 05/27/2022 Reported: 06/01/2022

 05/27/2022
 Sampling Date:
 05/27/2022

 06/01/2022
 Sampling Type:
 Soil

Project Name: RED H Project Number: 15507

RED HILLS WEST 21 FED COM 2H BATT! Sampling Condition: ** (See Notes)

15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 5 @ 10 (H222278-13)

BTEX 8021B	mg	/kg	Analyze	ed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	3.58	
Toluene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	2.66	
Ethylbenzene*	< 0.050	0.050	05/31/2022	ND	2.01	101	2.00	3.16	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	6.23	104	6.00	2.71	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	06/01/2022	ND	432	108	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	05/31/2022	ND	200	99.8	200	2.39	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	177	88.7	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	78.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	79.3	% 59.5-14	12						

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. Keine



Sample Received By:

Shalyn Rodriguez

Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 5 @ 12 (H222278-14)

BTEX 8021B	mg/kg		Analyzed By: CK/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	3.58	
Toluene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	2.66	
Ethylbenzene*	<0.050	0.050	05/31/2022	ND	2.01	101	2.00	3.16	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	6.23	104	6.00	2.71	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/01/2022	ND	432	108	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	05/31/2022	ND	200	99.8	200	2.39	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	177	88.7	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	74.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	74.8	% 59.5-14	2						

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



Shalyn Rodriguez

Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition:
Project Number: 15507 Sample Received By:

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 5 @ 14 (H222278-15)

BTEX 8021B	mg	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	3.58	
Toluene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	2.66	
Ethylbenzene*	<0.050	0.050	05/31/2022	ND	2.01	101	2.00	3.16	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	6.23	104	6.00	2.71	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	06/01/2022	ND	432	108	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	05/31/2022	ND	200	99.8	200	2.39	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	177	88.7	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	79.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.0	% 59.5-14	22						

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.

Celey D. Keine



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 1 @ SURFACE (H222278-16)

BTEX 8021B	mg	/kg	Analyze	ed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	3.58	
Toluene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	2.66	
Ethylbenzene*	<0.050	0.050	05/31/2022	ND	2.01	101	2.00	3.16	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	6.23	104	6.00	2.71	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1700	16.0	06/01/2022	ND	432	108	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	05/31/2022	ND	200	99.8	200	2.39	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	177	88.7	200	4.46	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	75.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	73.7	% 59.5-14	2						

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.

Celey D. Keine



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 1 @ 4 (H222278-17)

BTEX 8021B	mg	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	3.58	
Toluene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	2.66	
Ethylbenzene*	< 0.050	0.050	05/31/2022	ND	2.01	101	2.00	3.16	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	6.23	104	6.00	2.71	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	06/01/2022	ND	432	108	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	05/31/2022	ND	199	99.7	200	4.22	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	181	90.3	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	88.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.7	% 59.5-14	22						

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. Keine



05/27/2022

Soil

Analytical Results For:

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

Received: 05/27/2022

05/27/2022 Sampling Date: 06/01/2022 Sampling Type:

Reported: 06/01/2022 Project Name: RED HILLS

RED HILLS WEST 21 FED COM 2H BATT! Sampling Condition: ** (See Notes)

15507 Sample Received By: Shalyn Rodriguez

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 1 @ 6 (H222278-18)

BTEX 8021B	mg	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	3.58	
Toluene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	2.66	
Ethylbenzene*	< 0.050	0.050	05/31/2022	ND	2.01	101	2.00	3.16	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	6.23	104	6.00	2.71	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	06/01/2022	ND	432	108	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	05/31/2022	ND	199	99.7	200	4.22	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	181	90.3	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	93.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.7	% 59.5-14	22						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15507 Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 1 @ 8 (H222278-19)

BTEX 8021B	mg/	kg	Analyzed By: CK/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	3.58	
Toluene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	2.66	
Ethylbenzene*	<0.050	0.050	05/31/2022	ND	2.01	101	2.00	3.16	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	6.23	104	6.00	2.71	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	06/01/2022	ND	432	108	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	05/31/2022	ND	199	99.7	200	4.22	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	181	90.3	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	88.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.4	% 59.5-14	2						

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. Keine



Shalyn Rodriguez

Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: ** (See Notes)

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition:
Project Number: 15507 Sample Received By:

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 1 @ 9 (H222278-20)

BTEX 8021B	mg/kg		Analyzed By: CK/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	3.58	
Toluene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	2.66	
Ethylbenzene*	<0.050	0.050	05/31/2022	ND	2.01	101	2.00	3.16	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	6.23	104	6.00	2.71	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	06/01/2022	ND	432	108	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	05/31/2022	ND	199	99.7	200	4.22	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	181	90.3	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	91.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.9	% 59.5-14	2						

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.

Celey D. Keine



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 2 @ SURFACE (H222278-21)

BTEX 8021B	mg	/kg	Analyze	ed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	3.58	
Toluene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	2.66	
Ethylbenzene*	<0.050	0.050	05/31/2022	ND	2.01	101	2.00	3.16	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	6.23	104	6.00	2.71	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	06/01/2022	ND	432	108	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	05/31/2022	ND	199	99.7	200	4.22	
DRO >C10-C28*	11.3	10.0	05/31/2022	ND	181	90.3	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	74.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	73.9	% 59.5-14	2						

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.

Celey D. Keine



Shalyn Rodriguez

Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition:
Project Number: 15507 Sample Received By:

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 2 @ 1 (H222278-22)

BTEX 8021B	mg	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	3.58	
Toluene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	2.66	
Ethylbenzene*	<0.050	0.050	05/31/2022	ND	2.01	101	2.00	3.16	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	6.23	104	6.00	2.71	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/01/2022	ND	432	108	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	05/31/2022	ND	199	99.7	200	4.22	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	181	90.3	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	94.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.8	% 59.5-14	2						

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. Keine

Celey D. Keene, Lab Director/Quality Manager



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

Fax To:

 Received:
 05/27/2022
 Sampling Date:
 05/27/2022

 Reported:
 06/01/2022
 Sampling Type:
 Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 2 @ 2 (H222278-23)

BTEX 8021B	mg	/kg	Analyze	ed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	3.58	
Toluene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	2.66	
Ethylbenzene*	<0.050	0.050	05/31/2022	ND	2.01	101	2.00	3.16	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	6.23	104	6.00	2.71	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/01/2022	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	05/31/2022	ND	199	99.7	200	4.22	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	181	90.3	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	94.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.7	% 59.5-14	22						

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 inclured by client; is 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. Keine

Celey D. Keene, Lab Director/Quality Manager



Sample Received By:

Shalyn Rodriguez

Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022 Reported: 06/01/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 2 @ 3 (H222278-24)

BTEX 8021B	mg/kg		Analyzed By: CK/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	3.58	
Toluene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	2.66	
Ethylbenzene*	<0.050	0.050	05/31/2022	ND	2.01	101	2.00	3.16	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	6.23	104	6.00	2.71	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/01/2022	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	05/31/2022	ND	199	99.7	200	4.22	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	181	90.3	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	89.1	% 66.9-13	6						
Surrogate: 1 Chloroctadocano	878	9/ 50 5 1 /	2						

Surrogate: 1-Chlorooctadecane 87.8 % 59.5-142

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:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 3 @ SURFACE (H222278-25)

BTEX 8021B	mg	/kg	Analyze	ed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	3.58	
Toluene*	<0.050	0.050	05/31/2022	ND	2.03	102	2.00	2.66	
Ethylbenzene*	<0.050	0.050	05/31/2022	ND	2.01	101	2.00	3.16	
Total Xylenes*	<0.150	0.150	05/31/2022	ND	6.23	104	6.00	2.71	
Total BTEX	<0.300	0.300	05/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19300	16.0	06/01/2022	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	05/31/2022	ND	199	99.7	200	4.22	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	181	90.3	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	88.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.3	% 59.5-14	22						

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. Keene



Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 3 @ 3 (H222278-26)

BTEX 8021B	mg	/kg	Analyze	ed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2022	ND	2.03	102	2.00	3.58	
Toluene*	<0.050	0.050	06/01/2022	ND	2.03	102	2.00	2.66	
Ethylbenzene*	<0.050	0.050	06/01/2022	ND	2.01	101	2.00	3.16	
Total Xylenes*	<0.150	0.150	06/01/2022	ND	6.23	104	6.00	2.71	
Total BTEX	<0.300	0.300	06/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	06/01/2022	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	05/31/2022	ND	199	99.7	200	4.22	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	181	90.3	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	90.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.5	% 59.5-14	22						

Cardinal Laboratories

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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

Fax To:

 Received:
 05/27/2022
 Sampling Date:
 05/27/2022

 Reported:
 06/01/2022
 Sampling Type:
 Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 3 @ 4 (H222278-27)

BTEX 8021B	mg	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2022	ND	2.03	102	2.00	3.58	
Toluene*	<0.050	0.050	06/01/2022	ND	2.03	102	2.00	2.66	
Ethylbenzene*	<0.050	0.050	06/01/2022	ND	2.01	101	2.00	3.16	
Total Xylenes*	<0.150	0.150	06/01/2022	ND	6.23	104	6.00	2.71	
Total BTEX	<0.300	0.300	06/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/01/2022	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	05/31/2022	ND	199	99.7	200	4.22	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	181	90.3	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	84.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.4	% 59.5-14	2						

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. Keene



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

Fax To:

 Received:
 05/27/2022
 Sampling Date:
 05/27/2022

 Reported:
 06/01/2022
 Sampling Type:
 Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 6 @ SURFACE (H222278-28)

BTEX 8021B	mg,	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2022	ND	2.03	102	2.00	3.58	
Toluene*	<0.050	0.050	06/01/2022	ND	2.03	102	2.00	2.66	
Ethylbenzene*	<0.050	0.050	06/01/2022	ND	2.01	101	2.00	3.16	
Total Xylenes*	<0.150	0.150	06/01/2022	ND	6.23	104	6.00	2.71	
Total BTEX	<0.300	0.300	06/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5040	16.0	06/01/2022	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	05/31/2022	ND	199	99.7	200	4.22	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	181	90.3	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	96.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.8	% 59.5-14	2						

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. Keine



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATT! Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

mg/kg

Sample ID: DFS 6 @ 4 (H222278-29)

BTEX 8021B

EXT DRO >C28-C36

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2022	ND	2.03	102	2.00	3.58	
Toluene*	<0.050	0.050	06/01/2022	ND	2.03	102	2.00	2.66	
Ethylbenzene*	<0.050	0.050	06/01/2022	ND	2.01	101	2.00	3.16	
Total Xylenes*	<0.150	0.150	06/01/2022	ND	6.23	104	6.00	2.71	
Total BTEX	<0.300	0.300	06/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Chloride, SM4500CI-B Analyte	mg, Result	/kg Reporting Limit	Analyze Analyzed	d By: GM Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
					BS 416	% Recovery	True Value QC	RPD 0.00	Qualifier
Analyte	Result	Reporting Limit	Analyzed 06/01/2022	Method Blank		,	·		Qualifier
Analyte Chloride	Result	Reporting Limit	Analyzed 06/01/2022	Method Blank		,	·		Qualifier Qualifier
Analyte Chloride TPH 8015M	Result 9520 mg/	Reporting Limit 16.0	Analyzed 06/01/2022 Analyze	Method Blank ND d By: MS	416	104	400	0.00	

ND

05/31/2022

Analyzed By: CK/

Surrogate: 1-Chlorooctane 105 % 66.9-136 Surrogate: 1-Chlorooctadecane 101 % 59.5-142

<10.0

10.0

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. Freene



Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 6 @ 6 (H222278-30)

BTEX 8021B	mg,	/kg	Analyze	d By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2022	ND	2.03	102	2.00	3.58	
Toluene*	<0.050	0.050	06/01/2022	ND	2.03	102	2.00	2.66	
Ethylbenzene*	<0.050	0.050	06/01/2022	ND	2.01	101	2.00	3.16	
Total Xylenes*	<0.150	0.150	06/01/2022	ND	6.23	104	6.00	2.71	
Total BTEX	<0.300	0.300	06/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10300	16.0	06/01/2022	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	05/31/2022	ND	199	99.7	200	4.22	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	181	90.3	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	102	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.0	% 59.5-14	2						

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. Kune



Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Project Number: 15507 Sample Received By: Shalyn Rodriguez

Applyzod By: CV/

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 6 @ 8 (H222278-31)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2022	ND	2.03	102	2.00	3.58	
Toluene*	<0.050	0.050	06/01/2022	ND	2.03	102	2.00	2.66	
Ethylbenzene*	<0.050	0.050	06/01/2022	ND	2.01	101	2.00	3.16	
Total Xylenes*	<0.150	0.150	06/01/2022	ND	6.23	104	6.00	2.71	
Total BTEX	<0.300	0.300	06/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	06/01/2022	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	05/31/2022	ND	199	99.7	200	4.22	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	181	90.3	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	92.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.5	% 59.5-14	2						

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.

Celey D. Keene



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 6 @ 12 (H222278-32)

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2022	ND	1.97	98.6	2.00	1.11	
Toluene*	<0.050	0.050	06/01/2022	ND	1.99	99.4	2.00	1.27	
Ethylbenzene*	<0.050	0.050	06/01/2022	ND	1.88	93.9	2.00	1.42	
Total Xylenes*	<0.150	0.150	06/01/2022	ND	5.88	98.0	6.00	0.922	
Total BTEX	<0.300	0.300	06/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1710	16.0	06/01/2022	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	05/31/2022	ND	199	99.7	200	4.22	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	181	90.3	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	96.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.3	% 59.5-14	2						

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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 6 @ 14 (H222278-33)

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2022	ND	1.97	98.6	2.00	1.11	
Toluene*	<0.050	0.050	06/01/2022	ND	1.99	99.4	2.00	1.27	
Ethylbenzene*	<0.050	0.050	06/01/2022	ND	1.88	93.9	2.00	1.42	
Total Xylenes*	<0.150	0.150	06/01/2022	ND	5.88	98.0	6.00	0.922	
Total BTEX	<0.300	0.300	06/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1540	16.0	06/01/2022	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	05/31/2022	ND	199	99.7	200	4.22	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	181	90.3	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	90.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.1	% 59.5-14	2						

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. Keene



Sample Received By:

05/27/2022

Shalyn Rodriguez

Analytical Results For:

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

Analyzed By: CK

Fax To:

Received: 05/27/2022 Sampling Date:

Reported: 06/01/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H BATT! Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 6 @ 16 (H222278-34)

BTEX 8021B

	mg/	<u>"9</u>	Апагуге	u 5 y . C					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2022	ND	1.97	98.6	2.00	1.11	
Toluene*	<0.050	0.050	06/01/2022	ND	1.99	99.4	2.00	1.27	
Ethylbenzene*	<0.050	0.050	06/01/2022	ND	1.88	93.9	2.00	1.42	
Total Xylenes*	<0.150	0.150	06/01/2022	ND	5.88	98.0	6.00	0.922	
Total BTEX	<0.300	0.300	06/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	06/01/2022	ND	416	104	400	0.00	
TPH 8015M	mg/			_					
	11197	кд	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
•		_			BS 199	% Recovery	True Value QC	RPD 4.22	Qualifier
GRO C6-C10*	Result	Reporting Limit	Analyzed	Method Blank		,	•		Qualifier
Analyte GRO C6-C10* DRO >C10-C28* EXT DRO >C28-C36	Result <10.0	Reporting Limit	Analyzed 05/31/2022	Method Blank	199	99.7	200	4.22	Qualifier

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.

Celey D. Keene

Surrogate: 1-Chlorooctadecane

Celey D. Keene, Lab Director/Quality Manager

100 %

59.5-142



Shalyn Rodriguez

Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Project Name: RED HILLS WEST 21 FED COM 2H BATT! Sampling Condition:
Project Number: 15507 Sample Received By:

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 6 @ 18 (H222278-35)

BTEX 8021B	mg	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2022	ND	1.97	98.6	2.00	1.11	
Toluene*	<0.050	0.050	06/01/2022	ND	1.99	99.4	2.00	1.27	
Ethylbenzene*	<0.050	0.050	06/01/2022	ND	1.88	93.9	2.00	1.42	
Total Xylenes*	<0.150	0.150	06/01/2022	ND	5.88	98.0	6.00	0.922	
Total BTEX	<0.300	0.300	06/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/01/2022	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	05/31/2022	ND	199	99.7	200	4.22	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	181	90.3	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	93.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.3	% 59.5-14	22						

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. Keene



Shalyn Rodriguez

Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition: ** (See Notes)

Project Name: RED HILLS WEST 21 FED COM 2H BATTE Sampling Condition:
Project Number: 15507 Sample Received By:

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 6 @ 20 (H222278-36)

BTEX 8021B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2022	ND	1.97	98.6	2.00	1.11	
Toluene*	<0.050	0.050	06/01/2022	ND	1.99	99.4	2.00	1.27	
Ethylbenzene*	<0.050	0.050	06/01/2022	ND	1.88	93.9	2.00	1.42	
Total Xylenes*	<0.150	0.150	06/01/2022	ND	5.88	98.0	6.00	0.922	
Total BTEX	<0.300	0.300	06/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	06/01/2022	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	05/31/2022	ND	183	91.6	200	8.60	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	177	88.5	200	14.6	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	113	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	128	% 59.5-14	2						

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.

Celey D. Keine



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 05/27/2022 Sampling Date: 05/27/2022

Reported: 06/01/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H BATTI Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: DFS 6 @ 22 (H222278-37)

BTEX 8021B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2022	ND	1.97	98.6	2.00	1.11	
Toluene*	<0.050	0.050	06/01/2022	ND	1.99	99.4	2.00	1.27	
Ethylbenzene*	<0.050	0.050	06/01/2022	ND	1.88	93.9	2.00	1.42	
Total Xylenes*	<0.150	0.150	06/01/2022	ND	5.88	98.0	6.00	0.922	
Total BTEX	<0.300	0.300	06/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	06/01/2022	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	05/31/2022	ND	183	91.6	200	8.60	
DRO >C10-C28*	<10.0	10.0	05/31/2022	ND	177	88.5	200	14.6	
EXT DRO >C28-C36	<10.0	10.0	05/31/2022	ND					
Surrogate: 1-Chlorooctane	80.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.8	% 59.5-14	2						

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.

Celey D. Kune



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.

Celeg D. Freene

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 8824

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	: Etech Environmenta	al & Safety Solution	ıns,	Inc.						B	ILL	TO							ANA	LYS	IS R	EQUI	EST		
Project Manage		renshav						P.O.	#:							T					T	T			
Address: P.C								Con	npa	ny:/	ne	J ba	irne	1	1					1					
City: Lovingt	on	State: NM 2	ip:	882	60			Attn	: 2	abb	in	Run	nels	1		1	- 1				1				
Phone #: (57	5) 396-2378	Fax #: (575) 39	6-14	129									Parksh			1									
Project #: 15	507	Project Owner:								tob			14.()	1			_								
Project Name:	Red Hills	2150200	M	2	_H				_		Zij):			2		BTEX (8021B)								
Project Locatio	Red Hills	21616	9	國/ 1	Roml	Tal		Pho				-		Ę	100		807								
Sampler Name:	Dominic Co	carch	عرا	47 /	tourt	(~)		Fax	-					Chloride	TPH (8015M)		×		1	1					
FOR LAB USE ONLY	DOMINAL CO	To all Co		T	-	MATR			_	SER	V.	SAMPI	ING	1 ~	1		BT								
Lab I.D.	Sample I.	D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL		DATE	TIME												
1	DFS 4 @ 51											27		1	1		1								
2	DF5 4 @ 1								1			27													
334,5	DF5 46 2										6	,21			11										
4,	DF 6 4 8 3					1					6	27		II	II										
5	DES UQU										5	17													
6	DFS 5@ SUL	¢									5	27			П										
	DES SQI										5														
8	DF5582					1					3	27			11									_	
9	DF\$503										5	01					,								
10	DF5 6@4					4					15	27		A	A	1									
Relinquished B	ling those for negligence and any other of cardinal be liable for incidental or consequing out of or related to the performance by:	pused wheteover that be dequested derrages, including a of services hereunder by Car Bate: 37-33 Time: 1544	emed thousand Rec	iminative	d unless m ion, busine	ade in wr se interru other auc	iting and spilone, i in claim	receive see of u	ed by (see, or d upon	Cardina loss of any of	d within profite i	30 days a acurred b	for completion of client, its subsidi	the application, doe. esult: ik: (S:		198		No No	Add'	Phone Fax #					
		0°)C-0.9			Coo	ple Co	act				KED														

FORM-006 Revision 1.0

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	: Etech Environmental & Safety Solut	ions	, In	C.				Γ		1	BIL	L TO						AN	ALYS	SIS	REQ	UES	T		
Project Manage	r. Lance Crenshaw							P.	0. #								T			T					
Address: P.O								Co	mp	any:	Me	Wboirn	e ail												
City: Lovingto	on State: NM	Zip	:88	260								AUNK												1	
Phone #: (57	5) 396-2378 Fax #: (575) 3	96-1	429)									hrkble					1						- 1	
Project #: 15	507 Project Owner								ty:															- 1	
Project Name:	Red Hills 21 Fed (201	4	21	2				_			Zip:			E	18					-1	1	- 1	- 1	
Project Location			-	-					one		V	Lip.		Chloride	TPH (8015M)	BTEX (8021B)								-	
Sampler Name:									x #:		_			美	B)	×								- 1	
FOR LAB USE ONLY	Dominic Carrier	Г	Т	T	M	ATR	X	li d	-	SEF	RV.	SAMPLI	NG	0	표	16							- 1		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME												
11	pfs 5@6											527		1	1	1									
12	DFS 6 @ 8																								
13	DF5 5@10																								
14	DFS 5@12														1										
15	DF 3 6@ 14															П	T								
16	DFS 1@ SULF																								
17	DF3 1@4																								
13 14 15 19 17 18 19	DFS 106											1													
19	DF3 1 P8																								
	DFS 109											0		V	7	A									
analyses. All claims includi	nd Damages. Cardinal's Sublity and cliant's exclusive remedy for a ing those for negligence and any other cause whatsoever shall be ardinal be liable for incidental or consequental damages, including	donm	rd week	red uni	eas mac	io in wi	ting an	d rece	ived by	Cardi	inal wit	thin 30 days after	completion of th	te applica	ble										

Relinquished By:	Date: 5 2 7	Received By:	Phone Result:
about	Time: 1546	Spodeignery	REMARKS:
Relinquished By:	Date:	Received By:	
	Time:		Please email results to pm@etechenv.com.
Delivered By: (Circle One)	02/00	Sample Condition CHECKED BY:	
Sampler - UPS - Bus - Other:	31.50 #	13 PNO NO	

FORM-006 Revision 1.0

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Page 42 of 43

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	: Etech Environmental & Safety Solut	ions	, Inc	2.						1	311	4 7	TO							ANA	LYS	SIS	RE	QUE	ST			
Project Manage	r. Lanc Grensh	101	/					P.O	. #:																			
Address: P.O								Cor	npa	my:	me	we	26 y C	n oil			1						- 1					
City: Lovingto	on State: NM	Zip:	88	260										nels														
Phone #: (579	5) 396-2378 Fax #: (575) 3	96-1	429					Add	ires	s:	18	0/3	vin	pr kbiu														
Project #: 15	507 Project Owner									Ho																		ĺ
Project Name:	Red Hills 21 Fed	00	n	21	1							Zip:				TPH (8015M)		BTEX (8021B)									-	
Project Location	n: rural Jel NM		_		-			Pho			-				Chloride	801		(80										
Sampler Name:	Dominic Casure	2					-	Fax							흥	I		EX										
FOR LAB USE ONLY	4 7000 4 000 000				M	ATRI	K	\Box	PRE	SEF	W.	SA	MPL.	ŅG		F		8										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER;	ACID/BASE:	ICE / COOL	OTHER:	DA	ATE	TIME														
	PR 28 Surf					1/2					_	5	27		,	1	T	1										
22	DF5 200 1					1											I											
1888 15 1888 2888 2888 2888 2888 2888 28	DES 2 @ 2					V											I											
24	DC5 2 6 3					1																						
25	DFS 3@ SUIF					1											1	1				1				_	1	
26	DF5 3@3										4	_			1	1	1			-	-	1			_	1	_	
27	DF5 3@4				-11	4				-	1	1				1	4			-	-	-	_		+	1	-	
28	DFS 6@ SVIF	_	L		-11	4		_	4		4	-			1	1	+	-	_	-	-	+	-		+	+	-	
39	DF31@4		L		-	,			-		+	1		-	V	1	-	1		+	+	+	-		+	+	+	
PLEASE NOTE: Liability as	DF3 6 CE 6	ny cleir	n adai	ng wheth	or bee	ed in or	entract o	or tort,	shell	be lim	hed to	the am	ount pai	d by the client for	the	_		_							_			
analyses. All claims includi	ng those for negligence and any other cause whateover shall be content to liable for inclinatel or consequential discusses, includes	deeme	d week	ed union	n medi	in well	ing and doné, k	recen	red by	Card	of pro	dia bucu	med by	or completion of the		bio												
Relinquished B	ing out of or related to the performance of services hereunder by C	ardinal	, rege	rdiess of	wheth	er such	claim i	s bese	d upo	n any	of the	above s	stated re	Phone Re	16.	OY	es		No	Add	1 Pho	ne #:			_	_		
Da	# 27 Time: 1546			200		io	ni	2	N	7				REIMARKS	t:	DY			No	Add	I Fax	#:						
Relinquished B	y: Date:	Re	cei	ved B	By:					0				1														
	Time:	-												Please e	mail r	esul	ts to	o pr	n@e	teche	nv.cc	om.						
Delivered By Sampler - UPS	- Bus - Other: 20.06 C-0.9	5 %		0	מטו	inta	ndition Ct Yes No			(Ĩ	nitia 2	ED BY	Y:															
	101364	11	2		N	0	NIO			0	1		_			_	_											

FORM-006 Revision 1.0

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Page 43 of 43

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name	: Etech Environmenta	al & Safety Solution	ms,	Inc.				T		1	<i>BIL</i>	L TO						A	NAL	YSIS	RE	QUE	ST		
Project Manage	E Lanc Cr.	enshub						P.	0. #	:						T									
Address: P.C). Box 301							Co	mp	any:	M	en boi	rhoil												
City: Lovingt	on	State: NM	ip:	882	60							c Konn								1					
Phone #: (57	5) 396-2378	Fax #: (575) 39	6-14	129									Restil						- 1						
Project #: 15	507	Project Owner:								40			AD CORP												
Project Name:	Red Hills	21 fed (614	-	24					NU	********				N.	1									
	n: reral Jal	MM.							one	-		p.		Chloride	TPH (8015M)	10000 VITE	200			ı					
Sampler Name:		Case 7	-				-	-	x #:					봈	H	1	4								
FOR LAB USE ONLY	204/1/10	-30166		П		MATR	IX	1	_	ESE	RV.	SAMPL	NG	~	F	1 2	0								
Lab I.D.	Sample I.	D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SHIDGE	OTHER:	ACID/BASE	ICE / COOL	OTHER:	DATE	TIME												
31	DFS 608											577		1	ī	T									
37 33 33 34 35 36 37	DFS 6@ 12											1													
33	DF < 60, 14															T	Π								
34	DF5 60 16															1-7									
35	DFS 68 18													Π											
36	DES 60 20															17									
37	DF5 6 @ 22														1	II									
	200															T									
						1								1	1	1									
DC 527	28											4		W	14	4									
PLEASE NOTE: Liability of analyses. All claims includ service. In no event shall C affliates or successors aris	ing out of or related to the performance	ause wheteoever shall be di pental darrages, including t of services hereunder by Ca	dhey rdinal	tegers	ion, busi ion, busi ions of w	made in w less inter hether su	oling a splan	and reco	obrect is of uses,	or loss	inal wi of pro	thin 30 days after this incurred by	er completion of the client, its autorities anone or otherwis	io applica ios, io.				- 10	-1-44						
Relinquished B	y:	Date: 27			ed By								Phone Re Fax Resul		O Y				dd'l F	hone ax #:	罪:			 	
()an	A	Time: 1540		0	10	de	10	n	le	N	7		REMARKS	3:											
Relinquished B	y:	Date:			ed By			0			0														
		Time:											Please e	mail r	esult	s to	pm@	detec	henv	.com).				
Delivered By	- Bus - Other:	0°) C.O.E	Sé		Co	of in	tact		Q	(Inith	ED BY: als)													
Sampler - UPS	- Bus - Other:	21.5c#1	13			Yes	1	40	0	R	-														

FORM-006 Revision 1.0

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



June 23, 2022

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

RE: RED HILLS WEST 21 FED COM 2H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/09/22 16:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 accred 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. Keene

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

Project: RED HILLS WEST 21 FED COM 2H

Reported:

2617 W MARLAND

Project Number: 15507

23-Jun-22 14:08

HOBBS NM, 88240

Project Manager: LANCE CRENSHAW

Fax To:

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW 12	H222473-01	Soil	09-Jun-22 00:00	09-Jun-22 16:40
SW 13	H222473-02	Soil	09-Jun-22 00:00	09-Jun-22 16:40
EW 14	H222473-03	Soil	09-Jun-22 00:00	09-Jun-22 16:40
EW 13	H222473-04	Soil	09-Jun-22 00:00	09-Jun-22 16:40

06/23/22 - Client changed the sample ID on -03. This is the revised report and will replace the one sent on 06/14/22.

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 are 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 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 su 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. Keine



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 14:08

SW 12 H222473-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2061019	AC	10-Jun-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2061016	JH/	10-Jun-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2061016	JH/	10-Jun-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2061016	JH/	10-Jun-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2061016	JH/	10-Jun-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2061016	JH/	10-Jun-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			95.9 %	69.9	-140	2061016	JH/	10-Jun-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2061011	MS	10-Jun-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2061011	MS	10-Jun-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2061011	MS	10-Jun-22	8015B	
Surrogate: 1-Chlorooctane			71.8 %	66.9	-136	2061011	MS	10-Jun-22	8015B	
Surrogate: 1-Chlorooctadecane			80.2 %	59.5	-142	2061011	MS	10-Jun-22	8015B	

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 aring 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 sur 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

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 14:08

SW 13 H222473-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2061019	AC	10-Jun-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2061016	JH/	10-Jun-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2061016	JH/	10-Jun-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2061016	JH/	10-Jun-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2061016	JH/	10-Jun-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2061016	JH/	10-Jun-22	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		97.0 %	69.9	-140	2061016	JH/	10-Jun-22	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2061011	MS	14-Jun-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2061011	MS	14-Jun-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2061011	MS	14-Jun-22	8015B	
Surrogate: 1-Chlorooctane			123 %	66.9	-136	2061011	MS	14-Jun-22	8015B	
Surrogate: 1-Chlorooctadecane			128 %	59.5	-142	2061011	MS	14-Jun-22	8015B	

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 aring 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 sur 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

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 14:08

EW 14 H222473-03 (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	2061019	AC	10-Jun-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2061016	JH/	10-Jun-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2061016	JH/	10-Jun-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2061016	JH/	10-Jun-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2061016	JH/	10-Jun-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2061016	JH/	10-Jun-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		96.5 %	69.9	-140	2061016	JH/	10-Jun-22	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2061011	MS	13-Jun-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2061011	MS	13-Jun-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2061011	MS	13-Jun-22	8015B	
Surrogate: 1-Chlorooctane			89.0 %	66.9	-136	2061011	MS	13-Jun-22	8015B	
Surrogate: 1-Chlorooctadecane			93.8 %	59.5	-142	2061011	MS	13-Jun-22	8015B	

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 aring 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 sur 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

Celey D. Keene, Lab Director/Quality Manager

Reported:

23-Jun-22 14:08



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

Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

EW 13 H222473-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	2061019	AC	10-Jun-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2061016	JH/	10-Jun-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2061016	JH/	10-Jun-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2061016	JH/	10-Jun-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2061016	JH/	10-Jun-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2061016	JH/	10-Jun-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			97.1 %	69.9	-140	2061016	JH/	10-Jun-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2061011	MS	10-Jun-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2061011	MS	10-Jun-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2061011	MS	10-Jun-22	8015B	
Surrogate: 1-Chlorooctane			67.2 %	66.9	-136	2061011	MS	10-Jun-22	8015B	
Surrogate: 1-Chlorooctadecane			72.7 %	59.5	-142	2061011	MS	10-Jun-22	8015B	

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 aring 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 sur 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. Keine



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 14:08

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2061019 - 1:4 DI Water										
Blank (2061019-BLK1)				Prepared &	Analyzed:	10-Jun-22				
Chloride	ND	16.0	mg/kg							
LCS (2061019-BS1)				Prepared &	Analyzed:	10-Jun-22				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (2061019-BSD1)				Prepared &	: Analyzed:	10-Jun-22				
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	

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 aring 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 sur 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



%REC

Limits

RPD

Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240

Analyte

Total Xylenes

Surrogate: 4-Bromofluorobenzene (PID)

Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Spike

Level

Source

Result

%REC

97.9

95 7

89.1-124

69.9-140

Fax To:

Reported: 23-Jun-22 14:08

RPD

Limit

13.4

Notes

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

0.150

mg/kg

mg/kg

6.00

0.0500

5.87

0.0479

Result

Blank (2061016-BLK1)				Prepared & Analyzed: 10-Jun-22							
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	99.3	69.9-140					
LCS (2061016-BS1)	Prepared & Analyzed: 10-Jun-22										
Benzene	2.21	0.050	mg/kg	2.00	110	83.4-122					
Toluene	2.18	0.050	mg/kg	2.00	109	84.2-126					
Ethylbenzene	2.12	0.050	mg/kg	2.00	106	84.2-121					
m,p-Xylene	4.47	0.100	mg/kg	4.00	112	89.9-126					
o-Xylene	2.09	0.050	mg/kg	2.00	104	84.3-123					
Total Xylenes	6.56	0.150	mg/kg	6.00	109	89.1-124					
Surrogate: 4-Bromofluorobenzene (PID)	0.0477		mg/kg	0.0500	95.4	69.9-140					
LCS Dup (2061016-BSD1)				Prepared & Anal	yzed: 10-Jun-22						
Benzene	1.98	0.050	mg/kg	2.00	99.2	83.4-122	10.7	12.6			
Toluene	1.97	0.050	mg/kg	2.00	98.4	84.2-126	10.1	13.3			
Ethylbenzene	1.89	0.050	mg/kg	2.00	94.4	84.2-121	11.5	13.9			
m,p-Xylene	3.99	0.100	mg/kg	4.00	99.7	89.9-126	11.4	13.6			
o-Xylene	1.89	0.050	mg/kg	2.00	94.3	84.3-123	10.3	14.1			

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 are 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. 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 su 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. Freene

Celey D. Keene, Lab Director/Quality Manager



%REC

Limits

RPD

Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240

Analyte

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

Project: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Spike

Level

50.0

50.0

Source

Result

%REC

87.9

94.8

66.9-136

59.5-142

Fax To:

Reported: 23-Jun-22 14:08

RPD

Limit

Notes

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

44.0

47.4

Blank (2061011-BLK1)		Prepared & Analyzed: 10-Jun-22										
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	47.0		mg/kg	50.0	93.9	66.9-136						
Surrogate: 1-Chlorooctadecane	51.2		mg/kg	50.0	102	59.5-142						
LCS (2061011-BS1)				Prepared & Anal	lyzed: 10-Jun-22							
GRO C6-C10	180	10.0	mg/kg	200	90.1	78.5-128						
DRO >C10-C28	192	10.0	mg/kg	200	96.0	75.8-135						
Total TPH C6-C28	372	10.0	mg/kg	400	93.0	81.5-127						
Surrogate: 1-Chlorooctane	52.2		mg/kg	50.0	104	66.9-136						
Surrogate: 1-Chlorooctadecane	55.5		mg/kg	50.0	111	59.5-142						
LCS Dup (2061011-BSD1)		Prepared & Analyzed: 10-Jun-22										
GRO C6-C10	184	10.0	mg/kg	200	92.2	78.5-128	2.37	21.4				
DRO >C10-C28	189	10.0	mg/kg	200	94.5	75.8-135	1.65	17.9				
Total TPH C6-C28	373	10.0	mg/kg	400	93.3	81.5-127	0.315	17.6				

mg/kg

mg/kg

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 are 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 succession are only 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



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 aring 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 sur 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

Page 11 of 11

RDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	: Etech Environmental & Safety Solution	ons, Inc.	BILL TO		ANALYSIS REQUEST
Project Manage	- Lance (venshau	/	P.O. #:		
Address: P.O	. Box 301	, i	Company: Mewbo VI	ne	
City: Lovingto	on State: NM	Zip: 88260	Attn: Robbie Runne	15	
Phone #: (575	5) 396-2378 Fax #: (575) 39	6-1429	Address: USO Bus a	65 Palk	
Project #: 15	50> Project Owner:	mewbourne	City: Hobbs		
Project Name:	Red Hills West 21 fe	LCOM2H	State: NM Zip:	Chloride	3TEX (8021B)
Project Location: Ryral Jul NM Sampler Name: Downic Cuscier			Phone #:	Chloride H (8015]	08)
			Fax #:	등	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLIN	IG F	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	TIME	
DCI	5W12		69	1//	
12	5W/3		619	1/	
3	EWIZ EWHX		6/9	1/1	
9	EW13	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	69	- ' '	
					
W/-					
PLEASE NOTE: Liability as	nd Damages, Cardina's liability and client's exclusive remedy for an ing those for negligence and any other cause whatecover shall be d	y claim arising whether based in contract	t or tort, shall be limited to the amount paid at received by Cardinal within 30 days after	by the client for the completion of the applicable	
affliates or successors arisi	cardinal be liable for incidental or consequental deranges, including inp out of or related to the performance of services hereunder by Ci	without Brilliation, business interruptions,	loss of use, or loss of profile incurred by cl	leet, its subsidiaries,	
Relinguished B	v: Date: A / h	Received By:		Phone Result: Y	
1/bmil	n/1012 Time: 4:40	Scooleic	and of		
Relinquished B	y: Date: 10.9.22	Received By:	1000	* Janple I	D changed as per Ben. 6/23/22
	Time: 1040				
Delivered By		Sample Condit		Please email result	ts to prn@etechenv.com.
	- Bus - Other:		(Initials)		
Sampler - SPS	- Bus - Other: 28.6° #	15 Yes Ye	000		

FORM-006 Revision 1.0



June 17, 2022

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

RE: RED HILLS 21 FED COM 2H

Enclosed are the results of analyses for samples received by the laboratory on 06/13/22 16:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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_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:
 06/13/2022
 Sampling Date:
 06/13/2022

 Reported:
 06/17/2022
 Sampling Type:
 Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)
Project Number: 15507 Sample Received By: Shalyn Rodriguez

A I J D. ... 711

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: WW 16 B (H222529-01)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2022	ND	2.02	101	2.00	0.465	
Toluene*	<0.050	0.050	06/14/2022	ND	2.03	102	2.00	1.23	
Ethylbenzene*	<0.050	0.050	06/14/2022	ND	1.94	96.8	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/14/2022	ND	6.02	100	6.00	2.40	
Total BTEX	<0.300	0.300	06/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 % 69.9-140		0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/15/2022	ND	448	112	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	06/15/2022	ND	196	98.2	200	3.39	
DRO >C10-C28*	<10.0	10.0	06/15/2022	ND	200	100	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	06/15/2022	ND					
Surrogate: 1-Chlorooctane	130	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	134	% 59.5-14	2						

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:

Received: 06/13/2022 Sampling Date: 06/13/2022

Reported: 06/17/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - RURAL JAL, NM

mg/kg

Sample ID: WW 17 B (H222529-02)

BTEX 8021B

DILX OUZID	ilig/ kg		Analyzed by: 311						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2022	ND	2.02	101	2.00	0.465	
Toluene*	<0.050	0.050	06/14/2022	ND	2.03	102	2.00	1.23	
Ethylbenzene*	<0.050	0.050	06/14/2022	ND	1.94	96.8	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/14/2022	ND	6.02	100	6.00	2.40	
Total BTEX	<0.300	0.300	06/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0 % 69.9-14		0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/15/2022	ND	448	112	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	06/14/2022	ND	196	98.2	200	3.39	
DRO >C10-C28*	<10.0	10.0	06/14/2022	ND	200	100	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	06/14/2022	ND					
Surrogate: 1-Chlorooctane	101	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102	% 59.5-14	2						

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.

Celey D. Keene



Analytical Results For:

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

Received: 06/13/2022 Reported: 06/17/2022 Sampling Date: 06/13/2022 Sampling Type: Soil

Project Name:

RED HILLS 21 FED COM 2H

Sampling Condition: ** (See Notes)

Project Number: 15507

Sample Received By:

Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: WW 18 B (H222529-03)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2022	ND	2.02	101	2.00	0.465	
Toluene*	<0.050	0.050	06/14/2022	ND	2.03	102	2.00	1.23	
Ethylbenzene*	< 0.050	0.050	06/14/2022	ND	1.94	96.8	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/14/2022	ND	6.02	100	6.00	2.40	
Total BTEX	<0.300	0.300	06/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 % 69.9-14		0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	06/15/2022	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	06/14/2022	ND	196	98.2	200	3.39	
DRO >C10-C28*	<10.0	10.0	06/14/2022	ND	200	100	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	06/14/2022	ND					
Surrogate: 1-Chlorooctane	78.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.1	% 59.5-14	2						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 06/13/2022 Sampling Date: 06/13/2022

Reported: 06/17/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE - RURAL JAL, NM

ma/ka

Sample ID: WW 19 B (H222529-04)

RTFY 8021R

B1EX 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	06/14/2022	ND	2.02	101	2.00	0.465	
Toluene*	<0.050	0.050	06/14/2022	ND	2.03	102	2.00	1.23	
Ethylbenzene*	<0.050	0.050	06/14/2022	ND	1.94	96.8	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/14/2022	ND	6.02	100	6.00	2.40	
Total BTEX	<0.300	0.300	06/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 % 69.9-14		0						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/15/2022	ND	448	112	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	06/14/2022	ND	196	98.2	200	3.39	
DRO >C10-C28*	<10.0	10.0	06/14/2022	ND	200	100	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	06/14/2022	ND					
Surrogate: 1-Chlorooctane	92.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.5	% 59.5-14	2						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 06/13/2022 Sampling Date: 06/13/2022

Reported: 06/17/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE - RURAL JAL, NM

ma/ka

Sample ID: WW 20 B (H222529-05)

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	06/14/2022	ND	2.02	101	2.00	0.465	
Toluene*	<0.050	0.050	06/14/2022	ND	2.03	102	2.00	1.23	
Ethylbenzene*	<0.050	0.050	06/14/2022	ND	1.94	96.8	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/14/2022	ND	6.02	100	6.00	2.40	
Total BTEX	<0.300	0.300	06/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 % 69.9-140		0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/15/2022	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	06/14/2022	ND	196	98.2	200	3.39	
DRO >C10-C28*	<10.0	10.0	06/14/2022	ND	200	100	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	06/14/2022	ND					
Surrogate: 1-Chlorooctane	84.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.7	% 59.5-14.	2						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 06/13/2022 Sampling Date: 06/13/2022

Reported: 06/17/2022 Sampling Type: Soil
Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE - RURAL JAL, NM

ma/ka

Sample ID: EW 15 A (H222529-06)

RTFY 8021R

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2022	ND	2.02	101	2.00	0.465	
Toluene*	<0.050	0.050	06/14/2022	ND	2.03	102	2.00	1.23	
Ethylbenzene*	<0.050	0.050	06/14/2022	ND	1.94	96.8	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/14/2022	ND	6.02	100	6.00	2.40	
Total BTEX	<0.300	0.300	06/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 % 69.9-140		0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/15/2022	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	06/14/2022	ND	196	98.2	200	3.39	
DRO >C10-C28*	<10.0	10.0	06/14/2022	ND	200	100	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	06/14/2022	ND					
Surrogate: 1-Chlorooctane	99.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103	% 59.5-14	2						

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.

Celey D. Keene



Shalyn Rodriguez

Analytical Results For:

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

Fax To:

Received: 06/13/2022 Sampling Date: 06/13/2022

Reported: 06/17/2022 Sampling Type: Soil
Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)

Project Name: RED HILLS 21 FED COM 2H Sampling Condition:
Project Number: 15507 Sample Received By:

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: EW 16 A (H222529-07)

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	06/14/2022	ND	2.02	101	2.00	0.465	
Toluene*	<0.050	0.050	06/14/2022	ND	2.03	102	2.00	1.23	
Ethylbenzene*	<0.050	0.050	06/14/2022	ND	1.94	96.8	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/14/2022	ND	6.02	100	6.00	2.40	
Total BTEX	<0.300	0.300	06/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	06/15/2022	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	06/14/2022	ND	196	98.2	200	3.39	
DRO >C10-C28*	<10.0	10.0	06/14/2022	ND	200	100	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	06/14/2022	ND					
Surrogate: 1-Chlorooctane	107	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112	% 59.5-14	22						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 06/13/2022 Sampling Date: 06/13/2022

Reported: 06/17/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: EW 17 B (H222529-08)

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	06/14/2022	ND	2.02	101	2.00	0.465	
Toluene*	<0.050	0.050	06/14/2022	ND	2.03	102	2.00	1.23	
Ethylbenzene*	<0.050	0.050	06/14/2022	ND	1.94	96.8	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/14/2022	ND	6.02	100	6.00	2.40	
Total BTEX	<0.300	0.300	06/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/15/2022	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	06/14/2022	ND	196	98.2	200	3.39	
DRO >C10-C28*	<10.0	10.0	06/14/2022	ND	200	100	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	06/14/2022	ND					
Surrogate: 1-Chlorooctane	110	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	114	% 59.5-14	22						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 06/13/2022 Sampling Date: 06/13/2022

Reported: 06/17/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: EW 18 A (H222529-09)

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	06/14/2022	ND	2.02	101	2.00	0.465	
Toluene*	<0.050	0.050	06/14/2022	ND	2.03	102	2.00	1.23	
Ethylbenzene*	<0.050	0.050	06/14/2022	ND	1.94	96.8	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/14/2022	ND	6.02	100	6.00	2.40	
Total BTEX	<0.300	0.300	06/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/15/2022	ND	432	108	400	3.64	
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	06/14/2022	ND	196	98.2	200	3.39	
DRO >C10-C28*	<10.0	10.0	06/14/2022	ND	200	100	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	06/14/2022	ND					
Surrogate: 1-Chlorooctane	117	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	121	% 59.5-14	2						

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.

Celey D. Keene



Notes and Definitions

The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or S-06 matrix interference's. 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

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 inclured 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. Freene

Page 12 of 12

ARDINAL LABORATORIES 101 Fast Mariand, Hobbs, NM 8824

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	: Etech Environmenta	al & Safety Solution	ns,	Inc.							1	BIL	L TO									ANA	LY	SIS	RI	EQU	ES	Γ		
Project Manage	r. Lance Cr	enshaw							P.C). #:						\neg			Г								T			
Address: P.O	. Box 301								Co	mpa	any	W	elboy	10	ME															
City: Lovingto	on	State: NM Zi	ip:	882	60				Att	n: A	66	hie	KUN	HP.	15															
Phone #: (57	5) 396-2378	Fax #: (575) 396	-14	129					Ad	dres	ss:(180	(Bos	A.	rK															
Project #:		Project Owner:										66				\neg			١.											
Project Name:	Red Hills'	21 Fed Cou	1	71	+							-	Zip:				0	SM)	1 5	18				- 1						
Project Location	n: Rusal -	Tal W. NA		-						one						7	Chloride	301	100	(802										
Sampler Name:	Dominic	104.00	2	_					-	c#:	_						Chi	TPH (8015M)	1	STEX (8021B)										
FOR LAB USE ONLY			Ť	T		MA	TRI			PRE	_	RV.	SAMP	LING	3			F	1	18										
Lab I.D.	Sample I.I	D.	(S)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE		TIME															
DCI	DWW 16 B		П			1							6113	14	140		1	1		1			T							
12	WW 17 B					1							1	T	. (T													
3	WW 18 B																													
14	WV 12 B					1										1														
5	4N20B		_	_		1	L					_	-	1	1	4			П				1	1			-	-		
19	EW 15 A		4	_	1	1	-	-			_	_	-	1	1	4		-	Ц			-	\perp	-			1	_		-
12	EW 16 A		4		4		-	-	Щ			_	1	+	-	4	\vdash	1	11	_			-	-		-	+	_		
18	EW 173		-	4	4	1	-		Н		_	-	V	+	1/	4	4	1	10	-		-	+	+	_	-	+	-		-
49	EV18A		-	\dashv	+	+	-		Н			+		+	4)	+	-	-	-			-	+	+		\vdash	+	\dashv	_	+
enelyses. All cleims include service. In no event shall Conflictes or successors arise Relinquished By Relinquished By Relinquished By	A	suce whatsoover shall be deer userful damages, including wild of services hereunder by Cardina Date: Time: Date: F	med hout inal,	weiver limited regerd	ent of E	whether in which in	Such Co	ng and fore, i claim i	receit see of is besse	une, o	r toss	of the	thin 30 days at the incurred by above stated	p F	mpletion	of the iddenter envise. Resi sult: RKS:	application,	D Ye	36		No No	Add	I Pho I Fax	#:						
		28.9:#11	12	3	C	ool Ye	Inta	Yes		<	8	P	als)																	

FORM-006 Revision 1.0

Received by OCD: 6/7/2024 3:44:33 PM

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



June 21, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS 21 FED COM 2H

Enclosed are the results of analyses for samples received by the laboratory on 06/16/22 16:21.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 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:

Applyand By 14

Received: 06/16/2022 Reported: 06/21/2022

06/21/2022

RED HILLS 21 FED COM 2H

Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sampling Date: 06/16/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: OSS @ SUR (H222584-01)

Project Name:

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	06/17/2022	ND	2.03	102	2.00	2.58	
Toluene*	<0.050	0.050	06/17/2022	ND	2.04	102	2.00	3.01	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.92	95.9	2.00	2.71	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	5.96	99.3	6.00	2.77	
Total BTEX	<0.300	0.300	06/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	06/17/2022	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	06/17/2022	ND	195	97.4	200	1.54	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	201	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					
Surrogate: 1-Chlorooctane	98.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	108 9	% 59.5-14	2						

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.

Celey D. Keene



Sample Received By:

Tamara Oldaker

Analytical Results For:

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

Fax To:

 Received:
 06/16/2022
 Sampling Date:
 06/16/2022

 Reported:
 06/21/2022
 Sampling Type:
 Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: OSS @ 1 (H222584-02)

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	06/17/2022	ND	2.03	102	2.00	2.58	
Toluene*	<0.050	0.050	06/17/2022	ND	2.04	102	2.00	3.01	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.92	95.9	2.00	2.71	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	5.96	99.3	6.00	2.77	
Total BTEX	<0.300	0.300	06/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/17/2022	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	06/17/2022	ND	195	97.4	200	1.54	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	201	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					
Surrogate: 1-Chlorooctane	91.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	100	% 59.5-14	2						

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. Keine



Analytical Results For:

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

Analyzed By: 14

Received: 06/16/2022 Reported: 06/21/2022 Sampling Date: 06/16/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H

Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

ma/ka

Sample ID: WW21 (H222584-03)

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	06/17/2022	ND	2.03	102	2.00	2.58	
Toluene*	<0.050	0.050	06/17/2022	ND	2.04	102	2.00	3.01	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.92	95.9	2.00	2.71	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	5.96	99.3	6.00	2.77	
Total BTEX	<0.300	0.300	06/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	06/17/2022	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	06/17/2022	ND	195	97.4	200	1.54	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	201	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					
Surrogate: 1-Chlorooctane	107	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	118	% 59.5-14	2						

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.

Celey D. Kreine



Analytical Results For:

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

Analyzed By: 14

Received: 06/16/2022 Reported:

Sampling Type: 06/21/2022

Project Name: Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

ma/ka

Soil RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)

Sampling Date:

Sample Received By: Tamara Oldaker

06/16/2022

Sample ID: EW 20 A (H222584-04)

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	06/17/2022	ND	2.03	102	2.00	2.58	
Toluene*	<0.050	0.050	06/17/2022	ND	2.04	102	2.00	3.01	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.92	95.9	2.00	2.71	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	5.96	99.3	6.00	2.77	
Total BTEX	<0.300	0.300	06/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/17/2022	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	06/17/2022	ND	195	97.4	200	1.54	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	201	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					
Surrogate: 1-Chlorooctane	108	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	119	% 59.5-14	2						

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:

Received: 06/16/2022 Sampling Date: 06/16/2022

Reported: 06/21/2022 Sampling Type: Soil
Project Name: RED HILLS 21 FED COM 2H Sampling Condition: **(

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)
Project Number: 15507 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - RURAL JAL, NM

mg/kg

Sample ID: NW 7 (H222584-05)

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	06/17/2022	ND	2.03	102	2.00	2.58	
Toluene*	<0.050	0.050	06/17/2022	ND	2.04	102	2.00	3.01	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	1.92	95.9	2.00	2.71	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	5.96	99.3	6.00	2.77	
Total BTEX	<0.300	0.300	06/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/17/2022	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	06/17/2022	ND	195	97.4	200	1.54	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	201	100	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					
Surrogate: 1-Chlorooctane	103	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	114	% 59.5-14	2						

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. Keine



Analytical Results For:

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

Fax To:

Received: 06/16/2022 Sampling Date: 06/16/2022

Reported: 06/21/2022 Sampling Type: Soil
Project Name: RED HILLS 21 FED COM 2H Sampling Condition: **(

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)
Project Number: 15507 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: MEWBOURNE - RURAL JAL, NM

mg/kg

Sample ID: WW 22 B (H222584-06)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	.u Dy. 3117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2022	ND	2.20	110	2.00	3.98	
Toluene*	<0.050	0.050	06/17/2022	ND	2.19	109	2.00	3.94	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.57	109	6.00	3.50	
Total BTEX	<0.300	0.300	06/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/17/2022	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	06/17/2022	ND	203	101	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	208	104	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					
Surrogate: 1-Chlorooctane	105	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	115	% 59.5-14	2						

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.

Celey D. Keene



06/16/2022

Tamara Oldaker

Analytical Results For:

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

Received: 06/16/2022 Reported: 06/21/2022

06/21/2022 Sampling Type: Soil
RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)

Sampling Date:

Sample Received By:

Project Name: RED H Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: EW 19 A (H222584-07)

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	06/17/2022	ND	2.20	110	2.00	3.98	
Toluene*	<0.050	0.050	06/17/2022	ND	2.19	109	2.00	3.94	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.57	109	6.00	3.50	
Total BTEX	<0.300	0.300	06/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/17/2022	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	06/17/2022	ND	203	101	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	208	104	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					
Surrogate: 1-Chlorooctane	100	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	109	% 59.5-14	2						

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. Keine



Analytical Results For:

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

Fax To:

Received: 06/16/2022 Sampling Date: 06/16/2022 Reported: 06/21/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15507 Tamara Oldaker

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: EW 21 (H222584-08)

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	06/17/2022	ND	2.20	110	2.00	3.98	
Toluene*	<0.050	0.050	06/17/2022	ND	2.19	109	2.00	3.94	
Ethylbenzene*	<0.050	0.050	06/17/2022	ND	2.12	106	2.00	3.81	
Total Xylenes*	<0.150	0.150	06/17/2022	ND	6.57	109	6.00	3.50	
Total BTEX	<0.300	0.300	06/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/17/2022	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	06/17/2022	ND	203	101	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/17/2022	ND	208	104	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	06/17/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	111 9	59.5-14	2						

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. 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.

Celeg D. Freene

Page 11 of 11

RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	: Etech Environmental & Safety Sc	lution	s, In	C.						B	ILL	LTO						AN/	ALYS	IS R	EQUE	ST		
Project Manage	r. Lance Crenth	ah						P.0	, #:								T				1			
Address: P.O	. Box 301							Cor	npa	ny:M	ten	boorn	10										1	
City: Lovingto	on State: NM	Zij	: 88	260									nnels											
Phone #: (575	5) 396-2378 Fax #: (575	396-	1429	9									ercond											
Project #: / S	5507 Project Own	ner: /	leu	160	UV	n				100													1	
Project Name:	Red Hills 21 fe.	2 (de	7	21	1				114					N N	218								
	n: Rural Jel N.M							Pho				-		Chloride	IPH (8015M)	(8021B)								
Sampler Name:			2					Fax	#:					5	I	BTEX								
FOR LAB USE ONLY			T		M	ATRI	X		PRE	SERV	4	SAMPLI	NG		=	B								
Lab I.D.	Sample I.D.	G)RAB OR (C)OM	Z	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL		DATE	TIME											
OC 1	055@ 50V		Т								6	116			1	1								
12												1				П								
3	WWZI																							
4	EWZO A																							
5	NW7										L			1										
16	WW 22B	_	1			1					L			1	1	1	-	-	-	_				
1,7	EW 19 A	_	1								L				1	1	-			+				
48	EW21	_				4	-				L	3		-		-	-	-	-	-				
		_	-								L						-		-	-	-			
	nd Damages, Cardinal's liability and client's exclusive remedy																							

Delivered By: (Circle One) Sampler - UPS - Bus - Other: 162) Date:

33.5 c

Time:

Received By:

Sample Condition Cool Intact Yes Yes

CHECKED BY: (Initials)

Please email results to pm@etechenv.com.

☐ Yes

Fax Result:

REMARKS:

□ No

Add'I Fax #:

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Relinquished By:

Received by OCD: 6/7/2024 3:44:33 PM



June 23, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS 21 FED COM 2H

Enclosed are the results of analyses for samples received by the laboratory on 06/20/22 16:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 accred 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. Keene

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: RED HILLS 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 16:26

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WW 18 C	H222629-01	Soil	20-Jun-22 16:15	20-Jun-22 16:15

06/23/22 - Client changed the sample ID (See COC). This is the revised report and will replace the one sent earlier 06/23/22.

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. Keine



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 16:26

WW 18 C H222629-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	2062128	GM	21-Jun-22	4500-Cl-B	

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 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 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 su 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

2617 W MARLAND HOBBS NM, 88240 Project: RED HILLS 21 FED COM 2H

Project Number: 15507

Project Manager: LANCE CRENSHAW

Fax To:

Reported: 23-Jun-22 16:26

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2062128 - 1:4 DI Water										
Blank (2062128-BLK1)				Prepared &	: Analyzed:	21-Jun-22				
Chloride	ND	16.0	mg/kg							
LCS (2062128-BS1)				Prepared &	Analyzed:	21-Jun-22				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (2062128-BSD1)				Prepared &	Analyzed:	21-Jun-22				
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	

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 aring 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 sur 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



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 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 sur 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

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1	01 East Mariand, Hobbs, NM 88240
	(575) 393-2326 FAX (575) 393-2476
:	Etech Environmental & Safety Solutions, Inc.

Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Lauce Crenshaw	P.O. #: Mewbourne o.1	
Address: P.O. Box 301	Company: Men Menva	
City: Lovington State: NM Zip: 88260	Attn: Robbie Rynnels	
Phone #: (575) 396-2378 Fax #: (575) 396-1429	Address: 490 Bus RK Blvd	
Project #: 15507 Project Owner:	City: Holds	
Project Name: Red Hills 21 Fed Con 2H	State: NM Zip: 7	BTEX (8021B)
Project Location: Rura (Ja)	State: // / Zip: /	(80)
Sampler Name: Pominic Cosurer	Fax #: 5	
FOR LAB USE ONLY MATRI	PRESERV. SAMPLING	
Tap I.D. Sample I.D. # CONTAINERS GROUNDWATER WASTEWATER SOIL	ACID/BASE: CE / COOL OTHER: THER: OTHER: ACID/BASE: ACI	
Victory N		
PLEASE NOTE: Liability and Damagos, Cardinal's liability and client's exclusive remedy for any claim arising whether based in c	nirect or tort, shall be limited to the amount paid by the client for the	
analyses. All cleams including those for negligence and any other cause whatevever shall be deemed waived unless made in wit service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interru	ny and received by Cardinal within 30 days after completion of the appli	Cubite
affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether suc Relinquished By: Date: / / / Received By:	chalm is based upon any of the above stated reasons or otherwise.	☐ Yes ☐ No Add'I Phone #:
Doct Time: 4 15 mg Mun	Fax Result: REMARKS:	ple ID changed as pur ben. 6/23/22
Relinquished By: Date: Received By:	IN Stary	The change as for
Time:		results to pm@etechenv.com.
Delivered By: (Circle One) 29.2 C-0.5 Sample Cool Int Sampler - UPS - Bus - Other: 28.7 #113	ndition CHECKED BY:	results to pringetecheny.com.

FORM-006 Revision 1.0

Received by OCD: 6/7/2024 3:44:33 PM

Page 6 of 6

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



June 27, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS 21 FED COM 2H

Enclosed are the results of analyses for samples received by the laboratory on 06/22/22 15:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 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:

Applyand By 1H /

Received: 06/22/2022 Reported: 06/27/2022

RED HILLS 21 FED COM 2H

Project Name: RED H.
Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sampling Date: 06/22/2022

Sampling Type: Soil

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

Sample ID: EW 22 (H222677-01)

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	06/24/2022	ND	2.19	109	2.00	11.4	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	11.4	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	2.11	106	2.00	11.8	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.58	110	6.00	11.7	
Total BTEX	<0.300	0.300	06/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/24/2022	ND	400	100	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	06/24/2022	ND	218	109	200	2.69	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	221	111	200	2.46	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					
Surrogate: 1-Chlorooctane	92.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107	% 59.5-14	2						

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.

Celey D. Keene



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.

Celeg D. Freene

RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476

Company Name	: Etech Environment	al & Safety Solut	tions	, Inc	.						81	LL TO						ANA	LYSI	SR	EQUE	ST			
Project Manage	r: Lance Crenshaw								P.O.	#:															
Address: 261	7 West Marland								Com	par	ıy	Mewbo	ume	1											
City: Hobbs		State: NM	Zip	: 88	240				Attn			Robbie Rui	nels	1											
Phone #: (57:	5) 264-9884	Fax #:							Add	ress	:			1											
Project #: 155	607	Project Owner	r:	Me	ewbo	ume			City:	:				1											
Project Name:	Red Hills West 21 Fed	Com 2H							State	e:		Zip:			(WS	18									
Project Location	n: Rural Lea County,	NM							Pho	ne #				F	301	802							- 1		
Sampler Name:	David Robinson							- 1	Fax					Chloride	TPH (8015M)	BTEX (8021B)				1					
FOR LAB USE ONLY			Т	П		MA	TRI)	_	-	_	ERV.	SAMPL	ING	1	1	F									
Lab I.D.	Sample I	.D.	G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER		UDGE	OTHER:	ACID/BASE:	OTHER:														
Haaauti		./	+ ~	-	8	147		장	5 5			DATE	TIME			-	-	-	-	+-	+-		-		_
-	EW Na2	*	С	1	-	X	-	\vdash	+)		6/22/22		X	Х	X	-	-	-	-	-		-		-
			╀	\vdash		+	+		+	+	+	_	-		-	-	-	+-	-	-	+	\vdash	-		-
			+	H		+	+	-	+	+	+-		-	-		-		-	-	+	-	+	-	-	
			+			+	+	\vdash	+	+	+					_				1	+		-		
			\vdash			+	+	T	+	+	T							1							
									1																
			1				T																		
nalyses. All claims includi ervice. In no event shall C	nd Damages. Cardinal's liability and clie ing those for negligence and any other ing those for negligence and any other ing out of or related to the performance y: Y:	cause whatsoever shall be quental damages, including	without ardina	d walvet fimility regard	ed unles ation, bu	s made oiness in whether sy:	in with derrupt r such	ing and dions, to claim is	es of us based	d by Ca se, or k upon a	nedinal was of pranty of the	Within 30 days with offs incurred by a above stated re	client, its subsidient easons or otherwi Phone Re Fax Resu	he applica ries, se. sult:	□ Ye	s 🗆	No No	Add'l	Phone Fax #:		en la	l. 7	0.	312	_
Delivered By	: (Circle One) 5-8	Time:	5°	-	C	ample cool	Inta	ct		CI	HECK (Init	ED BY:	Please e	email r	results	s and	сору	of Co(C to p	m@e	techer	nv.com		7	



August 16, 2022

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

RE: RED HILLS 21 FED COM 2H

Enclosed are the results of analyses for samples received by the laboratory on 08/10/22 17:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/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: 08/10/2022 Reported: 08/16/2022

08/16/2022 Sampling Type: RED HILLS 21 FED COM 2H Sampling Condition:

Project Number: 15507

Project Name:

Project Location: MEWBOURNE - RURAL JAL, NM

Sampling Date: 08/10/2022

Sample Received By:

Soil
** (See Notes)

Shalyn Rodriguez

Sample ID: SP 2 @ 10' (H223622-01)

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	08/13/2022	ND	1.77	88.7	2.00	0.864	
Toluene*	<0.050	0.050	08/13/2022	ND	1.88	93.8	2.00	1.35	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	1.80	89.8	2.00	2.09	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	5.50	91.7	6.00	3.26	
Total BTEX	<0.300	0.300	08/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	08/16/2022	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	08/13/2022	ND	189	94.4	200	3.24	
DRO >C10-C28*	<10.0	10.0	08/13/2022	ND	209	105	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	08/13/2022	ND					
Surrogate: 1-Chlorooctane	80.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	95.0	% 42.5-16	1						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 2 @ 11' (H223622-02)

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	08/13/2022	ND	1.77	88.7	2.00	0.864	
Toluene*	<0.050	0.050	08/13/2022	ND	1.88	93.8	2.00	1.35	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	1.80	89.8	2.00	2.09	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	5.50	91.7	6.00	3.26	
Total BTEX	<0.300	0.300	08/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	08/16/2022	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	08/13/2022	ND	189	94.4	200	3.24	
DRO >C10-C28*	<10.0	10.0	08/13/2022	ND	209	105	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	08/13/2022	ND					
Surrogate: 1-Chlorooctane	89.1	% 43-149	1						
Surrogate: 1-Chlorooctadecane	105 9	% 42.5-16	1						

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:

Received: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 2 @ 12' (H223622-03)

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	08/13/2022	ND	1.77	88.7	2.00	0.864	
<0.050	0.050	08/13/2022	ND	1.88	93.8	2.00	1.35	
<0.050	0.050	08/13/2022	ND	1.80	89.8	2.00	2.09	
<0.150	0.150	08/13/2022	ND	5.50	91.7	6.00	3.26	
<0.300	0.300	08/13/2022	ND					
104 9	% 69.9-14	0						
mg/	'kg	Analyze	d By: GM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
2160	16.0	08/16/2022	ND	432	108	400	0.00	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	08/13/2022	ND	189	94.4	200	3.24	
<10.0	10.0	08/13/2022	ND	209	105	200	1.90	
<10.0	10.0	08/13/2022	ND					
85.4	% 43-149							
101 9	% 42.5-16	1						
	<0.050 <0.050 <0.050 <0.150 <0.300 104 9 Result 2160 mg/ Result <10.0 <10.0 <85.4	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 104 % 69.9-14 mg/kg Result Reporting Limit 2160 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 <10.0 43-149	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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.

Celey D. Keine



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 08/10/2022 Sampling Date: 08/10/2022 Reported: 08/16/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 2 @ 13' (H223622-04)

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	08/13/2022	ND	1.77	88.7	2.00	0.864	
Toluene*	<0.050	0.050	08/13/2022	ND	1.88	93.8	2.00	1.35	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	1.80	89.8	2.00	2.09	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	5.50	91.7	6.00	3.26	
Total BTEX	<0.300	0.300	08/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	08/16/2022	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	08/13/2022	ND	189	94.4	200	3.24	
DRO >C10-C28*	73.2	10.0	08/13/2022	ND	209	105	200	1.90	
EXT DRO >C28-C36	64.0	10.0	08/13/2022	ND					
Surrogate: 1-Chlorooctane	86.1	% 43-149)						
Surrogate: 1-Chlorooctadecane	103	% 42.5-16	1						

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:

Received: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 3 @ 4' (H223622-05)

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	08/13/2022	ND	1.89	94.6	2.00	0.383	
Toluene*	<0.050	0.050	08/13/2022	ND	1.95	97.3	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	1.96	98.2	2.00	1.03	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.05	101	6.00	0.792	
Total BTEX	<0.300	0.300	08/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-140	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	08/16/2022	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	08/11/2022	ND	189	94.5	200	10.7	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	199	99.4	200	13.1	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	86.4	% 43-149							
Surrogate: 1-Chlorooctadecane	86.5	% 42.5-16.	1						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 3 @ 5' (H223622-06)

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	08/13/2022	ND	1.89	94.6	2.00	0.383	
Toluene*	<0.050	0.050	08/13/2022	ND	1.95	97.3	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	1.96	98.2	2.00	1.03	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.05	101	6.00	0.792	
Total BTEX	<0.300	0.300	08/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	08/16/2022	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	08/12/2022	ND	185	92.4	200	11.8	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	211	106	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					
Surrogate: 1-Chlorooctane	91.6	% 43-149							
Surrogate: 1-Chlorooctadecane	98.4	% 42.5-16	1						

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.

Celey D. Keene

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: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes) Project Number: Shalyn Rodriguez 15507 Sample Received By:

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 4 @ 4' (H223622-07)

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	08/13/2022	ND	1.89	94.6	2.00	0.383	
Toluene*	<0.050	0.050	08/13/2022	ND	1.95	97.3	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	1.96	98.2	2.00	1.03	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.05	101	6.00	0.792	
Total BTEX	<0.300	0.300	08/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	08/16/2022	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	08/12/2022	ND	185	92.4	200	11.8	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	211	106	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					
Surrogate: 1-Chlorooctane	91.5	% 43-149	1						
Surrogate: 1-Chlorooctadecane	95.6	% 42.5-16	1						

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:

Received: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 4 @ 5' (H223622-08)

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	08/13/2022	ND	1.89	94.6	2.00	0.383	
Toluene*	<0.050	0.050	08/13/2022	ND	1.95	97.3	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	1.96	98.2	2.00	1.03	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.05	101	6.00	0.792	
Total BTEX	<0.300	0.300	08/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	08/16/2022	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	08/12/2022	ND	185	92.4	200	11.8	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	211	106	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					
Surrogate: 1-Chlorooctane	95.4	% 43-149	1						
Surrogate: 1-Chlorooctadecane	99.8	% 42.5-16	1						

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.

Celey D. Keene

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: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes) Sample Received By: Project Number: 15507 Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 4 @ 6' (H223622-09)

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	08/13/2022	ND	1.89	94.6	2.00	0.383	
Toluene*	<0.050	0.050	08/13/2022	ND	1.95	97.3	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	1.96	98.2	2.00	1.03	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.05	101	6.00	0.792	
Total BTEX	<0.300	0.300	08/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/16/2022	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	08/12/2022	ND	185	92.4	200	11.8	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	211	106	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					
Surrogate: 1-Chlorooctane	92.0 9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	100 9	42.5-16	1						

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. Keine



Analytical Results For:

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

Fax To:

 Received:
 08/10/2022
 Sampling Date:
 08/10/2022

 Reported:
 08/16/2022
 Sampling Type:
 Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - RURAL JAL, NM

mg/kg

Sample ID: SP 4 @ 7' (H223622-10)

BTEX 8021B

DILX GOZID	ilig/	, kg	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2022	ND	1.89	94.6	2.00	0.383	
Toluene*	<0.050	0.050	08/13/2022	ND	1.95	97.3	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	1.96	98.2	2.00	1.03	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.05	101	6.00	0.792	
Total BTEX	<0.300	0.300	08/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/16/2022	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	08/12/2022	ND	185	92.4	200	11.8	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	211	106	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					
Surrogate: 1-Chlorooctane	90.5	% 43-149	1						
Surrogate: 1-Chlorooctadecane	97.8	% 42.5-16	1						

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.

Celey & Keene



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil
Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 1 @ 4' (H223622-11)

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	08/13/2022	ND	1.89	94.6	2.00	0.383	
Toluene*	<0.050	0.050	08/13/2022	ND	1.95	97.3	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	1.96	98.2	2.00	1.03	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.05	101	6.00	0.792	
Total BTEX	<0.300	0.300	08/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5080	16.0	08/16/2022	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	08/12/2022	ND	185	92.4	200	11.8	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	211	106	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					
Surrogate: 1-Chlorooctane	88.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	95.7	% 42.5-16	1						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

 Received:
 08/10/2022
 Sampling Date:
 08/10/2022

 Reported:
 08/16/2022
 Sampling Type:
 Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 1 @ 5' (H223622-12)

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	08/13/2022	ND	1.89	94.6	2.00	0.383	
Toluene*	<0.050	0.050	08/13/2022	ND	1.95	97.3	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	1.96	98.2	2.00	1.03	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.05	101	6.00	0.792	
Total BTEX	<0.300	0.300	08/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	08/16/2022	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	08/12/2022	ND	185	92.4	200	11.8	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	211	106	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					
Surrogate: 1-Chlorooctane	87.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	92.5	% 42.5-16	1						

Cardinal Laboratories

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.

Celey D. Kreine

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

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

Fax To:

Received: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 1 @ 6' (H223622-13)

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.150	Reporting Limit 0.050 0.050 0.050	Analyzed 08/13/2022 08/13/2022	Method Blank ND ND	BS 1.89	% Recovery 94.6	True Value QC	RPD	Qualifier
<0.050 <0.050	0.050			1.89	94.6	2.00		
<0.050		08/13/2022	ND			2.00	0.383	
	0.050		ND	1.95	97.3	2.00	0.647	
< 0.150	0.000	08/13/2022	ND	1.96	98.2	2.00	1.03	
	0.150	08/13/2022	ND	6.05	101	6.00	0.792	
<0.300	0.300	08/13/2022	ND					
116 9	% 69.9-140	9						
mg/	kg	Analyze	d By: GM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
1870	16.0	08/16/2022	ND	432	108	400	0.00	
mg/	kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	08/12/2022	ND	185	92.4	200	11.8	
<10.0	10.0	08/12/2022	ND	211	106	200	3.52	
<10.0	10.0	08/12/2022	ND					
93.8	% 43-149							
101 9	% 42.5-16.	I						
	<0.300 116 9 mg/ Result 1870 mg/ Result <10.0 <10.0 93.8 9	<0.300 116 % 69.9-140 mg/kg Result Reporting Limit 1870 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 43-149	<0.300 0.300 08/13/2022 116 % 69.9-140 mg/kg Analyzed 1870 16.0 08/16/2022 mg/kg Analyzed Result Reporting Limit Analyzed <10.0	<0.300 08/13/2022 ND 116 % 69.9-140 mg/ky Analyzed By: GM Result Reporting Limit Analyzed By: MS Result Reporting Limit Analyzed Method Blank <10.0	<0.300 08/13/2022 ND 116 % 69.9-140 mg/ky Analyzed By: GM Result Reporting Limit Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0	<0.300 08/13/2022 ND 116 % 69.9-140 mg/ky Analyzed By: GM Result Reporting Limit Analyzed By: MS % Recovery Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	< 0.300 08/13/2022 ND 116 % 69.9-140 mg/ky Analyzed By: GM Result Reporting Limit Analyzed By: MS % Recovery True Value QC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC < 10.0 08/12/2022 ND 185 92.4 200 < 10.0 08/12/2022 ND 211 106 200 93.8 % 43-149	< 0.300 08/13/2022 ND 116

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. Keene



Analytical Results For:

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

Fax To:

Received: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 1 @ 7' (H223622-14)

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	08/13/2022	ND	1.89	94.6	2.00	0.383	
Toluene*	<0.050	0.050	08/13/2022	ND	1.95	97.3	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	1.96	98.2	2.00	1.03	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.05	101	6.00	0.792	
Total BTEX	<0.300	0.300	08/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	08/16/2022	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	08/12/2022	ND	185	92.4	200	11.8	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	211	106	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					
Surrogate: 1-Chlorooctane	94.2 9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	101 9	42.5-16	1						

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. Keine



Shalyn Rodriguez

Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)

Project Number: 15507 Sample Received By:

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 2 @ 4' (H223622-15)

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	08/13/2022	ND	1.89	94.6	2.00	0.383	
Toluene*	<0.050	0.050	08/13/2022	ND	1.95	97.3	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	1.96	98.2	2.00	1.03	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.05	101	6.00	0.792	
Total BTEX	<0.300	0.300	08/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	08/16/2022	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	08/12/2022	ND	185	92.4	200	11.8	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	211	106	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					
Surrogate: 1-Chlorooctane	93.5	% 43-149	1						
Surrogate: 1-Chlorooctadecane	100	% 42.5-16	1						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 08/10/2022 Sampling Date: 08/10/2022 Reported: 08/16/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 2 @ 5' (H223622-16)

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	08/13/2022	ND	1.89	94.6	2.00	0.383	
Toluene*	<0.050	0.050	08/13/2022	ND	1.95	97.3	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	1.96	98.2	2.00	1.03	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.05	101	6.00	0.792	
Total BTEX	<0.300	0.300	08/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1710	16.0	08/16/2022	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	08/12/2022	ND	185	92.4	200	11.8	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	211	106	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					
Surrogate: 1-Chlorooctane	84.7	% 43-149							
Surrogate: 1-Chlorooctadecane	90.9	% 42.5-16	1						

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



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

Fax To:

 Received:
 08/10/2022
 Sampling Date:
 08/10/2022

 Reported:
 08/16/2022
 Sampling Type:
 Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 2 @ 6' (H223622-17)

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	08/13/2022	ND	1.89	94.6	2.00	0.383	
Toluene*	<0.050	0.050	08/13/2022	ND	1.95	97.3	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	1.96	98.2	2.00	1.03	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.05	101	6.00	0.792	
Total BTEX	<0.300	0.300	08/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1710	16.0	08/16/2022	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	08/12/2022	ND	185	92.4	200	11.8	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	211	106	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					
Surrogate: 1-Chlorooctane	89.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	95.2	% 42.5-16	1						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 2 @ 7' (H223622-18)

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	08/13/2022	ND	1.89	94.6	2.00	0.383	
Toluene*	<0.050	0.050	08/13/2022	ND	1.95	97.3	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	1.96	98.2	2.00	1.03	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.05	101	6.00	0.792	
Total BTEX	<0.300	0.300	08/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2210	16.0	08/16/2022	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	08/12/2022	ND	185	92.4	200	11.8	
DRO >C10-C28*	<10.0	10.0	08/12/2022	ND	211	106	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	08/12/2022	ND					
Surrogate: 1-Chlorooctane	86.79	% 43-149	1						
Surrogate: 1-Chlorooctadecane	92.7	% 42.5-16	1						

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. Keine



Analytical Results For:

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

Fax To:

Received: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 2 @ 8' (H223622-19)

RTFY 8021R

Result								
	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	08/13/2022	ND	1.89	94.6	2.00	0.383	
<0.050	0.050	08/13/2022	ND	1.95	97.3	2.00	0.647	
<0.050	0.050	08/13/2022	ND	1.96	98.2	2.00	1.03	
<0.150	0.150	08/13/2022	ND	6.05	101	6.00	0.792	
<0.300	0.300	08/13/2022	ND					
115 9	% 69.9-14	0						
mg,	/kg	Analyzed By: GM						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
3320	16.0	08/16/2022	ND	432	108	400	0.00	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	08/15/2022	ND	213	106	200	2.49	
<10.0	10.0	08/15/2022	ND	240	120	200	9.69	
<10.0	10.0	08/15/2022	ND					
83.1	% 43-149							
84.7	% 42.5-16	1						
	<0.050 <0.050 <0.050 <0.150 <0.300 1155 mg/ Result 3320 mg/ Company Compa	<0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 I15 % 69.9-14 mg/kg Result Reporting Limit 3320 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <33.1 % 43-149	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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.

Celey & Keene



Analytical Results For:

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

Fax To:

Received: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 2 @ 9' (H223622-20)

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	08/13/2022	ND	1.89	94.6	2.00	0.383	
Toluene*	<0.050	0.050	08/13/2022	ND	1.95	97.3	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	1.96	98.2	2.00	1.03	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.05	101	6.00	0.792	
Total BTEX	<0.300	0.300	08/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6240	16.0	08/16/2022	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	08/15/2022	ND	213	106	200	2.49	
DRO >C10-C28*	<10.0	10.0	08/15/2022	ND	240	120	200	9.69	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					
Surrogate: 1-Chlorooctane	76.5 9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	77.3 9	% 42.5-16	1						

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. Keine



Analytical Results For:

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

Fax To:

Received: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 7 @ 4' (H223622-21)

BTEX 8021B

DILX GOZID	mg/	ng .	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2022	ND	1.89	94.6	2.00	0.383	
Toluene*	<0.050	0.050	08/13/2022	ND	1.95	97.3	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	1.96	98.2	2.00	1.03	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.05	101	6.00	0.792	
Total BTEX	<0.300	0.300	08/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	08/16/2022	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	08/15/2022	ND	213	106	200	2.49	
DRO >C10-C28*	<10.0	10.0	08/15/2022	ND	240	120	200	9.69	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					
Surrogate: 1-Chlorooctane	80.2	% 43-149	1						
Surrogate: 1-Chlorooctadecane	82.3	% 42.5-16	1						

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.

Celey D. Keine



Analytical Results For:

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

Analyzed By: JH

08/10/2022 08/16/2022 Sampling Date:

08/10/2022

Reported: Project Name:

Sampling Type:

Soil ** (See Notes)

Received:

BTEX 8021B

RED HILLS 21 FED COM 2H

Sampling Condition: Sample Received By:

Shalyn Rodriguez

Project Number: 15507

Project Location:

MEWBOURNE - RURAL JAL, NM

Sample ID: SP 7 @ 5' (H223622-22)

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2022	ND	1.89	94.6	2.00	0.383	
Toluene*	<0.050	0.050	08/13/2022	ND	1.95	97.3	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	1.96	98.2	2.00	1.03	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.05	101	6.00	0.792	
Total BTEX	<0.300	0.300	08/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6720	16.0	08/16/2022	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	08/15/2022	ND	213	106	200	2.49	
DRO >C10-C28*	<10.0	10.0	08/15/2022	ND	240	120	200	9.69	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					
Surrogate: 1-Chlorooctane	90.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	92.4	% 42.5-16	1						

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:

Applyzod By: 14

Received: 08/10/2022 Reported: 08/16/2022 Sampling Date: 08/10/2022

Project Name:

08/16/2022 RED HILLS 21 FED COM 2H Sampling Type: Soil
Sampling Condition: ** (Se

** (See Notes)

Project Number:

RTFY 8021R

15507

Sample Received By:

Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 8 @ 4' (H223622-23)

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	08/13/2022	ND	1.89	94.6	2.00	0.383	
Toluene*	<0.050	0.050	08/13/2022	ND	1.95	97.3	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	1.96	98.2	2.00	1.03	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.05	101	6.00	0.792	
Total BTEX	<0.300	0.300	08/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	08/16/2022	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	08/15/2022	ND	213	106	200	2.49	
DRO >C10-C28*	<10.0	10.0	08/15/2022	ND	240	120	200	9.69	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					
Surrogate: 1-Chlorooctane	87.3	% 43-149	1						
Surrogate: 1-Chlorooctadecane	89.6	% 42.5-16	1						

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.

Celey D. Keene

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: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - RURAL JAL, NM

mg/kg

Sample ID: SP 8 @ 5' (H223622-24)

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	08/13/2022	ND	1.89	94.6	2.00	0.383	
Toluene*	<0.050	0.050	08/13/2022	ND	1.95	97.3	2.00	0.647	
Ethylbenzene*	<0.050	0.050	08/13/2022	ND	1.96	98.2	2.00	1.03	
Total Xylenes*	<0.150	0.150	08/13/2022	ND	6.05	101	6.00	0.792	
Total BTEX	<0.300	0.300	08/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	08/16/2022	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	08/15/2022	ND	213	106	200	2.49	
DRO >C10-C28*	<10.0	10.0	08/15/2022	ND	240	120	200	9.69	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					
Surrogate: 1-Chlorooctane	83.7	% 43-149	1						
Surrogate: 1-Chlorooctadecane	84.8	% 42.5-16	1						

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.

Celey D. Keine



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

Fax To:

 Received:
 08/10/2022
 Sampling Date:
 08/10/2022

 Reported:
 08/16/2022
 Sampling Type:
 Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)

Project Number: 15507
Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 8 @ 6' (H223622-25)

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	08/15/2022	ND	2.03	101	2.00	0.364	
Toluene*	<0.050	0.050	08/15/2022	ND	1.96	98.1	2.00	0.122	
Ethylbenzene*	<0.050	0.050	08/15/2022	ND	1.93	96.7	2.00	0.831	
Total Xylenes*	<0.150	0.150	08/15/2022	ND	6.00	100	6.00	1.75	
Total BTEX	<0.300	0.300	08/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	08/16/2022	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	08/13/2022	ND	214	107	200	1.67	
DRO >C10-C28*	<10.0	10.0	08/13/2022	ND	208	104	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	08/13/2022	ND					
Surrogate: 1-Chlorooctane	97.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	103	% 42.5-16	1						

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.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 08/10/2022 Sampling Date: 08/10/2022

Reported: 08/16/2022 Sampling Type: Soil
Project Name: RED HILLS 21 FED COM 2H Sampling Condition: ** (See Notes)

Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 8 @ 7' (H223622-26)

% Recovery 101 98.1 96.7	True Value QC 2.00 2.00	RPD 0.364 0.122	Qualifier
98.1	2.00		
		0.122	
96.7		J.122	
	2.00	0.831	
100	6.00	1.75	
% Recovery	True Value QC	RPD	Qualifier
108	400	0.00	
% Recovery	True Value QC	RPD	Qualifier
107	200	1.67	
104	200	1.80	
	% Recovery 108 % Recovery 107	% Recovery True Value QC 108 400 % Recovery True Value QC 107 200	% Recovery True Value QC RPD 108 400 0.00 % Recovery True Value QC RPD 107 200 1.67

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.

Celey 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. Keine

Released to Imaging: 6/17/2024 12:53:26 PM

(E

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Nam	e: Etech	Enviror	menta	& Safety Solu	tions	(0)	-01	010-	- 00		ex (o	20)		u m				-	ANALYSIS REQUEST
Project Manage	er: Lanc	e Cr	enshe	LW Salety Sold	uons					1	P.O.	#:	-	44.44					Allaction (Legozo)
Address: 261		-									Com	pan	v: 7	Newbox	rne	1			
City: Hobbs	1 11001	rvicina	i i d	State: NM	Zia	: 88	240)			Attn:	Ca	nne	Newbor	Ker	1			
Phone #: (575) 264-98	84		Fax #:		00	2-11				Addı			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1		_	
Project #:	/			Project Own	er:						City:		_			1	5	0	
Project Name:/	Zed Hill	15 2	1 F	ed com	2#						State			Zip:		e	(8015M)	(8021B)	
Project Locatio			-								Phor	ne #				1 😤	Ö	80	
Sampler Name:		Rios									Fax i					Chloride	8	×	
POR USE ONLY					T.			M	TRI	X	P	RES	ERV.	SAMPLI	NG	0	TPH	BTEX	
Lab I.D.		Sam			(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER;	ICE / COOL	OTHER:	DATE	TIME		-	œ.	
)	SP	2.	a	10 A		Y		×						8-10-22		4	X	X	
2	SP	2	6	11 Ft		1		1								1	1		
3	SP	2.	(A)	12 Ft		Ш		1	1		1	1							
4	SP	2.		13 Ft		Ш		1			1	1							
5	SP	<i>3. 3.</i>	(A)	4 5		Ш													
Q	SP	3.	A	SH															
7	SP	4.		4F1 5F1 4F1								1							
8	SP	4.	A	SFT					T										
9	SP	4.	A	6A				1	,					V		1	1	. 1	
(0	5P	4,	A	7Ft		V		V								V	V	V	
LEASE NOTE: LINNEY O	nd Demeges. Ca	ardinal's liabi	lity and clier	nt's enclusive remedy for	arry chi	m arieir	ig whe	ther base	ed in o	intract o	r tort, sh	nali be	limited (o the amount paid	by the client to	r the			

PLEACE SAFE: Limiting and Demnages. Cardinal's fability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whistsoever shall be deemed writing and received by Cardinal within 30 days after completion for 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 profile incurred by client, its subelidance 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 allows stated reasons or otherwise.

Relinquished By:	Date:	Received By:		Phone Result:	☐ Yes	2 No	Add'I Phone #:
Relinquished By:	Time: 700 Date:	Skalkiquel Received By:	M-	Fax Result: REMARKS: email resu	□ Yes	Z No	Add'i Fax #:
Delivered By: (Circle One) Sampter - UPS - Bus - Other:	() C.D. U?	Sample Condition Cool Intact Yes Yes	CHECKED BY:				

[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Released to Imaging: 6/17/2024 12:53:26 PM

(E)

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name	Etech Enviror	nmental & Safety Solu	tions								All	LL PE		1-7					ANA	LYSIS	S RE	QUE	ST		
Project Manage	r: Lance								P.O.	#:								T	T						
	7 West Maria								Com	par	ny: /	Mewh	WI	e	1										
City: Hobbs		State: NM	Zij	p: 88	3240				Attn	6	nne	Mewb	Kei	1											
Phone #: (575)	264-9884	Fax #:							Add								-								
Project #:		Project Own	er:						City							3	a	2							
Project Name: /	Red Hills	21 Fed Co	m	24					State	9 :		Zip:			9	5	0	1							
Project Location	n:								Pho	ne #	t:				Chloride	TPH (8015M)	(8021B	3							
Sampler Name:	Auton Kie	75							Fax	#:						8									
FOR LAB USE ONLY			T.	Г		M	TRU	(TP	RES	SERV.	SAME	LING		O	표	TEX	ì							
Lab I.D.		ple I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER:	ACIDIBASE	OTHER:	DATE	Т	TIME			a								
11	5P 10	@ 4 Ft		X		X						8-10-20	1		×	X	X								
12	SP 1.	@ 5 Ft		1		1				I		1			1										
13	SP 1.	@ 6 Ft	L	1		11			1																
14	SP 1.	@ 7 Ft				1	_		1	1															
15	SP 2.	@ 4 Ft	L			1			1																
16	SP 2.	@ 5 Ft															Ш								
	SP 2.	& CFT																							
18	<i>SP</i> 2	(A) 1 Ft																							
	SD 2.	A 8Ft				1						W			1	11/									
Oin	50 0	a gft		K/		V	/		-						W	U	W								

Relinquished By:	Date:	Received By:	Phone Result:	☐ Yes	2 No	Add'l Phone #:
1 2	8/10/37 Time:	Son dising a	Fax Result: REMARKS:	☐ Yes	2 No	Add'l Fax #:
Woren Mig	1000	Skearanne				
Relinquished By:	Date:	Received By:	email resu	ults		
	Time:					
Delivered By: (Circle One)	10-0.10	Sample Condition CHECKED BY:				
Sampler - UPS - Bus - Other:	1.2i #	Cool Intact (Initials)				

[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

RDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

Company Name	Etech Environmen	al & Safety Solu	utions								BIL	LID					ANALYSIS REQUEST
Project Manage	E. Lance Crens	haw						_	P.O. 1								
Address: 261	7 West Marland								Comp	pany	y: 7	Newbox	rne				
City: Hobbs		State: NM	Zij	o: 88	3240)			Attn:(Car	1110	Rualk	en				
Phone #: (575)	264-9884	Fax #:						1	Addn	088							
Project #:		Project Own	er:						City:						Σ	8	
roject Name: /	Red # 115 21	Fed Cor	n	2H					State	:		Zip:		e e	15	(8021B)	
Project Location	n:								hon	e#:				Chloride	8	8	
Sampler Name:	Aaron Rias								ax#	1				三	-	×	
FOR LAB USE ONLY						M	TRU	(PF	RESI	ERV.	SAMPLI	NG	10	TPH (8015M)	BTEX	
Lab I.D.	Sample	I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME			æ	
21	SP 7. @	4 Ft		X)						8-6-22		4	X	X	
22	5P 7. 0 SP 8. 0 SP 8. 0 SP 8. 0	5Ft															
23	SP 8. A.	4 Ft								1_							
24	5P 8. 4	5 Ft	-						1	1							
25	SP 8. A	6Ft				4	-		1	1	\sqcup			1			
24	5P 8. A	7Ft	-			+			1	1							
			+	-	\vdash	+	-	-	+	-	\vdash			1	,	1	
			-		\vdash	-	-		+	+	\vdash			1		1	
			-			+	+-		+	+				W	V	V	
1 5 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	nd Damages. Cardinal's Sability and						1			1							

affiliates or successors arising out of or related to the performance of services horsened to the performance of services have been detailed to the performance of the services have been detailed to the performance of the servi

Relinquished By:	Date: /	Received By:	Phone Result:	☐ Yes	☑ No	Add'l Phone #:
Anon Riej Relinquished By:	Time:	Sledligues Received By:	Fax Result: REMARKS: email resu	□ Yes	Ø No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other	() C-0.16	Sample Condition CHECKED BY: Cool Intact Yes Yes No No				

Released to Imaging: 6/17/2024 12:53:26 PM

[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



September 02, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS 21 FED COM 2H

Enclosed are the results of analyses for samples received by the laboratory on 09/02/22 11:10.

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

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: 09/02/2022 Sampling Date: 09/01/2022 Sampling Type: Soil

Reported: Project Name: 09/02/2022 RED HILLS 21 FED COM 2H

Sampling Condition: Cool & Intact

Project Number: NONE GIVEN

Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 6 @ 4' (H224040-01)

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	09/02/2022	ND	1.84	92.1	2.00	5.60	
Toluene*	<0.050	0.050	09/02/2022	ND	1.81	90.6	2.00	7.10	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.5	2.00	8.10	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.53	92.2	6.00	8.44	
Total BTEX	<0.300	0.300	09/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/02/2022	ND	432	108	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	09/02/2022	ND	192	96.2	200	1.21	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	188	93.8	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					
Surrogate: 1-Chlorooctane	89.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.1	% 46.3-17	8						

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:

Received: 09/02/2022 Reported: 09/02/2022 Sampling Date: 09/01/2022

Project Name: RED HILLS 21 FED COM 2H Sampling Type: Soil

Project Number: NONE GIVEN Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: SP 6 @ 6' (H224040-02)

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	09/02/2022	ND	1.84	92.1	2.00	5.60	
Toluene*	<0.050	0.050	09/02/2022	ND	1.81	90.6	2.00	7.10	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.5	2.00	8.10	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.53	92.2	6.00	8.44	
Total BTEX	<0.300	0.300	09/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	432	108	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	09/02/2022	ND	192	96.2	200	1.21	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	188	93.8	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					
Surrogate: 1-Chlorooctane	76.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.8	% 46.3-17	8						

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. 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. Keene

Page 5 of 5

(E)

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name	Etech Environmental & Safety Solu	tions,	Inc.				2	B	ILL TO	33.31					ANAL	YSIS	RE	QUE	ST			
Project Manager	: Lonce Crenghan					1	2.0.	#:														
Address: 261	7 W Marland					0	omp	pany	Respon	IN												
City: Hobbs	State: NM	Zip:	882	40					s walk									1				
Phone #: (575	i) 264-9884						ddr														- 1	
Project #:	Project Owne	r:				C	city:				1		_									
Project Name:	Red Hills 21 Gd Com 2					S	tate	:	Zip:			2W)	218									
Project Location	1:					F	hon	e #:			Chloride	FPH (8015M)	BTEX (8021B)									
Sampler Name:	Cance Camphan					F	ax#	t:			등	Ĭ	E									
FOR LAB USE ONLY					MATR	IX	PF	RESER	V. SAMPI	LING		F	B									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	ACID/BASE:	ICE / COOL	DATE	TIME												
1	SP 60.4'	Ğ	1		X		1	K	9.1		又	X	1									
2	50606	6	7		X			X	9-1		×	K	×									
							1	11														
		\perp					1		-													
		\perp	_			1	1	11			-	_	-					-		-		
		+	\dashv	-		-	+	++	-	-	-	-	-	-								
		+	\dashv	-	-	++	+	++		-	-		-	-			-	-	-		-	
PLEASE NOTE: Liability on	d Demages. Cardinal's liability and client's exclusive remedy for	any claim	arising	whether b	pased in c	contract or	tort, she	all be limit	ed to the amount p	aid by the client fo	or the	_										
analyses. All claims including service. In no event shall Co	ng those for negligence and any other cause whatsoever shall burdinal be liable for incidental or consequental damages, includi											blo										
affiliates or successors arisin Relinquished By	g out of or related to the performance of services hereunder by	Rec	regard	ed By:	1	,				Phone Re Fax Resu	esult: ult:	□ Y		□ No	Add'l I			,				
Relinquished By	Time:	-		ed By:		onditio		P. CHE	CKED BY:	Please	email ı	result	s and	d copy of	Aw	to pr	DA m@e	techer	nv.com	n.		
Sampler - UPS	(Circle One) 3.4° C-O.1	ei 112			l Int	tact	"		nitials)													

FORM-006 Revision 1.0

Received by OCD: 6/7/2024 3:44:33 PM



October 17, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS WEST 21 FED COM 2H

Enclosed are the results of analyses for samples received by the laboratory on 10/11/22 15:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/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: 10/11/2022

Sampling Date:

10/10/2022

Reported:

10/17/2022

Sampling Type:

Soil

Project Name:

RED HILLS WEST 21 FED COM 2H

Sampling Condition:

Cool & Intact

Project Number:

15507

Sample Received By:

Tamara Oldaker

Project Location:

MEWBOURNE - JAL, NM

Sample ID: PF 1 @ 4' (H224778-01)

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	10/14/2022	ND	2.06	103	2.00	1.95	
Toluene*	<0.050	0.050	10/14/2022	ND	2.16	108	2.00	0.592	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.7	2.00	0.962	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	5.99	99.8	6.00	0.573	
Total BTEX	<0.300	0.300	10/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1460	16.0	10/13/2022	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	10/13/2022	ND	197	98.4	200	0.879	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	200	99.9	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	102 5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	119 9	² / ₆ 46.3-17	8						

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. Keine



Analytical Results For:

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

Fax To:

Received: 10/11/2022 Sampling Date: 10/10/2022

Reported: Sampling Type: Soil 10/17/2022

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact Project Number: Sample Received By: 15507 Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 2 @ 4' (H224778-02)

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	10/14/2022	ND	2.06	103	2.00	1.95	
Toluene*	<0.050	0.050	10/14/2022	ND	2.16	108	2.00	0.592	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.7	2.00	0.962	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	5.99	99.8	6.00	0.573	
Total BTEX	<0.300	0.300	10/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	10/13/2022	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	10/13/2022	ND	197	98.4	200	0.879	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	200	99.9	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	93.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110	% 46.3-17	8						

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. Keine



Analytical Results For:

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

Fax To:

Received: 10/11/2022 Sampling Date: 10/10/2022

Reported: 10/17/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 3 @ 4' (H224778-03)

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	10/14/2022	ND	2.06	103	2.00	1.95	
Toluene*	<0.050	0.050	10/14/2022	ND	2.16	108	2.00	0.592	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.7	2.00	0.962	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	5.99	99.8	6.00	0.573	
Total BTEX	<0.300	0.300	10/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	10/13/2022	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	10/13/2022	ND	197	98.4	200	0.879	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	200	99.9	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	90.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 46.3-17	8						

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.

Celey D. Keene



Tamara Oldaker

Analytical Results For:

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

Fax To:

Received: 10/11/2022 Sampling Date: 10/10/2022

Reported: 10/17/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition:
Project Number: 15507 Sample Received By:

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 4 @ 4' (H224778-04)

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	10/14/2022	ND	2.06	103	2.00	1.95	
Toluene*	<0.050	0.050	10/14/2022	ND	2.16	108	2.00	0.592	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.7	2.00	0.962	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	5.99	99.8	6.00	0.573	
Total BTEX	<0.300	0.300	10/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-140)						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	10/13/2022	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	10/13/2022	ND	197	98.4	200	0.879	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	200	99.9	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	98.8	% 45.3-16.	1						
Surrogate: 1-Chlorooctadecane	116	% 46.3-178	R						

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.

Celey D. Keine



Sample Received By:

10/10/2022

Tamara Oldaker

Analytical Results For:

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

Fax To:

Received: 10/11/2022 Sampling Date:

Reported: 10/17/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 5 @ 4' (H224778-05)

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	10/14/2022	ND	2.06	103	2.00	1.95	
Toluene*	<0.050	0.050	10/14/2022	ND	2.16	108	2.00	0.592	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.7	2.00	0.962	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	5.99	99.8	6.00	0.573	
Total BTEX	<0.300	0.300	10/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	10/13/2022	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	10/13/2022	ND	197	98.4	200	0.879	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	200	99.9	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	92.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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.

Celey D. Keine



Analytical Results For:

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

Received: 10/11/2022 Reported:

Sampling Type: 10/17/2022 RED HILLS WEST 21 FED COM 2H

Project Name: Project Number: 15507

Project Location: MEWBOURNE - JAL, NM Sampling Date: 10/10/2022

Soil

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

Sample ID: PF 6 @ 4' (H224778-06)

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	10/14/2022	ND	2.06	103	2.00	1.95	
Toluene*	<0.050	0.050	10/14/2022	ND	2.16	108	2.00	0.592	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.7	2.00	0.962	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	5.99	99.8	6.00	0.573	
Total BTEX	<0.300	0.300	10/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	10/13/2022	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	10/13/2022	ND	197	98.4	200	0.879	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	200	99.9	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	87.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 9	46.3-17	8						

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:

Received: 10/11/2022 Sampling Date: 10/10/2022

Reported: Sampling Type: Soil 10/17/2022

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 7 @ 4' (H224778-07)

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	10/14/2022	ND	2.06	103	2.00	1.95	
Toluene*	<0.050	0.050	10/14/2022	ND	2.16	108	2.00	0.592	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.7	2.00	0.962	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	5.99	99.8	6.00	0.573	
Total BTEX	<0.300	0.300	10/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	10/13/2022	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	10/13/2022	ND	197	98.4	200	0.879	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	200	99.9	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	95.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 %	6 46.3-17	8						

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. Keine



Analytical Results For:

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

Fax To:

Received: 10/11/2022 Sampling Date: 10/10/2022

Reported: Sampling Type: Soil 10/17/2022 Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact

Project Number: Sample Received By: 15507 Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 8 @ 4' (H224778-08)

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	10/14/2022	ND	2.06	103	2.00	1.95	
Toluene*	<0.050	0.050	10/14/2022	ND	2.16	108	2.00	0.592	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.7	2.00	0.962	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	5.99	99.8	6.00	0.573	
Total BTEX	<0.300	0.300	10/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/13/2022	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	10/13/2022	ND	205	103	200	1.56	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	215	107	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	83.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.9	% 46.3-17	8						

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. Keine



Analytical Results For:

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

Fax To:

Received: 10/11/2022 Sampling Date: 10/10/2022

Reported: 10/17/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 9 @ 4' (H224778-09)

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	10/14/2022	ND	2.06	103	2.00	1.95	
Toluene*	<0.050	0.050	10/14/2022	ND	2.16	108	2.00	0.592	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.7	2.00	0.962	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	5.99	99.8	6.00	0.573	
Total BTEX	<0.300	0.300	10/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	10/13/2022	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	10/13/2022	ND	205	103	200	1.56	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	215	107	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	88.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.8	% 46.3-17	8						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 10/11/2022 Sampling Date: 10/10/2022

Reported: 10/17/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 10 @ 4' (H224778-10)

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	10/14/2022	ND	2.06	103	2.00	1.95	
Toluene*	<0.050	0.050	10/14/2022	ND	2.16	108	2.00	0.592	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.7	2.00	0.962	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	5.99	99.8	6.00	0.573	
Total BTEX	<0.300	0.300	10/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/13/2022	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	10/13/2022	ND	205	103	200	1.56	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	215	107	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	94.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.0	% 46.3-17	8						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 10/11/2022 Reported: 10/17/2022

RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sampling Date: 10/10/2022

Sampling Type: Soil

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

Sample ID: PNW 2 (H224778-11)

Project Name:

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	10/14/2022	ND	2.06	103	2.00	1.95	
Toluene*	<0.050	0.050	10/14/2022	ND	2.16	108	2.00	0.592	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.7	2.00	0.962	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	5.99	99.8	6.00	0.573	
Total BTEX	<0.300	0.300	10/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/13/2022	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	10/13/2022	ND	205	103	200	1.56	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	215	107	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	96.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.3	% 46.3-17	8						

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.

Celey D. Keene



Tamara Oldaker

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 10/11/2022 Sampling Date: 10/10/2022

Reported: 10/17/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: PEW 1 (H224778-12)

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	10/14/2022	ND	2.06	103	2.00	3.43	
Toluene*	<0.050	0.050	10/14/2022	ND	2.02	101	2.00	3.40	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.5	2.00	3.82	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.04	101	6.00	4.93	
Total BTEX	<0.300	0.300	10/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/13/2022	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	10/13/2022	ND	205	103	200	1.56	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	215	107	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	89.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.1	% 46.3-17	8						

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. Keine



Analytical Results For:

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

Received: 10/11/2022 Reported: 10/17/2022 Sampling Date: 10/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact

Project Number: 15507

Tamara Oldaker Sample Received By:

Project Location: MEWBOURNE - JAL, NM

Sample ID: PEW 2 (H224778-13)

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	10/14/2022	ND	2.06	103	2.00	3.43	
Toluene*	<0.050	0.050	10/14/2022	ND	2.02	101	2.00	3.40	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.5	2.00	3.82	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.04	101	6.00	4.93	
Total BTEX	<0.300	0.300	10/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/13/2022	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	10/13/2022	ND	205	103	200	1.56	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	215	107	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	96.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.0	% 46.3-17	8						

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:

Received: 10/11/2022 Sampling Date: 10/10/2022

Reported: Sampling Type: Soil 10/17/2022

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 15507 Sample Received By:

Project Location: MEWBOURNE - JAL, NM

Sample ID: PSW 1 (H224778-14)

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	10/14/2022	ND	2.06	103	2.00	3.43	
Toluene*	<0.050	0.050	10/14/2022	ND	2.02	101	2.00	3.40	
Ethylbenzene*	<0.050	0.050	10/14/2022	ND	1.99	99.5	2.00	3.82	
Total Xylenes*	<0.150	0.150	10/14/2022	ND	6.04	101	6.00	4.93	
Total BTEX	<0.300	0.300	10/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	10/13/2022	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	10/13/2022	ND	205	103	200	1.56	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	215	107	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					
Surrogate: 1-Chlorooctane	95.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.5	% 46.3-17	8						

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



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 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

ARDINAL LABORATORIES 101 East Mariand, Hobbs, NM, 8824

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	(575) 393-2326 FAX (575) 393-2 Etech Environmental & Safety Solu		. Inc	2.					888	RI	LL TO	2.55		_	_	_	ΔΝΔ	VSI	SR	EQUE	ST	Page 1	01 2	_
	r: Lance Crenshaw		-			_		P.O). #:						T	Т	T		T	T	T			
Address: 261									mpai	9V	Mewbo	1000	1			1			1					
City: Hobbs	State: NM	Zip	: 88	240			\exists	Attr	•	ıy	Connor Wa													
	5) 264-9884 Fax #:				_		-		dress		Cornior vva	IINGI	1											
Project #: 155		-	Me	wh	ourne					5.			1						1					
	Red Hills West 21 Fed Com 2H		1010	-			-	City			I			S S	â							1		
	n: Rural Lea County, NM						-	Sta		-	Zip:		Chloride	TPH (8015M)	BTEX (8021B)				1					
			_				-	_	one i	k:			9	80	8									
FOR LAB USE ONLY	Matthew Grieco	_	-	_	0.0	TO	اب	Fax	_	SERV.	SAMPLI	110	0	표	E				1	1				
FOR LAB USE ONLY		(C)OMP.	RS	TER		ATRI			PRE	SERV.	SAMPL	NG												
Lab I.D. H224778	Sample I.D.	(G)RAB OR ((# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER :	ACID/BASE:	OTHER:	DATE	TIME												
1	PF1 @ 4'	C	-)	$\overline{}$		Ť		X	10/10/22		Х	Х	Х									
2	PF2 @ 4'	C	1)				1	X	10/10/22		X	Х	Х									
3	PF3 @ 4'	C	1)					X	10/10/22		X	X	X									
4	PF4 @ 4'	С	1)					X	10/10/22		Х	X	Х									
5	PF5 @ 4'	С	1)					X	10/10/22		Х	Х	Х									
6	PF6 @ 4'	С	1)				1	X	10/10/22		Х	Х	X									
7	PF7 @ 4'	C	1)	(X	10/10/22		X	Х	X					1				
8	PF8 @ 4'	C	1)					X	10/10/22		X	Х	Х									
9	PF9 @ 4'	С	1)					X	10/10/22		X	Х	X									
	PF10 @ 4'	С	1)					X	10/10/22		X	X	X									
4 7 8 9 10 PLEASE NOTE: Liability a analyses. All claims includ	PF6 @ 4' PF7 @ 4' PF8 @ 4' PF10 @ 4' PF10 @ 4' PF10 @ 4' PF10 @ 5'	C C C C	1 1 1 1 1 m arisi	ed unle ation, b))) ther bases made uninees	((() () () () () () () () ()	ing and tions, k	receiv	shall be	X X X X X X X X X X X X X X X X X X X	10/10/22 10/10/22 10/10/22 10/10/22 10/10/22 10 the amount painthin 30 days after	r completion of t stent, its subsidia	X X X X X r the	X X X X	X X X									
Relinquished B	ing out of or related to the performance of services hereunder by: Date: 10-11-22 Time: 522 Date:	Re	il, rega		By:								sult:	□ Ye		No No	Add'l Add'l							
	: (Circle One) - Bus - Other: - 10.0 c/-/6		113	3	Sample Cool	inta	Yes		C	(Init	(ED BY:	Please e	email r	esult	s and	сору	of Co	C to p	m@e	eteche	nv.con	n.		

FORM-006 Revision 1.0

Received by OCD: 6/7/2024 3:44:33 PM

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Company Name	(575) 393-2326 FA		_	inc					33	E	311	LTO		-				ANA	LYSIS	S RE	QUE		Page 2 o	
Project Manage	r: Lance Crenshaw							P	0.#															
Address: 261	7 West Marland							c	omp	anv		Mewbou	ime											
City: Hobbs		State: NM	Zip:	88	240				ttn:		(Connor Wa												
Phone #: (57	5) 264-9884	Fax #:		_					ddre	55.		3011101 1101												
Project #: 155		Project Owner		Me	wbo	urne			ity:		_									1				
	Red Hills West 21 Fed C		_			_		-	tate:		+	Zip:			Î	18)								
	n: Rural Lea County, N			_		_			hone	#-	•	Lip.		Ë	016	(8021B)								
	Matthew Grieco						_	_	ax #:					Chloride	TPH (8015M)	×								
FOR LAB USE ONLY						MA	TRIX	-	_	ESER	₹V.	SAMPLI	NG	0	F	ВТЕХ		1						
Lab I.D.	Sample I.I	D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME											
11	PNW2		C	1		X			T	X		10/10/22		Х	Х	X								
12	PEW1		C	1		X				X		10/10/22		Х	X	Х								
13	PEW2		C	1		X				X		10/10/22		Х	Х	Х								
14	PSW1		C	1		X				X		10/10/22		Х	X	X								-
						1		1	1		1						-							-
					1	-	1	+	1		4				-	_	-	-	-	-	-		_	+
			_	L	1	-	1	+	1	-	4			-	-	-	-	-	-	-			-	+
			_	L	\vdash	+		+	+		+				-	-	-	-	-	-	-		-	-
					\vdash	+		+	-	\vdash	+			-	-		-	-	-	-			-	+
nalyses. All claims includervice. In no event shall of filliates or successors are Relinquished B. Relinquished B. Delivered By	Uno	pure whether over shall be depended an agent and agent agent and agent agent and agent agen	Re	d waiv at limit I, rega ICCEI	ed unless of red E	s made siness is whether By:	in welling dorruptio	and rens, lose aim is b	of use, seed up	y Cardin or loss on any	cCKI	hin 30 days after the incurred by a shows stated re-	r completion of t	ne applica nee, ne. esult: tt: S:	□ Ye	es 🗆	No No	Add'l	Phone Fax #:		techer	nv.com		

FORM-006 Revision 1.0

Received by OCD: 6/7/2024 3:44:33 PM

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



October 19, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS WEST 21 FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 10/14/22 15:48.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/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: 10/14/2022 Sampling Date: 10/14/2022

Reported: 10/19/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 1H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Applyand By 14

Project Location: MEWBOURNE - JAL, NM

Sample ID: PNW 3 (H224858-01)

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	10/18/2022	ND	2.17	108	2.00	0.818	
Toluene*	<0.050	0.050	10/18/2022	ND	2.05	103	2.00	0.488	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	1.96	97.8	2.00	0.834	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	5.91	98.6	6.00	0.968	
Total BTEX	<0.300	0.300	10/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/18/2022	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	10/18/2022	ND	197	98.7	200	2.71	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	196	98.2	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	129	% 46.3-17	8						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 10/14/2022 Sampling Date: 10/14/2022 Reported: Sampling Type: Soil 10/19/2022

Project Name: RED HILLS WEST 21 FED COM 1H Sampling Condition: Cool & Intact

Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PWW 1 (H224858-02)

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	10/18/2022	ND	2.17	108	2.00	0.818	
Toluene*	<0.050	0.050	10/18/2022	ND	2.05	103	2.00	0.488	
Ethylbenzene*	< 0.050	0.050	10/18/2022	ND	1.96	97.8	2.00	0.834	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	5.91	98.6	6.00	0.968	
Total BTEX	<0.300	0.300	10/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.4 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/18/2022	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	10/18/2022	ND	197	98.7	200	2.71	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	196	98.2	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					
Surrogate: 1-Chlorooctane	108 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	123 %	6 46.3-17	8						

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:

Received: 10/14/2022 Sampling Date: 10/14/2022 Reported: Sampling Type: Soil 10/19/2022

Project Name: RED HILLS WEST 21 FED COM 1H Sampling Condition: Cool & Intact

Project Number: Sample Received By: Tamara Oldaker 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: PWW 2 (H224858-03)

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	10/18/2022	ND	2.17	108	2.00	0.818	
Toluene*	<0.050	0.050	10/18/2022	ND	2.05	103	2.00	0.488	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	1.96	97.8	2.00	0.834	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	5.91	98.6	6.00	0.968	
Total BTEX	<0.300	0.300	10/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/18/2022	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	10/18/2022	ND	197	98.7	200	2.71	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	196	98.2	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					
Surrogate: 1-Chlorooctane	109 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	127 9	6 46.3-17	8						

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



Tamara Oldaker

Analytical Results For:

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

Fax To:

Received: 10/14/2022 Sampling Date: 10/14/2022

Reported: 10/19/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 1H Sampling Condition: Cool & Intact

Project Number: 15507 Sample Received By:

Project Location: MEWBOURNE - JAL, NM

Sample ID: PWW 3 (H224858-04)

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	10/18/2022	ND	2.17	108	2.00	0.818	
Toluene*	<0.050	0.050	10/18/2022	ND	2.05	103	2.00	0.488	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	1.96	97.8	2.00	0.834	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	5.91	98.6	6.00	0.968	
Total BTEX	<0.300	0.300	10/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	10/18/2022	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	10/18/2022	ND	197	98.7	200	2.71	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	196	98.2	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					
Surrogate: 1-Chlorooctane	111	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	130	% 46.3-17	8						

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.

Celey D. Keine



Analytical Results For:

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

 Received:
 10/14/2022
 Sampling Date:
 10/14/2022

 Reported:
 10/19/2022
 Sampling Type:
 Soil

Project Name: RED HILLS WEST 21 FED COM 1H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - JAL, NM

mg/kg

Sample ID: PEW 3 (H224858-05)

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	10/18/2022	ND	2.17	108	2.00	0.818	
Toluene*	<0.050	0.050	10/18/2022	ND	2.05	103	2.00	0.488	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	1.96	97.8	2.00	0.834	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	5.91	98.6	6.00	0.968	
Total BTEX	<0.300	0.300	10/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	10/18/2022	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	10/18/2022	ND	197	98.7	200	2.71	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	196	98.2	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					
Surrogate: 1-Chlorooctane	112	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	131	% 46.3-17	8						

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. Keene



Analytical Results For:

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

Analyzed By: JH

Fax To:

Received: 10/14/2022 Sampling Date: 10/14/2022

Reported: 10/19/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 1H Sampling Condition: Cool & Intact

Project Name: RED HILLS WEST 21 FED COM 1H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

mg/kg

Sample ID: PEW 4 (H224858-06)

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	10/18/2022	ND	2.17	108	2.00	0.818	
Toluene*	<0.050	0.050	10/18/2022	ND	2.05	103	2.00	0.488	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	1.96	97.8	2.00	0.834	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	5.91	98.6	6.00	0.968	
Total BTEX	<0.300	0.300	10/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	10/18/2022	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	10/18/2022	ND	197	98.7	200	2.71	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	196	98.2	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					
Surrogate: 1-Chlorooctane	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	122	% 46.3-17	8						

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.

Celey D. Keine



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.

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 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

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 Routine

Company Name: Etech Environmental & Safety Solution	s, Inc.	BILL TO			ANALYSIS REQU	JEST
Project Manager: Lance Crenshaw		P.O. #:				
Address: 2617 W Marland		Company Me wbou	rae			
City: Hobbs State: NM Zi	o: 88240	Attn: Conner Wal	ker			
Phone #: (575) 264-9884 Fax #:		Attn: Conner Wal Address: 4801 Busines	SikKIN			
Project #: 15507 Project Owner:	1embaurge	city: Hobb				
Project *: 5 5 0 7 Project Owner: A Project Name: Red Hills West 21 Fed Co	m IH	State: NM Zip: 882	40 0	BTEX (8021B)		
Project Location:	70. 731	Phone #:	Chloride	TEX (8021B		
Sampler Name: Eric Mojica	1	Fax #:	- š	E X		
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	G	F B		
Lab I.D. Sample I.D.	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	OTHER: ACID/BASE: ICE / COOL OTHER:	TIME			
IPNW3		1 10.14.22	V .	/ /		
ZPWWI		1	1.	11		
3 PW W2	1 1	1	/	11		
4 PWW3		1	1	/ /		
SPEW3		1	V ,	11		
6 PEW4 C	1 1	1	/ ,	/ /		
	ed waived unless made in writing ar	nd received by Condinal within 30 days after o	emplotion of the applicable			
service. In no event utell Cardinat be liable for incidental or consequental damages, including with affiliates or successors arising out of or related to the performance of services hereunder by Cardin	al, regardless of whether such claim	is based upon any of the above staind reaso	ons or otherwise.			
Relinquished By: Date: 10-14-22 R	eceived By:			Yes No	Add'l Phone #: Add'l Fax #:	
Ci Mor Time: 48	1/11/11/11/11		REMARKS:			
	eceived By:	u addy in				
Time:						
	(4.2)		lease email res	ults and copy	of CoC to pm@etecl	nenv.com.
Delivered By: (Circle One)	Sample Condition Cool Intact	tion CHECKED BY: (Initials)	,			
Sampler - UPS - Bus - Other: 5,9 c/5.3c	Cool Intact Yes Yes No No N	s VO				
	160					

FORM-006 Revision 1.0

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



October 31, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS 21 FED COM 2H

Enclosed are the results of analyses for samples received by the laboratory on 10/21/22 15:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/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:
 10/21/2022
 Sampling Date:
 10/21/2022

 Reported:
 10/31/2022
 Sampling Type:
 Soil

Reported: 10/31/2022 Sampling Type: Soil
Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact

Project Number: 15507 Sample Received By: Tamara Oldaker

Applyand By 14

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 11 @ 4' (H224971-01)

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	10/29/2022	ND	1.98	99.0	2.00	1.55	
Toluene*	<0.050	0.050	10/29/2022	ND	2.14	107	2.00	1.43	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.00	100	2.00	1.05	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.05	101	6.00	1.13	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/27/2022	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	10/27/2022	ND	208	104	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	211	105	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	91.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.7	% 46.3-17	8						

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.

Celey D. Keine



Analytical Results For:

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

Analyzed By: JH

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL JAL, NM

mg/kg

Sample ID: PF 12 @ 4' (H224971-02)

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	10/29/2022	ND	1.98	99.0	2.00	1.55	
Toluene*	<0.050	0.050	10/29/2022	ND	2.14	107	2.00	1.43	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.00	100	2.00	1.05	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.05	101	6.00	1.13	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	10/27/2022	ND	400	100	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	10/27/2022	ND	208	104	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	211	105	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	89.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.7	% 46.3-17	8						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - RURAL JAL, NM

mg/kg

Sample ID: PF 13 @ 4' (H224971-03)

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	10/29/2022	ND	1.98	99.0	2.00	1.55	
Toluene*	<0.050	0.050	10/29/2022	ND	2.14	107	2.00	1.43	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.00	100	2.00	1.05	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.05	101	6.00	1.13	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	10/27/2022	ND	400	100	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	10/27/2022	ND	208	104	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	211	105	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	95.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.6	% 46.3-17	8						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: Sampling Type: Soil 10/31/2022

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact Sample Received By: Project Number: 15507 Tamara Oldaker

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 14 @ 4' (H224971-04)

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	10/29/2022	ND	1.98	99.0	2.00	1.55	
Toluene*	<0.050	0.050	10/29/2022	ND	2.14	107	2.00	1.43	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.00	100	2.00	1.05	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.05	101	6.00	1.13	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1240	16.0	10/27/2022	ND	400	100	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	10/27/2022	ND	208	104	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	211	105	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	92.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.0	% 46.3-17	8						

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. Keine



Tamara Oldaker

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: 10/31/2022 Sampling Type: Soil
Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact

Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 15 @ 4' (H224971-05)

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	10/29/2022	ND	1.98	99.0	2.00	1.55	
Toluene*	<0.050	0.050	10/29/2022	ND	2.14	107	2.00	1.43	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.00	100	2.00	1.05	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.05	101	6.00	1.13	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	10/27/2022	ND	400	100	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	10/27/2022	ND	208	104	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	211	105	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	93.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.2	% 46.3-17	8						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - RURAL JAL, NM

mg/kg

Sample ID: PF 16 @ 4' (H224971-06)

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	10/29/2022	ND	1.98	99.0	2.00	1.55	
Toluene*	<0.050	0.050	10/29/2022	ND	2.14	107	2.00	1.43	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.00	100	2.00	1.05	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.05	101	6.00	1.13	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	10/27/2022	ND	400	100	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	10/27/2022	ND	208	104	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	211	105	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	95.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.8	% 46.3-17	8						

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. Frene



Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - RURAL JAL, NM

mg/kg

Sample ID: PF 17 @ 4' (H224971-07)

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	10/29/2022	ND	1.98	99.0	2.00	1.55	
Toluene*	<0.050	0.050	10/29/2022	ND	2.14	107	2.00	1.43	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.00	100	2.00	1.05	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.05	101	6.00	1.13	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	10/27/2022	ND	400	100	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	10/27/2022	ND	208	104	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	211	105	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	98.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.3	% 46.3-17	8						

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. Keine



Tamara Oldaker

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: 10/31/2022 Sampling Type: Soil
Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact

Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 18 @ 4' (H224971-08)

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	10/29/2022	ND	1.98	99.0	2.00	1.55	
Toluene*	<0.050	0.050	10/29/2022	ND	2.14	107	2.00	1.43	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.00	100	2.00	1.05	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.05	101	6.00	1.13	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	10/27/2022	ND	400	100	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	10/27/2022	ND	208	104	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	211	105	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	93.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.3	% 46.3-17	8						

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.

Celey D. Kreine



Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 19 @ 4' (H224971-09)

RTFY 8021R

B1EX 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	10/29/2022	ND	1.98	99.0	2.00	1.55	
Toluene*	<0.050	0.050	10/29/2022	ND	2.14	107	2.00	1.43	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.00	100	2.00	1.05	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.05	101	6.00	1.13	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	10/27/2022	ND	400	100	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	10/27/2022	ND	208	104	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	211	105	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	78.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	75.4	% 46.3-17	8						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - RURAL JAL, NM

mg/kg

Sample ID: PF 20 @ 4' (H224971-10)

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	10/29/2022	ND	1.98	99.0	2.00	1.55	
Toluene*	<0.050	0.050	10/29/2022	ND	2.14	107	2.00	1.43	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.00	100	2.00	1.05	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.05	101	6.00	1.13	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	10/27/2022	ND	400	100	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	10/27/2022	ND	208	104	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	211	105	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	83.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.3	% 46.3-17	8						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: Sampling Type: Soil 10/31/2022 Cool & Intact

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Tamara Oldaker Project Number: 15507 Sample Received By:

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 21 @ 4' (H224971-11)

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	10/29/2022	ND	1.98	99.0	2.00	1.55	
Toluene*	<0.050	0.050	10/29/2022	ND	2.14	107	2.00	1.43	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.00	100	2.00	1.05	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.05	101	6.00	1.13	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 69.9-14	0						
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	10/27/2022	ND	400	100	400	7.69	
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	10/27/2022	ND	208	104	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	211	105	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	83.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	80.5	% 46.3-17	8						

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



Sample Received By:

Tamara Oldaker

Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: Sampling Type: Soil 10/31/2022 Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact

Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 22 @ 4' (H224971-12)

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	10/29/2022	ND	1.98	99.0	2.00	1.55	
Toluene*	<0.050	0.050	10/29/2022	ND	2.14	107	2.00	1.43	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.00	100	2.00	1.05	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.05	101	6.00	1.13	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/27/2022	ND	400	100	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	10/27/2022	ND	229	114	200	2.36	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	233	117	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	81.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.9	% 46.3-17	8						

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



Tamara Oldaker

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: Sampling Type: Soil 10/31/2022 Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact

Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 23 @ 4' (H224971-13)

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	10/29/2022	ND	2.05	103	2.00	3.66	
Toluene*	<0.050	0.050	10/29/2022	ND	2.24	112	2.00	5.66	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.05	103	2.00	3.95	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.22	104	6.00	4.15	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
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	10/27/2022	ND	400	100	400	7.69	
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	10/27/2022	ND	229	114	200	2.36	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	233	117	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	85.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 9	46.3-17	8						

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. Keine



Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 24 @ 4' (H224971-14)

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	10/29/2022	ND	2.05	103	2.00	3.66	
Toluene*	<0.050	0.050	10/29/2022	ND	2.24	112	2.00	5.66	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.05	103	2.00	3.95	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.22	104	6.00	4.15	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/27/2022	ND	400	100	400	7.69	
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	10/27/2022	ND	229	114	200	2.36	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	233	117	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	82.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.9	% 46.3-17	8						

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.

Celey D. Keine



Analytical Results For:

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

10/21/2022 Reported: 10/31/2022

Project Name: RED HILLS 21 FED COM 2H

Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM Sampling Date: 10/21/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

Sample ID: PF 25 @ 4' (H224971-15)

Received:

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	10/29/2022	ND	2.05	103	2.00	3.66	
Toluene*	<0.050	0.050	10/29/2022	ND	2.24	112	2.00	5.66	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.05	103	2.00	3.95	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.22	104	6.00	4.15	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/27/2022	ND	400	100	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	10/27/2022	ND	229	114	200	2.36	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	233	117	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	87.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106 9	% 46.3-17	8						

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. Keine



Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: Sampling Type: Soil 10/31/2022

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 26 @ 4' (H224971-16)

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	10/29/2022	ND	2.05	103	2.00	3.66	
Toluene*	<0.050	0.050	10/29/2022	ND	2.24	112	2.00	5.66	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.05	103	2.00	3.95	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.22	104	6.00	4.15	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/27/2022	ND	400	100	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	10/27/2022	ND	229	114	200	2.36	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	233	117	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	86.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103 9	% 46.3-17	8						

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. Keine



Sample Received By:

Tamara Oldaker

Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: 10/31/2022 Sampling Type: Soil
Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact

Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 27 @ 4' (H224971-17)

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	10/29/2022	ND	2.05	103	2.00	3.66	
Toluene*	<0.050	0.050	10/29/2022	ND	2.24	112	2.00	5.66	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.05	103	2.00	3.95	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.22	104	6.00	4.15	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/27/2022	ND	400	100	400	7.69	
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	10/27/2022	ND	229	114	200	2.36	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	233	117	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	86.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	8						

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 & Freene



Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 28 @ 4' (H224971-18)

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	10/29/2022	ND	2.05	103	2.00	3.66	
Toluene*	<0.050	0.050	10/29/2022	ND	2.24	112	2.00	5.66	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.05	103	2.00	3.95	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.22	104	6.00	4.15	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500CI-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	10/27/2022	ND	400	100	400	7.69	
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	10/27/2022	ND	229	114	200	2.36	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	233	117	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	85.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	78						

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. Frene



Sample Received By:

Tamara Oldaker

Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: 10/31/2022 Sampling Type: Soil
Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact

Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 29 @ 4' (H224971-19)

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	10/29/2022	ND	2.05	103	2.00	3.66	
Toluene*	<0.050	0.050	10/29/2022	ND	2.24	112	2.00	5.66	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.05	103	2.00	3.95	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.22	104	6.00	4.15	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	10/27/2022	ND	400	100	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	10/27/2022	ND	229	114	200	2.36	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	233	117	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	76.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.9	% 46.3-17	8						

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. Keens



Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 30 @ 4' (H224971-20)

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	10/29/2022	ND	2.05	103	2.00	3.66	
Toluene*	<0.050	0.050	10/29/2022	ND	2.24	112	2.00	5.66	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.05	103	2.00	3.95	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.22	104	6.00	4.15	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/27/2022	ND	400	100	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	10/27/2022	ND	229	114	200	2.36	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	233	117	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	80.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.3	% 46.3-17	' Q						

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.

Celey D. Keine



Analytical Results For:

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

Received: 10/21/2022 Reported: 10/31/2022 Sampling Date: 10/21/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 31 @ 4' (H224971-21)

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	10/29/2022	ND	2.05	103	2.00	3.66	
Toluene*	<0.050	0.050	10/29/2022	ND	2.24	112	2.00	5.66	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.05	103	2.00	3.95	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.22	104	6.00	4.15	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 69.9-14	0						
Chloride, SM4500Cl-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	10/27/2022	ND	400	100	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	10/27/2022	ND	229	114	200	2.36	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	233	117	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	83.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101 9	% 46.3-17	8						

Cardinal Laboratories

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. Keine

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

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

Applyzod By: 14

Received: 10/21/2022 Reported: 10/31/2022 Sampling Date: 10/21/2022 Sampling Type: Soil

Project Name:

RTFY 8021R

RED HILLS 21 FED COM 2H

Sampling Condition: Cool & Intact

Project Number: 15507

Sample Received By:

Tamara Oldaker

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 32 @ 4' (H224971-22)

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	10/29/2022	ND	2.05	103	2.00	3.66	
<0.050	0.050	10/29/2022	ND	2.24	112	2.00	5.66	
<0.050	0.050	10/29/2022	ND	2.05	103	2.00	3.95	
<0.150	0.150	10/29/2022	ND	6.22	104	6.00	4.15	
<0.300	0.300	10/29/2022	ND					
99.5	% 69.9-14	0						
mg/	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
192	16.0	10/27/2022	ND	432	108	400	3.64	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	10/27/2022	ND	229	114	200	2.36	
<10.0	10.0	10/27/2022	ND	233	117	200	4.94	
<10.0	10.0	10/27/2022	ND					
82.1	% 45.3-16	1						
99.4	% 46.3-17	8						
-	<0.050 <0.050 <0.050 <0.150 <0.300 99.5 mg/ Result 192 mg/ Result <10.0 <10.0 <82.1	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 99.5 % 69.9-14 mg/kg Result Reporting Limit 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: Sampling Type: Soil 10/31/2022

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 15507 Sample Received By:

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 33 @ 4' (H224971-23)

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	10/29/2022	ND	2.05	103	2.00	3.66	
Toluene*	<0.050	0.050	10/29/2022	ND	2.24	112	2.00	5.66	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.05	103	2.00	3.95	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.22	104	6.00	4.15	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	10/27/2022	ND	432	108	400	3.64	
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	10/27/2022	ND	229	114	200	2.36	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	233	117	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	83.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.9	26 46.3-17	8						

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:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 34 @ 4' (H224971-24)

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	10/29/2022	ND	2.05	103	2.00	3.66	
Toluene*	<0.050	0.050	10/29/2022	ND	2.24	112	2.00	5.66	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.05	103	2.00	3.95	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.22	104	6.00	4.15	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/27/2022	ND	432	108	400	3.64	
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	10/27/2022	ND	229	114	200	2.36	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	233	117	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	83.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.8	% 46.3-17	8						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 35 @ 4' (H224971-25)

RTFY 8021R

B1EX 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	10/29/2022	ND	2.05	103	2.00	3.66	
Toluene*	<0.050	0.050	10/29/2022	ND	2.24	112	2.00	5.66	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.05	103	2.00	3.95	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.22	104	6.00	4.15	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/27/2022	ND	432	108	400	3.64	
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	10/27/2022	ND	229	114	200	2.36	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	233	117	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	81.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.9	% 46.3-17	8						

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.

Celey D. Keine



Analytical Results For:

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

Received: 10/21/2022 Reported: 10/31/2022 Sampling Date: 10/21/2022 Sampling Type: Soil

Project Name:

RED HILLS 21 FED COM 2H

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

Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 36 @ 4' (H224971-26)

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	10/29/2022	ND	2.05	103	2.00	3.66	
Toluene*	<0.050	0.050	10/29/2022	ND	2.24	112	2.00	5.66	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.05	103	2.00	3.95	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.22	104	6.00	4.15	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	10/27/2022	ND	432	108	400	3.64	
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	10/27/2022	ND	229	114	200	2.36	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	233	117	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	81.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.5	% 46.3-17	8						

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

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: 10/21/2022 Reported: 10/31/2022 Sampling Date: 10/21/2022

Project Name:

Sampling Type: Soil

RED HILLS 21 FED COM 2H Project Number: 15507

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

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 37 @ 4' (H224971-27)

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	10/29/2022	ND	2.05	103	2.00	3.66	
Toluene*	<0.050	0.050	10/29/2022	ND	2.24	112	2.00	5.66	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.05	103	2.00	3.95	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.22	104	6.00	4.15	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1330	16.0	10/27/2022	ND	432	108	400	3.64	
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	10/27/2022	ND	229	114	200	2.36	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	233	117	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	85.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	78						

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. 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: 10/21/2022 Sampling Date: 10/21/2022

Reported: Sampling Type: Soil 10/31/2022

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 38 @ 4' (H224971-28)

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	10/29/2022	ND	2.05	103	2.00	3.66	
Toluene*	<0.050	0.050	10/29/2022	ND	2.24	112	2.00	5.66	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.05	103	2.00	3.95	
Total Xylenes*	< 0.150	0.150	10/29/2022	ND	6.22	104	6.00	4.15	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	10/27/2022	ND	432	108	400	3.64	
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	10/27/2022	ND	229	114	200	2.36	
DRO >C10-C28*	10.9	10.0	10/27/2022	ND	233	117	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	83.1 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101 9	% 46.3-17	8						

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. Keine



Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 39 @ 4' (H224971-29)

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	10/29/2022	ND	2.05	103	2.00	3.66	
Toluene*	<0.050	0.050	10/29/2022	ND	2.24	112	2.00	5.66	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.05	103	2.00	3.95	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.22	104	6.00	4.15	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	10/27/2022	ND	432	108	400	3.64	
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	10/27/2022	ND	229	114	200	2.36	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	233	117	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	81.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.5	% 46.3-17	8						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: Sampling Type: Soil 10/31/2022

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 40 @ 4' (H224971-30)

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	10/29/2022	ND	2.05	103	2.00	3.66	
Toluene*	<0.050	0.050	10/29/2022	ND	2.24	112	2.00	5.66	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.05	103	2.00	3.95	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.22	104	6.00	4.15	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	10/27/2022	ND	432	108	400	3.64	
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	10/28/2022	ND	229	114	200	2.36	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	233	117	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	77.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.4	% 46.3-17	8						

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. Keine



Tamara Oldaker

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: 10/31/2022 Sampling Type: Soil
Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact

Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 41 (H224971-31)

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	10/29/2022	ND	2.05	103	2.00	3.66	
Toluene*	<0.050	0.050	10/29/2022	ND	2.24	112	2.00	5.66	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.05	103	2.00	3.95	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.22	104	6.00	4.15	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/27/2022	ND	432	108	400	3.64	
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	10/28/2022	ND	229	114	200	2.36	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	233	117	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	78.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.3	% 46.3-17	8						

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.

Celey D. Keene

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: 10/21/2022 Sampling Date: 10/21/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - RURAL JAL, NM

mg/kg

Sample ID: PF 42 (H224971-32)

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	10/29/2022	ND	2.05	103	2.00	3.66	
Toluene*	<0.050	0.050	10/29/2022	ND	2.24	112	2.00	5.66	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.05	103	2.00	3.95	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.22	104	6.00	4.15	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	10/27/2022	ND	432	108	400	3.64	
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	10/27/2022	ND	179	89.7	200	2.01	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	183	91.7	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	86.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.0	% 46.3-17	8						

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.

Celey D. Keine



Tamara Oldaker

Sample Received By:

Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: 10/31/2022 Sampling Type: Soil
Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact

Project Number: 15507

ma/ka

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 43 (H224971-33)

RTFY 8021R

BIEX 8021B	mg	/ Kg	Analyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2022	ND	1.93	96.7	2.00	2.14	
Toluene*	<0.050	0.050	10/29/2022	ND	2.15	108	2.00	3.10	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.03	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.10	102	6.00	1.13	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 69.9-140	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	10/27/2022	ND	432	108	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	10/27/2022	ND	179	89.7	200	2.01	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	183	91.7	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	80.9	% 45.3-16.	1						
Surrogate: 1-Chlorooctadecane	85.2	% 46.3-178	8						

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. Frene



Tamara Oldaker

Analytical Results For:

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

Received: 10/21/2022 Reported:

Sampling Date: 10/21/2022 Sampling Type: Soil 10/31/2022 RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact

Sample Received By:

Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 44 (H224971-34)

Project Name:

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	10/29/2022	ND	1.93	96.7	2.00	2.14	
Toluene*	<0.050	0.050	10/29/2022	ND	2.15	108	2.00	3.10	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.03	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.10	102	6.00	1.13	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	10/27/2022	ND	432	108	400	3.64	
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	10/27/2022	ND	179	89.7	200	2.01	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	183	91.7	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	81.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.8	26 46.3-17	8						

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:

Received: 10/21/2022 Reported: 10/31/2022

10/31/2022 Sampling Type:

Analyzed By: JH

Project Name: RED HILLS 21 FED COM 2H Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

mg/kg

Sampling Type: Soil
Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By:

Tamara Oldaker

10/21/2022

Sample ID: PF 45 (H224971-35)

BTEX 8021B

DILX GOZID	11197	ng .	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2022	ND	1.93	96.7	2.00	2.14	
Toluene*	<0.050	0.050	10/29/2022	ND	2.15	108	2.00	3.10	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.03	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.10	102	6.00	1.13	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/27/2022	ND	432	108	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	10/27/2022	ND	179	89.7	200	2.01	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	183	91.7	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	85.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.6	% 46.3-17	8						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date: 10/21/2022

Reported: Sampling Type: Soil 10/31/2022

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PEW 5 (H224971-36)

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	10/29/2022	ND	1.93	96.7	2.00	2.14	
Toluene*	<0.050	0.050	10/29/2022	ND	2.15	108	2.00	3.10	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.03	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.10	102	6.00	1.13	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	10/27/2022	ND	432	108	400	3.64	
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	10/27/2022	ND	179	89.7	200	2.01	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	183	91.7	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	82.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.5	% 46.3-17	8						

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



10/21/2022

Soil

Analytical Results For:

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

Fax To:

Received: 10/21/2022 Sampling Date:
Reported: 10/31/2022 Sampling Type:

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PEW 6 (H224971-37)

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	10/29/2022	ND	1.93	96.7	2.00	2.14	
Toluene*	<0.050	0.050	10/29/2022	ND	2.15	108	2.00	3.10	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.03	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.10	102	6.00	1.13	
Total BTEX	<0.300	0.300	10/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/27/2022	ND	432	108	400	3.64	
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	10/27/2022	ND	179	89.7	200	2.01	
DRO >C10-C28*	<10.0	10.0	10/27/2022	ND	183	91.7	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/27/2022	ND					
Surrogate: 1-Chlorooctane	81.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.6	% 46.3-17	8						

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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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.

Celeg D. Freene

Page 40 of 43

2	a.
0	
7	167
30	1
07 D	A R

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Routine	of 4
110011110	

Company Name	: Etech Environmental & Safety Solu	itions	, In	C.						BI	LL 1	TO						AN	ALY	SIS	RE	QUE	ST		
Project Manage	Lance Crenshaw						1	P.O.	#:							T	T		T	T					
Address: 261	7 W Marland							Com	pan	y /	Mew	hou	chel	8							į				
City: Hobbs	State: NM	Zip	: 88	3240				Attn	-		400	1	ker								- 1				
Phone #: (575	5) 264-9884 Fax #:							Addi	roce	·UQ	OIR.	INS	1ker 1kBlud								- 1				
Project #: \5	507 Project Owner	er: M	10	1				`itu:	Ц	6	-	2 6/1 6/2) I KPIO								1				
Project Name:	Red Hills West 21 Fe Brical Lea County, N Eric Mojica	10	161	700:	TIVE	-					Zip:	OY.	1111		Î	1 2									
Project Location	ned mills west alle	AA	01	nd	11		-				Zip:	000	40	Chloride	IPH (8015M)	BTEX (8021B)									
Complet Location	Kural Lea County, N	10/	_				-	Phoi	-	:				은	(8)	8) X									
FOR LAB USE ONLY	Elic Mojica	-	_	_	MA	TRIX		ax	_	ERV	I ca	MPLI	100	ū	F	E									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER					OTHER:	-	ATE	TIME												
1	PFILE4	C	-		J		0,		1		10.3	1.02	Y	1	1	1									
2	PF1204	6	-		J			1	1	1				V	1	1			1						
3	PF 13e 4'	C	Ti		J			1	1					1	1	V	1								
4	PF14e4	C	Ti		1			1	1		1			1	V	1/			1	1					
6	PF 1504'	c	1		1					1				1	1	1									
6	PF 16e4	C	li		V	1			V					1	1	1	1								
7	PF 17@4	C	Ti		V				1	1	1			V	1	1									
8	PF18e4	6	Ti		V			1	V	1				1	1	1			1						
9	PF19e4	C	1		V	-	\Box	1	1	/				1	1	1	1								
10	PF 20 e 4	C	ti		V		\Box		1	/				1	1	1									
pervice. In no event shall caffiliates or successors arisi Relinquished Br Relinquished Br Delivered By	ng those for negligence and any other cause whetherever shall be refined be liable for incidental or consequential damages, including out of or related to the performance of services hereunder by the p	Re	ed wei	wed unless of ived E	ss made ninees in f whethe By:	in write terrupi r such	ng and ri	bessed	d by Cr no, or le upon s	endical coss of pany of the	within 30 d wolfs incur	inys afformed by ci	completion of t	he application, inc.	□ Y	es	□ No □ No	Add	f'l Fax			echen	v.com	1.	

FORM-006

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Revision 1.0

Ø.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

B		1			
1/	0	VT	1	n	(

2 -f4

Company Name:	Etech Environmental & Safety Solu		Inc				1			8	IL	LTO						AN	ALYS	SIS F	REQI	JEST				
Project Manager	: Lance Crenshaw							P.O	#:							T										
Address: 2617	W Marland							Con	npai	ny /	Ye	ubou.	110	5-												
City: Hobbs	State: NM	Zip:	88	240								Wall														
Phone #: (575) 264-9884 Fax #:							Add	res	5:45	Rel	Busines	, fekBlu	/											- 1	
Project #: C	507 Project Owne	r: M	0	16.		14		City	:H	26	hs	Dyrine	2.41-0.15													
Project Name: R	ed Hills West 21 Fer : Rural Lea County, Eric Mojica	10		1	H							ip: 88	240		₹ SW	1	BTEX (8021B)									
Project Location	E County	NI	U		111				ne i			0.0	7.70	Ë	201		802									
Sampler Name:	Foir Mais	/ 1/						Fax						Chloride	TPH (8015M)		X				1					
FOR LAB USE ONLY	Cheribita				M	ATRI	X		PRE	SERV	V.	SAMPLI	NG	"	F								1			
Lab I.D. H27.4971	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE	OTHER :	O'INEN'	DATE	TIME													
11	PF21e4	C	ī		1					1	1)	021-22		1	1	1	/									
12	PF22e4'	C	1			1			1	1	-			1	1		/									
13	PF 23 e 4'	C	1		1	1				1			1	1	1		/									
14	PF24 e 4'	C	1		1	1			,	1				1	1		/									
15	PF25e4'	C	1		1	1			1	1				1	1		1									
14	PF 26e4'	C	1		,	1		10		1				V	1	1	/									
17	PF 27 e 4'	C	1		4				1	1				V	1	,	/									
18	PF28e4	C	1		V	1				1				V	V		/									
19	PF 29 e 4.	C	1		,	1			1	1	L	/		V	V	1	/							_		
20	PF30e4'	6	1		1	/		0		1	1			V	V		/									
service in no event shall Ci	10-21-22 Time:	deeme willow Cardinal Re	d wuh nt limin regar	ed unio	bes med witness of wheth By:	interru	iting and utions, i	receiv	ed by (Cardina Iosa of	of with	in 30 days after is incurred by c	Phone Re Fax Result	he applica des, se. ssuit: it: S:	O Y	es	□ No	Add	i'l Pho	#:						
Delivered By: Sampler - UPS	(Circle One) - Bus - Other: $4.4c/5.8$	#	113	1	Cool	Int	Yes	-			Mal	D BY:	Piease e	mail I	result	ts a	nd cop	oy of C	oC to	pm@	getec	henv.	com.			

FORM-006 Revision 1.0

[†] Cardinal can not accept verbal changes. Please fax written changes to 575-393-2476

L.	
-	
\mathbf{z}	
-	
□	
130	
5	
-	
1	
4	
• •	
0	
17.2	
-	
4	
0	
7	
2	
0	
202	
202	
/202	
7/202	
7/202	
/7/202	
7/202	
6/7/202	
6/7/202	
6/7/202	
: 6/7/202	
: 6/7/202	
D: 6/7/202	
0	
.D: 6/7/202	
0	
0	
CD:	
CD:	
0	
CD:	
CD:	
v OCD:	
y OCD:	
y OCD:	
by OCD:	
by OCD:	
by OCD:	
d by OCD:	
I by OCD:	
d by OCD:	
ved by OCD:	
d by OCD:	

E C

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

ANALYSIS REQUEST Project Manager: Lance Creathaw Address: 2617 W Marland Company Membarine Company Membarine Company Membarine Company Membarine Company Membarine Attn: Conne Valker Address: 8017 W Marland Company Membarine City: Hobbs State: NM Zip: 88240 Attn: Conne Valker Address: 9018 W insultifled Project Name: Red Hills Hest all Fed Com all State: NM Zip: 88340 Project Location: Ruce Lea County NM Project Location: Ruce Lea County NM Sampler Name: Foic Mosica For Lab I.D. Sample I.D. Was all Marring Was all Marring MATRIX Was all Marring MATRIX Was all Marring	(575) 393-2326 FAX (575) 393-24	476		Rou	1+	in	e					1				5-74	
Project Manager: Lance Creshaw Pro. 8: Address: 2617 W Marland City: Hobbs State: NM Zip: 88240 Attn: Connec Valter Phone 8: (575) 264-9884 Fax 8: Project 8: J 5 5 0 7 Project Owner: Mey Louise City: Hobbs Project Name: Red Hills West ZIFED Com ZH State: MM Zip: 88240 Phone 8: Sampler Name: Lic Mojica Fax 8: Sampler Name: Lic Mojica Fax 8: Fortuse use only Lab I.D. Sample I.D. Was project Name: Value only Address: 480 Business Utility Phone 8: Fax 8: PRESERV SAMPUNG MATRIX PRESERV SAMPUNG DATE TIME AD PF 3 6 4' C 1 1 1 1 1 1 1 1 1 1			Inc.		-				BI	ILL	. 70					ANALYSIS REQUEST	
Address: 2617 W Marland City: Hobbs State: NM Zip: 88240 Attn: Connex Valker Phone \$\frac{1}{2}: (575) 264-9884 Fax \$\frac{1}{2}: Project Owner: Me u bo v/ne City: Hobbs Project Name: Red Hills West 2 Fed Com 2 H State: NM Zip: 88240 Project Name: Red Hills West 2 Fed Com 2 H State: NM Zip: 88240 Project Name: Red Hills West 2 Fed Com 2 H State: NM Zip: 88240 Project Name: Project Coation: Rvc Lea Covxty, NM Phone \$\frac{1}{2}: Fax \$\fr	Project Manager: Lance Creashaw						P.C). #:									
City: Hobbs State: NM Zip: 88240 Attn: Connec Valker Address: \$10 Durines Italia Address: \$10 Durin							Co	mpa	ny A	Ve i	NOON	ne					
Phone #: (575) 264-9884							Att	n: 4	200	10	· Wal	ker	T.				
Lab I.D. Sample I.D. No. N	Phone #: (575) 264-9884 Fax #:						Ad	dres	s:48	01	Busines	PERIN				1 1 1 1 1 1 1	
Lab I.D. Sample I.D. No. N	Project #: 15507 Project Owne	r: M	en	bour	ne										_		
Lab I.D. Sample I.D. No. N	Project Name: Red Hills West 2 Fed	Con	מי	24			Sta	ate:/	VM	Zij	p: 88 a	40	0	5M)	218		
Lab I.D. Sample I.D. No. N	Project Location: Ryce Les Courty.	NA	1										oric	801	80		
Lab I.D. Sample I.D. No. N	Sampler Name: Eric Molics						Fax	x #:					Chi	H.	E		
Lab I.D. Sample I.D. VOINTAINERS VOINTAI	FOR LAB USE ONLY			M	ATR	X		PRE	SERV	4	SAMPLIN	IG		F	100		
21 PF 31 e 4	Lab I.D. Sample I.D.	OR (C)OM	S	m	1		OTHER:	ACID/BASE:	ICE / BOOK OTHER:		DATE	TIME					
33 PF 32 e 4' 35 PF 33 e 4' 37 PF 35 e 4' 38 PF 36 e 4' 37 PF 37 e 4' 38 PF 37 e 4' 39 PF 37 e 4' 30 PF 37 e 4' 30 PF 37 e 4' 31 PF 37 e 4' 32 PF 37 e 4' 33 PF 37 e 4' 34 PF 37 e 4' 35 PF 37 e 4' 36 PF 37 e 4' 37 PF 37 e 4' 38 PF 37 e 4' 38 PF 37 e 4' 39 PF 37 e 4' 30 PF 37 e 4' 31 PF 37 e 4' 31 PF 37 e 4' 32 PF 37 e 4' 33 PF 37 e 4' 34 PF 37 e 4' 35 PF 37 e 4' 36 PF 37 e 4' 37 PF 37 e 4' 38 PF 37 e 4' 39 PF 37 e 4' 40 PF	21 PF31e4	_	1		1				i	-	0-21-22		1	V	1		
33 PF 33 e 4 C 1 V V V V V V V V V V V V V V V V V V	22 PF 32 04'		1		1				1	L	/		1	V	1		
25 PF 35 e 4 C 1 V V V V V V V V V V V V V V V V V V	23 PF33 e4	C	1		1				1				1	1	1		
26 PF 35 e 4 C 1 V V V V V V V V V V V V V V V V V V	011	C	1		1				V	-		1 -	1	1	1		
27 PF 37e4' CII V V V		C	1		1				1	L	>		1	1	1		
	26 PF 36 C4'				1				V	K			1	V	1		
38 PF 38 e 4		-	1		V				1	L			1	1	V		
		_	1		V	-			4	K			V	1	1		
29 PF 39 e 4' CII V V V	29 PF 39 6 4	C	1		V	-			V	F			V	V	1		++
30 PF 40 e 4 C V V V V PLEASE-WOVE: "Liability and Damages. Cardina's liability and client's exclusive remedy for any claim arising whether based in contract or slort, shall be limited to the emount paid by the client for the	30 PF 40 e 4	C	Ш		1				1	يل		by the effect for	V	1	V		
	Relinquished By: Date: 10-21-22 Time: 7550 Relinquished By: Date: 10-21-22 Relinquished By:	Red	ceiv	ed By:	Oli	1	1	(de		5	Al.	Phone Re Fax Resul	sult: t:				
Time: Per No Add'! Fax #: Received By: Parke: Received By: Received By: Fax Result: Yes No Add'! Fax #: REMARKS: Received By:												Please e	mail ı	esult	s and	copy of CoC to pm@etechenv.com.	
Relinquished By: Date: Da	Delivered By: (Circle One)	#1	13	Samp			ion		CHEC (Ini	KED	BY:						

FORM-006 Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Page 43 of 43

7	18
0	
0.	
4	100
9	
P /	

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

) 393-2326 FAX (575) 393-2 ch Environmental & Safety Solu		, Inc				i	13		BI	LL	TO						ANA	LYS	SIS F	REQ	UEST	1			
	nce Crenihan							P.O	. 非:									T	T		T					
ddress: 2617 W Ma								Cor	npa	ny A	100	bou	112									1				
ty: Hobbs	State: NM	Zip	88	240								Wall														
none #: (575) 264-9	884 Fax #:							Add	ires	s: 46	OIB.	130,933	PEBIN												1	
roject #: 1550	7 Project Owne	r: M	ON	60	210	e				406			7.7.1													
roject Name: Red	Hills West 21 Fee	C	0.40	2	H							: 880	240	9	5M)	(8021B)		1						1		
roject Location: R	cal Lea Covaty	N	M						one					Chloride	TPH (8015M)	(80)										
ampler Name:	ic Mojica	, , ,	-					Fax	#:					S S	H	BTEX		1	1						- 1	
OR LAB USE ONLY	3	T			M	ATR	IX		PRE	SERV	1. 5	SAMPLIN	NG .		=	8										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE	ICE / COOL		DATE	TIME													
31 PF	41	c	1		1					1	10.	21-22		V	V	1										
32 PF	42	C	i		1	1				1				1	V	V										_
33 PF	43	C	1		V	1				1	6			1	1	/					-	_	_	-		_
34 PF	44	C	1		V	- 1-	-	Ц		V		>		V	1	1	-	-	-	-	+	-	-	-	-	_
35 PF	45	C	1		V		-			V	K			1	/	1	-	+	+	+	+	-	-	+	-	_
36 PF	46 PEWS	C	H	H	1	1	+	-		V	-	\Rightarrow		V	V	1	+	-	+	+	+	+	+	+	-	-
37 P E	-W6	C	1		1	-	+	H		V	K			_	V	V	+	+	+	+	+	+	+	+	-	_
		+	\vdash		+	+	-	H		-	+	-			-	-	+	+	+	+	+	+	\dashv	+		
		+	\vdash		+	+	+			-	-				-		+	+	+		+	1				
alyses. All claims including those for vice. In no event shall Cardinal be lie	Cardinar's liability and client's exclusive remody for negligence and any other cause whatsower shall be before cause whatsower shall be for incidental or consequental damages, including related to the performance of services hereunder by Date: Time: Date: Time:	a doesne ng witho Cardina Re	nd wash ut limit it, regs	ved unle ution, burdless oved	By:	le in we interre	thing some, in claim	d receil	wed by	Cardinal r tees of p any of	profits in the about	to days after coursed by cive stated res	completion of the	ne applica nion, ne. sult: It: S:	□ Ye	es [No No	Add	l'I Pho l'I Fax	#:)etec	chenv	.com.			

FORM-006 Revision 1.0

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



October 31, 2022

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

RE: RED HILLS WEST 21 FED COM 2H

Enclosed are the results of analyses for samples received by the laboratory on 10/25/22 16:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/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:
 10/25/2022
 Sampling Date:
 10/25/2022

 Reported:
 10/31/2022
 Sampling Type:
 Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 66 @ 0"-6" (H225021-01)

BTEX 8260B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/29/2022	ND	1.91	95.6	2.00	2.11	
Toluene*	<0.025	0.025	10/29/2022	ND	1.83	91.4	2.00	4.96	
Ethylbenzene*	<0.025	0.025	10/29/2022	ND	1.95	97.5	2.00	1.25	
Total Xylenes*	<0.075	0.075	10/29/2022	ND	6.15	103	6.00	0.889	
Total BTEX	<0.150	0.150	10/29/2022	ND					
Surrogate: Dibromofluoromethane	103	% 83.7-11	4						
Surrogate: Toluene-d8	96.4	% 95.3-10	7						
Surrogate: 4-Bromofluorobenzene	101	% 50.9-15	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/28/2022	ND	416	104	400	0.00	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	10/29/2022	ND	193	96.5	200	8.67	
DRO >C10-C28*	<10.0	10.0	10/29/2022	ND	193	96.4	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	10/29/2022	ND					
Surrogate: 1-Chlorooctane	72.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.3	% 46.3-17	8						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 10/25/2022 Sampling Date: 10/25/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 67 @ 0"-6" (H225021-02)

BTEX 8260B

	<u> </u>			,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/29/2022	ND	1.91	95.6	2.00	2.11	
Toluene*	<0.025	0.025	10/29/2022	ND	1.83	91.4	2.00	4.96	
Ethylbenzene*	<0.025	0.025	10/29/2022	ND	1.95	97.5	2.00	1.25	
Total Xylenes*	<0.075	0.075	10/29/2022	ND	6.15	103	6.00	0.889	
Total BTEX	<0.150	0.150	10/29/2022	ND					
Surrogate: Dibromofluoromethane	102	% 83.7-11	4						
Surrogate: Toluene-d8	97.7	% 95.3-10	7						
Surrogate: 4-Bromofluorobenzene	99.7	% 50.9-15	0						
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	10/28/2022	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	10/29/2022	ND	193	96.5	200	8.67	
DRO >C10-C28*	<10.0	10.0	10/29/2022	ND	193	96.4	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	10/29/2022	ND					
Surrogate: 1-Chlorooctane	77.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.0	% 46.3-17	8						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 10/25/2022 Sampling Date: 10/25/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: MEWBOURNE - JAL, NM

mg/kg

Sample ID: PF 68 @ 0"-6" (H225021-03)

BTEX 8260B

	3,								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/29/2022	ND	1.91	95.6	2.00	2.11	
Toluene*	<0.025	0.025	10/29/2022	ND	1.83	91.4	2.00	4.96	
Ethylbenzene*	<0.025	0.025	10/29/2022	ND	1.95	97.5	2.00	1.25	
Total Xylenes*	<0.075	0.075	10/29/2022	ND	6.15	103	6.00	0.889	
Total BTEX	<0.150	0.150	10/29/2022	ND					
Surrogate: Dibromofluoromethane	101 9	% 83.7-11	4						
Surrogate: Toluene-d8	95.6	% 95.3-10	7						
Surrogate: 4-Bromofluorobenzene	100 9	% 50.9-15	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/28/2022	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	10/29/2022	ND	193	96.5	200	8.67	
DRO >C10-C28*	<10.0	10.0	10/29/2022	ND	193	96.4	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	10/29/2022	ND					
Surrogate: 1-Chlorooctane	71.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.4	% 46.3-17	<i>'</i> 8						

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. Freene



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

Analytical Results For:

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

Fax To:

Received: 10/25/2022 Sampling Date: 10/25/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 69 @ 0"-6" (H225021-04)

BTEX 8260B

DIEX 0200B	ilig	/ Kg	Allalyze	u by: M3					3-03
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/29/2022	ND	1.91	95.6	2.00	2.11	
Toluene*	<0.025	0.025	10/29/2022	ND	1.83	91.4	2.00	4.96	
Ethylbenzene*	<0.025	0.025	10/29/2022	ND	1.95	97.5	2.00	1.25	
Total Xylenes*	<0.075	0.075	10/29/2022	ND	6.15	103	6.00	0.889	
Total BTEX	<0.150	0.150	10/29/2022	ND					
Surrogate: Dibromofluoromethane	99.7	% 83.7-11	4						
Surrogate: Toluene-d8	95.2	% 95.3-10	17						
Surrogate: 4-Bromofluorobenzene	99.2	% 50.9-15	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/28/2022	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	10/29/2022	ND	193	96.5	200	8.67	
DRO >C10-C28*	<10.0	10.0	10/29/2022	ND	193	96.4	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	10/29/2022	ND					
Surrogate: 1-Chlorooctane	80.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.2	% 46.3-17	'8						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 10/25/2022 Sampling Date: 10/25/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: MEWBOURNE - JAL, NM

mg/kg

Sample ID: PF 70 @ 0"-6" (H225021-05)

BTEX 8260B

DIEX OZOOD	9/	119	Allulyzo	a 2 y . 1 . 0					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/29/2022	ND	1.91	95.6	2.00	2.11	
Toluene*	<0.025	0.025	10/29/2022	ND	1.83	91.4	2.00	4.96	
Ethylbenzene*	<0.025	0.025	10/29/2022	ND	1.95	97.5	2.00	1.25	
Total Xylenes*	<0.075	0.075	10/29/2022	ND	6.15	103	6.00	0.889	
Total BTEX	<0.150	0.150	10/29/2022	ND					
Surrogate: Dibromofluoromethane	98.7	% 83.7-11	4						
Surrogate: Toluene-d8	97.2	% 95.3-10	07						
Surrogate: 4-Bromofluorobenzene	99.0	% 50.9-15	50						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	10/28/2022	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	10/29/2022	ND	193	96.5	200	8.67	
DRO >C10-C28*	<10.0	10.0	10/29/2022	ND	193	96.4	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	10/29/2022	ND					
Surrogate: 1-Chlorooctane	80.8	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	94.0	% 46.3-17	78						

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.

Celey D. Keene



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

Analytical Results For:

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

Fax To:

Received: 10/25/2022 Sampling Date: 10/25/2022

Reported: Sampling Type: Soil 10/31/2022

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact Project Number: Sample Received By: 15507 Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 71 @ 0"-6" (H225021-06)

BTEX 8260B	mg,	'kg	Analyze	d By: MS					S-05
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/29/2022	ND	1.91	95.6	2.00	2.11	
Toluene*	<0.025	0.025	10/29/2022	ND	1.83	91.4	2.00	4.96	
Ethylbenzene*	<0.025	0.025	10/29/2022	ND	1.95	97.5	2.00	1.25	
Total Xylenes*	<0.075	0.075	10/29/2022	ND	6.15	103	6.00	0.889	
Total BTEX	<0.150	0.150	10/29/2022	ND					
Surrogate: Dibromofluoromethane	98.2	% 83.7-11	4						
Surrogate: Toluene-d8	95.2	% 95.3-10	7						
Surrogate: 4-Bromofluorobenzene	98.9	% 50.9-15	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/28/2022	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	10/29/2022	ND	193	96.5	200	8.67	
DRO >C10-C28*	<10.0	10.0	10/29/2022	ND	193	96.4	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	10/29/2022	ND					
Surrogate: 1-Chlorooctane	80.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.6	% 46.3-17	8						

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. Keine



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

Analytical Results For:

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

Fax To:

Received: 10/25/2022 Sampling Date: 10/25/2022

Reported: Sampling Type: Soil 10/31/2022

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 72 @ 0"-6" (H225021-07)

BTEX 8260B	mg,	/kg	Analyze	d By: MS					S-05
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/29/2022	ND	1.91	95.6	2.00	2.11	
Toluene*	<0.025	0.025	10/29/2022	ND	1.83	91.4	2.00	4.96	
Ethylbenzene*	<0.025	0.025	10/29/2022	ND	1.95	97.5	2.00	1.25	
Total Xylenes*	<0.075	0.075	10/29/2022	ND	6.15	103	6.00	0.889	
Total BTEX	<0.150	0.150	10/29/2022	ND					
Surrogate: Dibromofluoromethane	99.6	% 83.7-11	4						
Surrogate: Toluene-d8	95.2	% 95.3-10	7						
Surrogate: 4-Bromofluorobenzene	102	% 50.9-15	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/28/2022	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	10/29/2022	ND	193	96.5	200	8.67	
DRO >C10-C28*	<10.0	10.0	10/29/2022	ND	193	96.4	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	10/29/2022	ND					
Surrogate: 1-Chlorooctane	91.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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



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

Analytical Results For:

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

Received: 10/25/2022 Sampling Date: 10/25/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: MEWBOURNE - JAL, NM

mg/kg

Sample ID: PF 73 @ 0"-6" (H225021-08)

BTEX 8260B

DILX 0200D	ilig	r kg	Allalyze	a by. 143					3-03
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/29/2022	ND	1.91	95.6	2.00	2.11	
Toluene*	<0.025	0.025	10/29/2022	ND	1.83	91.4	2.00	4.96	
Ethylbenzene*	<0.025	0.025	10/29/2022	ND	1.95	97.5	2.00	1.25	
Total Xylenes*	<0.075	0.075	10/29/2022	ND	6.15	103	6.00	0.889	
Total BTEX	<0.150	0.150	10/29/2022	ND					
Surrogate: Dibromofluoromethane	102	% 83.7-11	4						
Surrogate: Toluene-d8	92.0	% 95.3-10	7						
Surrogate: 4-Bromofluorobenzene	101	% 50.9-15	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	10/28/2022	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	10/28/2022	ND	195	97.5	200	0.374	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	191	95.3	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	86.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.2	% 46.3-17	8						

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.

Celey D. Keene



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

Analytical Results For:

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

Fax To:

Received: 10/25/2022 Sampling Date: 10/25/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: MEWBOURNE - JAL, NM

mg/kg

Sample ID: PF 74 @ 0"-6" (H225021-09)

BTEX 8260B

DILX 0200D	ilig	r kg	Allalyze	a by. 143					3-03
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/29/2022	ND	1.91	95.6	2.00	2.11	
Toluene*	<0.025	0.025	10/29/2022	ND	1.83	91.4	2.00	4.96	
Ethylbenzene*	<0.025	0.025	10/29/2022	ND	1.95	97.5	2.00	1.25	
Total Xylenes*	<0.075	0.075	10/29/2022	ND	6.15	103	6.00	0.889	
Total BTEX	<0.150	0.150	10/29/2022	ND					
Surrogate: Dibromofluoromethane	101 % 83.7-11		4						
Surrogate: Toluene-d8	93.8 % 95.3-10		7						
Surrogate: 4-Bromofluorobenzene	103	% 50.9-15	0						
Chloride, SM4500CI-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	10/28/2022	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	10/28/2022	ND	195	97.5	200	0.374	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	191	95.3	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	94.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.1	% 46.3-17	8						

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.

Celey D. Kune



Analytical Results For:

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

Received: 10/25/2022 Reported: 10/31/2022

Project Name: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM Sampling Date: 10/25/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shalyn Rodriguez

Sample ID: PF 75 @ 0"-6" (H225021-10)

BTEX 8260B	mg/kg		Analyzed By: MS					S-05	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/29/2022	ND	1.91	95.6	2.00	2.11	
Toluene*	<0.025	0.025	10/29/2022	ND	1.83	91.4	2.00	4.96	
Ethylbenzene*	<0.025	0.025	10/29/2022	ND	1.95	97.5	2.00	1.25	
Total Xylenes*	<0.075	0.075	10/29/2022	ND	6.15	103	6.00	0.889	
Total BTEX	<0.150	0.150	10/29/2022	ND					
Surrogate: Dibromofluoromethane	101	% 83.7-11	4						
Surrogate: Toluene-d8	92.9	% 95.3-10	17						
Surrogate: 4-Bromofluorobenzene	102	% 50.9-15	0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/28/2022	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	10/28/2022	ND	195	97.5	200	0.374	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	191	95.3	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	93.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.2	% 46.3-17	'8						

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. Keine



Analytical Results For:

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

 Received:
 10/25/2022
 Sampling Date:
 10/25/2022

 Reported:
 10/31/2022
 Sampling Type:
 Soil

Reported: 10/31/2022 Sampling Type: Soil Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: PSW 2 (H225021-11)

BTEX 8260B	mg/kg		Analyzed By: MS					S-05	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/29/2022	ND	1.91	95.6	2.00	2.11	
Toluene*	<0.025	0.025	10/29/2022	ND	1.83	91.4	2.00	4.96	
Ethylbenzene*	<0.025	0.025	10/29/2022	ND	1.95	97.5	2.00	1.25	
Total Xylenes*	<0.075	0.075	10/29/2022	ND	6.15	103	6.00	0.889	
Total BTEX	<0.150	0.150	10/29/2022	ND					
Surrogate: Dibromofluoromethane	99.5 % 83.7-11		4						
Surrogate: Toluene-d8	93.4 % 95.3-10		7						
Surrogate: 4-Bromofluorobenzene	102	% 50.9-15	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	10/28/2022	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	10/28/2022	ND	195	97.5	200	0.374	
DRO >C10-C28*	34.5	10.0	10/28/2022	ND	191	95.3	200	4.79	
EXT DRO >C28-C36	13.2	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	93.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.8	% 46.3-17	8						

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 & Frence



Analytical Results For:

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

Fax To:

Received: 10/25/2022 Sampling Date: 10/25/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: MEWBOURNE - JAL, NM

mg/kg

Sample ID: PSW 3 (H225021-12)

BTEX 8260B

DIEX OZOOB	9/	119	Allalyzo	a 571115					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/29/2022	ND	1.91	95.6	2.00	2.11	
Toluene*	<0.025	0.025	10/29/2022	ND	1.83	91.4	2.00	4.96	
Ethylbenzene*	<0.025	0.025	10/29/2022	ND	1.95	97.5	2.00	1.25	
Total Xylenes*	<0.075	0.075	10/29/2022	ND	6.15	103	6.00	0.889	
Total BTEX	<0.150	0.150	10/29/2022	ND					
Surrogate: Dibromofluoromethane	96.0	% 83.7-11	4						
Surrogate: Toluene-d8	97.6	% 95.3-10)7						
Surrogate: 4-Bromofluorobenzene	99.1	% 50.9-15	70						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/28/2022	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	10/28/2022	ND	195	97.5	200	0.374	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	191	95.3	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	96.0	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	99.2	% 46.3-17	78						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 10/25/2022 Sampling Date: 10/25/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: MEWBOURNE - JAL, NM

mg/kg

Sample ID: PSW 4 (H225021-13)

BTEX 8260B

DILX 0200D	ilig	r kg	Allalyze	a by. 143					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/29/2022	ND	1.91	95.6	2.00	2.11	
Toluene*	<0.025	0.025	10/29/2022	ND	1.83	91.4	2.00	4.96	
Ethylbenzene*	<0.025	0.025	10/29/2022	ND	1.95	97.5	2.00	1.25	
Total Xylenes*	<0.075	0.075	10/29/2022	ND	6.15	103	6.00	0.889	
Total BTEX	<0.150	0.150	10/29/2022	ND					
Surrogate: Dibromofluoromethane	102	% 83.7-11	4						
Surrogate: Toluene-d8	95.6	% 95.3-10	7						
Surrogate: 4-Bromofluorobenzene	103	% 50.9-15	0						
Chloride, SM4500Cl-B	mg,	mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/28/2022	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	10/28/2022	ND	195	97.5	200	0.374	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	191	95.3	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	96.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100	% 46.3-17	8						

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. Keine



Analytical Results For:

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

Fax To:

ma/ka

Received: 10/25/2022 Sampling Date: 10/25/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Applyzod By: MC

Project Location: MEWBOURNE - JAL, NM

Sample ID: PWW 4 (H225021-14)

DTEV 9260B

BTEX 8260B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/29/2022	ND	1.91	95.6	2.00	2.11	
Toluene*	<0.025	0.025	10/29/2022	ND	1.83	91.4	2.00	4.96	
Ethylbenzene*	<0.025	0.025	10/29/2022	ND	1.95	97.5	2.00	1.25	
Total Xylenes*	<0.075	0.075	10/29/2022	ND	6.15	103	6.00	0.889	
Total BTEX	<0.150	0.150	10/29/2022	ND					
Surrogate: Dibromofluoromethane	102	% 83.7-11	4						
Surrogate: Toluene-d8	95.9	% 95.3-10	7						
Surrogate: 4-Bromofluorobenzene	99.0	% 50.9-15	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/28/2022	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	10/28/2022	ND	195	97.5	200	0.374	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	191	95.3	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	89.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.6	% 46.3-17	8						

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 & Freene



Analytical Results For:

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

Fax To:

Received: 10/25/2022 Sampling Date: 10/25/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Applyzod By: MC

Project Location: MEWBOURNE - JAL, NM

ma/ka

Sample ID: PWW 5 (H225021-15)

DTEV 9260B

BTEX 8260B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/29/2022	ND	1.91	95.6	2.00	2.11	
Toluene*	<0.025	0.025	10/29/2022	ND	1.83	91.4	2.00	4.96	
Ethylbenzene*	<0.025	0.025	10/29/2022	ND	1.95	97.5	2.00	1.25	
Total Xylenes*	<0.075	0.075	10/29/2022	ND	6.15	103	6.00	0.889	
Total BTEX	<0.150	0.150	10/29/2022	ND					
Surrogate: Dibromofluoromethane	101	% 83.7-11	4						
Surrogate: Toluene-d8	98.6	% 95.3-10	7						
Surrogate: 4-Bromofluorobenzene	101	% 50.9-15	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/28/2022	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	10/28/2022	ND	195	97.5	200	0.374	
DRO >C10-C28*	41.9	10.0	10/28/2022	ND	191	95.3	200	4.79	
EXT DRO >C28-C36	11.7	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	90.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.4	% 46.3-17	8						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 10/25/2022 Sampling Date: 10/25/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: MEWBOURNE - JAL, NM

mg/kg

Sample ID: PWW 6 (H225021-16)

BTEX 8260B

DIER GEGGE	9	1.5	Analyzo	u 571110					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/29/2022	ND	1.91	95.6	2.00	2.11	
Toluene*	<0.025	0.025	10/29/2022	ND	1.83	91.4	2.00	4.96	
Ethylbenzene*	<0.025	0.025	10/29/2022	ND	1.95	97.5	2.00	1.25	
Total Xylenes*	<0.075	0.075	10/29/2022	ND	6.15	103	6.00	0.889	
Total BTEX	<0.150	0.150	10/29/2022	ND					
Surrogate: Dibromofluoromethane	105	% 83.7-11	4						
Surrogate: Toluene-d8	95.4	% 95.3-10	17						
Surrogate: 4-Bromofluorobenzene	101	% 50.9-15	0						
Chloride, SM4500Cl-B	mg,	mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/28/2022	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	10/28/2022	ND	195	97.5	200	0.374	
DRO >C10-C28*	1280	10.0	10/28/2022	ND	191	95.3	200	4.79	
EXT DRO >C28-C36	422	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	91.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	138	% 46.3-17	78						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 10/25/2022 Sampling Date: 10/25/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: PWW 7 (H225021-17)

BTEX 8260B	mg/	kg	Analyze	d By: MS					S-05
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/29/2022	ND	1.91	95.6	2.00	2.11	
Toluene*	<0.025	0.025	10/29/2022	ND	1.83	91.4	2.00	4.96	
Ethylbenzene*	<0.025	0.025	10/29/2022	ND	1.95	97.5	2.00	1.25	
Total Xylenes*	<0.075	0.075	10/29/2022	ND	6.15	103	6.00	0.889	
Total BTEX	<0.150	0.150	10/29/2022	ND					
Surrogate: Dibromofluoromethane	103 9	% 83.7-11	4						
Surrogate: Toluene-d8	94.1	% 95.3-10	17						
Surrogate: 4-Bromofluorobenzene	100 5	% 50.9-15	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	10/28/2022	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	10/28/2022	ND	195	97.5	200	0.374	
DRO >C10-C28*	60.3	10.0	10/28/2022	ND	191	95.3	200	4.79	
EXT DRO >C28-C36	25.3	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	102 5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 9	% 46.3-17	78						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 10/25/2022 Sampling Date: 10/25/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Applyzod By: MC

Project Location: MEWBOURNE - JAL, NM

ma/ka

Sample ID: PNW 3 (H225021-18)

RTFY 8260R

BTEX 8260B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/29/2022	ND	1.91	95.6	2.00	2.11	
Toluene*	<0.025	0.025	10/29/2022	ND	1.83	91.4	2.00	4.96	
Ethylbenzene*	<0.025	0.025	10/29/2022	ND	1.95	97.5	2.00	1.25	
Total Xylenes*	<0.075	0.075	10/29/2022	ND	6.15	103	6.00	0.889	
Total BTEX	<0.150	0.150	10/29/2022	ND					
Surrogate: Dibromofluoromethane	99.7	% 83.7-11	4						
Surrogate: Toluene-d8	96.5	% 95.3-10	07						
Surrogate: 4-Bromofluorobenzene	101	% 50.9-15	70						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/28/2022	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	10/28/2022	ND	195	97.5	200	0.374	
DRO >C10-C28*	476	10.0	10/28/2022	ND	191	95.3	200	4.79	
EXT DRO >C28-C36	108	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	99.0	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	119	% 46.3-17	78						

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.

Celey & Keene



Analytical Results For:

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

Received: 10/25/2022 Sampling Date: 10/25/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: PNW 4 (H225021-19)

BTEX 8260B	mg	/kg	Analyze	d By: MS					S-05
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/29/2022	ND	1.91	95.6	2.00	2.11	
Toluene*	<0.025	0.025	10/29/2022	ND	1.83	91.4	2.00	4.96	
Ethylbenzene*	<0.025	0.025	10/29/2022	ND	1.95	97.5	2.00	1.25	
Total Xylenes*	<0.075	0.075	10/29/2022	ND	6.15	103	6.00	0.889	
Total BTEX	<0.150	0.150	10/29/2022	ND					
Surrogate: Dibromofluoromethane	99.7	% 83.7-11	4						
Surrogate: Toluene-d8	94.6	% 95.3-10	17						
Surrogate: 4-Bromofluorobenzene	103	% 50.9-15	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/28/2022	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	10/28/2022	ND	195	97.5	200	0.374	
DRO >C10-C28*	38.1	10.0	10/28/2022	ND	191	95.3	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110	% 46.3-17	'8						

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. Keine



Analytical Results For:

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

Fax To:

Received: 10/25/2022 Sampling Date: 10/25/2022

Reported: 10/31/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: PNW 5 (H225021-20)

BTEX 8260B	mg,	/kg	Analyze	d By: MS					S-05
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	10/29/2022	ND	1.91	95.6	2.00	2.11	
Toluene*	<0.025	0.025	10/29/2022	ND	1.83	91.4	2.00	4.96	
Ethylbenzene*	<0.025	0.025	10/29/2022	ND	1.95	97.5	2.00	1.25	
Total Xylenes*	<0.075	0.075	10/29/2022	ND	6.15	103	6.00	0.889	
Total BTEX	<0.150	0.150	10/29/2022	ND					
Surrogate: Dibromofluoromethane	99.7	% 83.7-11	4						
Surrogate: Toluene-d8	95.1	% 95.3-10	7						
Surrogate: 4-Bromofluorobenzene	101	% 50.9-15	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	10/28/2022	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	10/29/2022	ND	195	97.5	200	0.374	
DRO >C10-C28*	69.1	10.0	10/29/2022	ND	191	95.3	200	4.79	
EXT DRO >C28-C36	10.2	10.0	10/29/2022	ND					
Surrogate: 1-Chlorooctane	85.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.4	% 46.3-17	8						

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 & Frence



Notes and Definitions

S-05 The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.

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 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

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. Freene

Released to Imaging: 6/17/2024 12:53:26 PM

ARDINAL LABORATORIES

11 East Marland	l, Hobbs, NM	88240	PI
(575) 393-2326	FAX (575) 39	3-2476	Rout

	e		1		7
	0	1	1+	0	7
	6	11	U I	0	1

- 1		1	1	
/	0		d	

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	: Etech Environmental & Safety Solu	tions	, Inc	C.						BI	LL T	0						AN	IAL'	YSIS	R	EQUI	EST			
Project Manager	"Lance Crenshaw						F	2.0.	ık:			- 1							7							
Address: 261	7 W Marland						C	Com	oan	M	lewi	bou	rne													
City: Hobbs	State: NM	Zip	: 88	240							er l															
Phone #: (575	5) 264-9884 Fax #:							Addr	955	480	OIBU	sine	wikl.	Vad												
Project #: /	5 5 0 7 Project Owne	r: Ju	10:	160	urn	0	0	City:																1		
Project Name:	Red Hills West 21F	01	10	om	2	H	5	State	·N	14	Zip:	88	240		SM)	1 0										
Project Location	5507 Project Owne Red Hills West 21F n: Rural Lea Count Eric Mojica	-	1/	M	- 1		F	hon				00		Chloride	TPH (8015M)	DTEY (8021B)	3	ı								
Sampler Name:	Frie Maile	1	/ /		-		F	ax 1						훒	H	>	1	1				1				
FOR LAB USE ONLY	Citation	Т	Г		MA	TRIX		_	_	ERV.	SAI	MPLI	IG	Ĭ	7	F			1							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.		œ	WASTEWATER			ACID/BASE	ICE / 696F-	OTHER:	DA	TE	TIME	1												
1	PF 66 e 0 -6"	C	1		1			T	V	1	102	5AR		1	1	V							T			
2	PF 67 0 0-6"	C	1		V				V					~	1	V										
3	PF 6800-6"	C	1		1				V					1	V	V										
4	PF 69 e 0-6"	C	1		1				1		/			1	1	V										
5	PF 70e 0-6"	C	1		1				V					V	V	V	/									
6	PF 71 e 0-6"	C	1		1				1					1	V	V							1	1		
1	PF 72 e 0 - 6"	C	1		1				V			>		1	1	V	/	_				_	1			
8	PF 73 e 0-6"	C	1		1				V		/			1	V	V		1	_			-	1	\perp		
9	PF7400-6"	C	1		V			1	V				1	1	/	V		_	_			_	-	-	_	
10	PF 75 e 0-6"	C			V				1					1	1	V										
service. In no event shall Cr affiliates or successors arial Relinquished By Relinquished By	Time:	Re	d wait at limit i, rega ecei	ved entire the service of the servic	ns made miness in f whethe	in writing	ng and re lone, lon ctairn is i	ecoived e of spec based u	by Ca , or le pon a	pedinal view of printy of the	within 30 da ratits incum	rys afler ed by ci aled ros	completion of t ent, its subsidie	he application, see. esult: lt: S:	□ Y	9S_	□ No	Ad	ld'I Fa			eteche	env.cc	om.		
Sampler - UPS	- Bus - Other: 2-81 C-0. C		3	0	ool Ye	Inta	ct		4		tials)															

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

1	01 East Marland, Hobbs, NM 88240	0 4.		1 47
	(575) 393-2326 FAX (575) 393-2476	Kouline		dad
e:	Etech Environmental & Safety Solutions, Inc.	888	BILL TO	ANALYSIS REQUEST

Company Name:	Electi Environmental & Salety So	10000113	, 1110			201	LL IU					AITA	The I die	7 112	ZULSI			_
Project Manager	: Lance Crensh.	N			P.O.	#:												
Address: 2617	7 W Marland				Com	pany /	lenbou	rne										
City: Hobbs	State: NM	Zip	: 882	240			ner Wal											
Phone #: (575	i) 264-9884 Fax #:				Addr	ess: 48	0/8 win	es.P.kD	Var									
Project #: / T	5 5 0 7 Project Own	ner: /	100	bourne	City:	Hob	65						1					
	Red Hills West 21	Food	1	2 H	State	·NM	Zip: 88	241		(W)	18							ı
Project Location		1.	11	M	Phor			1.10	Pr	301	805							
Sampler Name:	Eric Mosica	17,	/ / /		Fax			-	Chloride	TPH (8015M)	BTEX (8021B)							
FOR LAB USE ONLY	2/10/10/12			MATRIX	_	RESERV.	SAMPLI	NG	1	4	BTI							
Lab I.D. Hz25021	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL	OTHER:	ICE / COOL	DATE	TIME										
11	PSWa	C	1	1		1	10-25-22		1	V	1							1
12	PSW3	C	1	1		V			/	V	1							1
13	PSW4	C	1	1		1			V	1	V		_					1
14	PWW4	C	1	V		V			1	1	/						-	+
15	PWW5	C	1	1		1			1	/	V	_	-		_	-	+	+
14	PWW6	C	1	1		1		-	V	V	V	_	-	\vdash	-	-	+	+
17	PWW	C	1	1	-	1		11	V	1	V	-	+		-	-	+-	+
18	P/V W 3	C	1	V .		1	\rightarrow		V	V	1	-	+		-	-	+	+
70	F/V W 4	C	1	V		1			V	V	1	+-	+		-	-	-	+
PLEASE NOTE: Liability and	d Damages. Cardinal's fiability and client's exclusive remedy	_	m arisir	ng whether based in contra	act or tort, st	and be limited	to the amount paid	by the client for	the	V	V							_
malyses All claims includin	ny those for negligence and any other cause whatsoever shall ardined be liable for incidental or consequental damages, inch	be deeme	d welv	ed unless made in writing	and received	by Cardinal v				ble								
	ng out of or related to the performance of services hereunder y: Date: 10 - 25 - 45 Time: U 5	by Cardina	i, regar						se. esult: lt:	□ Ye			l Phone l Fax #:	#:				
Delivered By: Sampler - UPS	Time: (Circle One) 2.5°) C - C - Bus - Other: 22° #		-	Sample Cond Cool Intag	lition Lefes		(ED BY:	Please e	email ı	results	s and co	py of Co	C to p	m@ete	chenv.	com.		

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



November 03, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS 21 FED COM 2H

Enclosed are the results of analyses for samples received by the laboratory on 10/26/22 16:35.

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

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: 10/26/2022 Sampling Date: 10/26/2022

Reported: 11/03/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PNW 1 - LEFT 32' (H225059-01)

BTEX 8260B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/03/2022	ND	0.487	97.5	0.500	0.847	
Toluene*	<0.025	0.025	11/03/2022	ND	0.480	96.0	0.500	2.48	
Ethylbenzene*	<0.025	0.025	11/03/2022	ND	0.507	101	0.500	1.93	
Total Xylenes*	<0.075	0.075	11/03/2022	ND	1.53	102	1.50	2.24	
Total BTEX	<0.150	0.150	11/03/2022	ND					
Surrogate: Dibromofluoromethane	97.8	% 86.7-11	1						
Surrogate: Toluene-d8	96.9	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	104 9	% 88.2-10	8						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	10/31/2022	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	10/31/2022	ND	167	83.6	200	0.952	
DRO >C10-C28*	612	10.0	10/31/2022	ND	175	87.4	200	0.439	
EXT DRO >C28-C36	178	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	71.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.3	% 46.3-17	8						

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 & Freene



Analytical Results For:

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

Fax To:

Received: 10/26/2022 Sampling Date: 10/26/2022

Reported: 11/03/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact Sample Received By: Project Number: 15507 Tamara Oldaker

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PNW 1 - RIGHT 32' (H225059-02)

BTEX 8260B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/03/2022	ND	0.487	97.5	0.500	0.847	
Toluene*	<0.025	0.025	11/03/2022	ND	0.480	96.0	0.500	2.48	
Ethylbenzene*	<0.025	0.025	11/03/2022	ND	0.507	101	0.500	1.93	
Total Xylenes*	<0.075	0.075	11/03/2022	ND	1.53	102	1.50	2.24	
Total BTEX	<0.150	0.150	11/03/2022	ND					
Surrogate: Dibromofluoromethane	96.1	% 86.7-11	1						
Surrogate: Toluene-d8	96.2	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	103	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/31/2022	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	10/31/2022	ND	167	83.6	200	0.952	
DRO >C10-C28*	121	10.0	10/31/2022	ND	175	87.4	200	0.439	
EXT DRO >C28-C36	20.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	85.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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. Keine



Analytical Results For:

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

Fax To:

Received: 10/26/2022 Sampling Date: 10/26/2022

Reported: 11/03/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - RURAL JAL, NM

mg/kg

Sample ID: PNW 6 (H225059-03)

BTEX 8260B

DILX 0200D	ilig	r kg	Allalyze	u by. 143					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/03/2022	ND	0.487	97.5	0.500	0.847	
Toluene*	<0.025	0.025	11/03/2022	ND	0.480	96.0	0.500	2.48	
Ethylbenzene*	<0.025	0.025	11/03/2022	ND	0.507	101	0.500	1.93	
Total Xylenes*	<0.075	0.075	11/03/2022	ND	1.53	102	1.50	2.24	
Total BTEX	<0.150	0.150	11/03/2022	ND					
Surrogate: Dibromofluoromethane	95.3	% 86.7-11	1						
Surrogate: Toluene-d8	97.9	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	102	% 88.2-10	08						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/31/2022	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	10/31/2022	ND	167	83.6	200	0.952	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	175	87.4	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	84.0	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	94.8	% 46.3-17	78						

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 & Freene



Analytical Results For:

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

Received: 10/26/2022 Reported:

Sampling Date: 10/25/2022 11/03/2022 Sampling Type: Soil

Project Name: Project Number:

RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact 15507 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - RURAL JAL, NM

mg/kg

Sample ID: PF 76 @ 0"-6" (H225059-04)

BTEX 8260B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/03/2022	ND	0.487	97.5	0.500	0.847	
Toluene*	<0.025	0.025	11/03/2022	ND	0.480	96.0	0.500	2.48	
Ethylbenzene*	<0.025	0.025	11/03/2022	ND	0.507	101	0.500	1.93	
Total Xylenes*	<0.075	0.075	11/03/2022	ND	1.53	102	1.50	2.24	
Total BTEX	<0.150	0.150	11/03/2022	ND					
Surrogate: Dibromofluoromethane	94.8	% 86.7-11	1						
Surrogate: Toluene-d8	97.0	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	101	% 88.2-10	18						
Chloride, SM4500Cl-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	10/31/2022	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	10/31/2022	ND	167	83.6	200	0.952	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	175	87.4	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	91.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	78						

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. Keine



Analytical Results For:

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

Analyzed By: MS

Received: 10/26/2022 Reported: 11/03/2022 Sampling Date: 10/26/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

mg/kg

Sample ID: PF 88 @ 1' (H225059-05)

BTEX 8260B

DILX 0200D	ilig	r kg	Allalyze	u by. 143					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/03/2022	ND	0.487	97.5	0.500	0.847	
Toluene*	<0.025	0.025	11/03/2022	ND	0.480	96.0	0.500	2.48	
Ethylbenzene*	<0.025	0.025	11/03/2022	ND	0.507	101	0.500	1.93	
Total Xylenes*	<0.075	0.075	11/03/2022	ND	1.53	102	1.50	2.24	
Total BTEX	<0.150	0.150	11/03/2022	ND					
Surrogate: Dibromofluoromethane	95.6	% 86.7-11	1						
Surrogate: Toluene-d8	97.1	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	101	% 88.2-10)8						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	10/31/2022	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	10/31/2022	ND	173	86.7	200	0.155	
DRO >C10-C28*	37.0	10.0	10/31/2022	ND	179	89.7	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	73.5	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	90.3	% 46.3-17	78						

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.

Celecy D. Keene



Analytical Results For:

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

Fax To:

Received: 10/26/2022 Sampling Date: 10/26/2022

Reported: 11/03/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - RURAL JAL, NM

mg/kg

Sample ID: PF 89 @ 1' (H225059-06)

BTEX 8260B

DILX 0200D	ilig/	r kg	Allalyze	u by. 143					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/03/2022	ND	0.487	97.5	0.500	0.847	
Toluene*	<0.025	0.025	11/03/2022	ND	0.480	96.0	0.500	2.48	
Ethylbenzene*	<0.025	0.025	11/03/2022	ND	0.507	101	0.500	1.93	
Total Xylenes*	<0.075	0.075	11/03/2022	ND	1.53	102	1.50	2.24	
Total BTEX	<0.150	0.150	11/03/2022	ND					
Surrogate: Dibromofluoromethane	97.1	% 86.7-11	1						
Surrogate: Toluene-d8	99.2	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	105	% 88.2-10	08						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/31/2022	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	10/31/2022	ND	173	86.7	200	0.155	
DRO >C10-C28*	1180	10.0	10/31/2022	ND	179	89.7	200	2.15	
EXT DRO >C28-C36	184	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	91.0	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	137	% 46.3-17	78						

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 & Freene



Analytical Results For:

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

Fax To:

Received: 10/26/2022 Sampling Date: 10/26/2022

Reported: 11/03/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: MEWBOURNE - RURAL JAL, NM

mg/kg

Sample ID: PF 90 @ 1' (H225059-07)

BTEX 8260B

DILX 0200D	ilig	r kg	Allalyze	u by. 143					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/03/2022	ND	0.487	97.5	0.500	0.847	
Toluene*	<0.025	0.025	11/03/2022	ND	0.480	96.0	0.500	2.48	
Ethylbenzene*	<0.025	0.025	11/03/2022	ND	0.507	101	0.500	1.93	
Total Xylenes*	<0.075	0.075	11/03/2022	ND	1.53	102	1.50	2.24	
Total BTEX	<0.150	0.150	11/03/2022	ND					
Surrogate: Dibromofluoromethane	95.1	% 86.7-11	1						
Surrogate: Toluene-d8	95.8	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	103	% 88.2-10	08						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	10/31/2022	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	10/31/2022	ND	173	86.7	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	179	89.7	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	90.0	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	78						

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. Freene



Analytical Results For:

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

Fax To:

Received: 10/26/2022 Sampling Date: 10/26/2022

Reported: 11/03/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H Sampling Condition: Cool & Intact Sample Received By: Project Number: 15507 Tamara Oldaker

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 91 @ 1' (H225059-08)

BTEX 8260B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/03/2022	ND	0.487	97.5	0.500	0.847	
Toluene*	<0.025	0.025	11/03/2022	ND	0.480	96.0	0.500	2.48	
Ethylbenzene*	<0.025	0.025	11/03/2022	ND	0.507	101	0.500	1.93	
Total Xylenes*	<0.075	0.075	11/03/2022	ND	1.53	102	1.50	2.24	
Total BTEX	<0.150	0.150	11/03/2022	ND					
Surrogate: Dibromofluoromethane	95.3	% 86.7-11	1						
Surrogate: Toluene-d8	97.3	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	103	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/31/2022	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	10/31/2022	ND	173	86.7	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	179	89.7	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	78.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.5	% 46.3-17	8						

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. Keine



Analytical Results For:

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

Analyzed By: MS

Received: 10/26/2022 Reported: 11/03/2022 Sampling Date: 10/26/2022 Sampling Type: Soil

Project Name: RED HILLS 21 FED COM 2H

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

Project Number: 15507

Project Location: MEWBOURNE - RURAL JAL, NM

mg/kg

Sample ID: PF 92 @ 1' (H225059-09)

BTEX 8260B

DILX 0200D	ilig	r kg	Allalyze	u by. 143					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/03/2022	ND	0.487	97.5	0.500	0.847	
Toluene*	<0.025	0.025	11/03/2022	ND	0.480	96.0	0.500	2.48	
Ethylbenzene*	<0.025	0.025	11/03/2022	ND	0.507	101	0.500	1.93	
Total Xylenes*	<0.075	0.075	11/03/2022	ND	1.53	102	1.50	2.24	
Total BTEX	<0.150	0.150	11/03/2022	ND					
Surrogate: Dibromofluoromethane	95.1	% 86.7-11	1						
Surrogate: Toluene-d8	97.6	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	103	% 88.2-10	08						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	10/31/2022	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	10/31/2022	ND	173	86.7	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	179	89.7	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	78.6	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	90.7	% 46.3-17	78						

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.

Celey D. Keene



Analytical Results For:

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

Analyzed By: MS

Received: 10/26/2022 Reported: 11/03/2022 Sampling Date: 10/26/2022 Sampling Type: Soil

Project Name:

BTEX 8260B

RED HILLS 21 FED COM 2H

mg/kg

Sampling Condition: Cool & Intact

Project Number: 15507

Sample Received By:

Tamara Oldaker

Project Location: MEWBOURNE - RURAL JAL, NM

Sample ID: PF 93 @ 1' (H225059-10)

BIEN GEGGE	9/	1.5	Allalyzo	u 27					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	11/03/2022	ND	0.487	97.5	0.500	0.847	
Toluene*	<0.025	0.025	11/03/2022	ND	0.480	96.0	0.500	2.48	
Ethylbenzene*	<0.025	0.025	11/03/2022	ND	0.507	101	0.500	1.93	
Total Xylenes*	<0.075	0.075	11/03/2022	ND	1.53	102	1.50	2.24	
Total BTEX	<0.150	0.150	11/03/2022	ND					
Surrogate: Dibromofluoromethane	96.2	% 86.7-11	1						
Surrogate: Toluene-d8	98.4	% 89.3-11	0						
Surrogate: 4-Bromofluorobenzene	103	% 88.2-10	8						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	10/31/2022	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	10/31/2022	ND	173	86.7	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	179	89.7	200	2.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	80.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.1	% 46.3-17	8						

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.

Celey & Freene



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.

Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101	Ea	st	Marland	l, Hob	bs,	NM	88240	
(5	75)	3	93-2326	FAX	(575	39	3-2476	į

(575) 393-2326 FAX (575) 393-2476	ortine	
Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Lance Crenshaw	P.O. #:	
Address: 2617 W Marland	Company Mewbourne	
City: Hobbs State: NM Zip: 88240	Attn: Conner Walker	
Phone #: (575) 264-9884 Fax #:	Address: 480 Business Pik Bled	
Project #: 15507 Project Owner: Men bours	City: Hobbs	
Project Name: Red Hills West 2 Fed Com 2H	State: NM Zip: 88240	Chloride FPH (8015M)
Project Location: Ruca Lea County, NM	Phone #:	Chloride TH (8015)
Sampler Name: Eric Mojica	Fax #:	Chic Chic
FOR LAB USE ONLY	ATRIX PRESERV. SAMPLING	
(G)RAB OR (C)OMP #CONTAINERS GROUNDWATER WASTEWATER	OIL SLUDGE OTHER: ACID/BASE: ICE / 690/L* OTHER:	
IPNWI-Left 32 CI	1 10.20.23	V V V
2 PNW1-Right 32' []	1 1	111
3 PNW6 CI		1 1 1
4 PF76e0-6" CI	10.25.29	1 1 1
SPF 88e) cll	1 10-26-23	111
6 PF 8901 CI		111
7 PF 90e1' CI		V / /
8 PF 9101' CI		V V /
9 PF92e) c11		111
10 PF 93e1' CII		
**************************************	e in writing and received by Cardinal within 30 days after completion of the	he applicable
Relinquished By: Relinquished By: Date: Partial Control Par	er such claim is based upon any of the above stated reasons or offerwise Phone Res Fax Result REMARKS	se. suit:
Delivered By: (Circle One)	Please er	email results and copy of CoC to pm@etechenv.com.

FORM-006 Revision 1.0



November 04, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS WEST 21 FED COM 2H

Enclosed are the results of analyses for samples received by the laboratory on 10/27/22 15:36.

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

Wite Sough

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

Sincerely,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Applyand By 14

Tux

10/27/2022

Reported: 11/04/2022

Project Name: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sampling Date: 10/27/2022

Sampling Type: Soil

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

Sample ID: PF 77 @ 4' (H225087-01)

Received:

DTEV 0021D

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.90	94.9	2.00	3.01	
Toluene*	<0.050	0.050	11/04/2022	ND	2.16	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.02	101	2.00	1.28	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.09	101	6.00	2.33	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	11/01/2022	ND	416	104	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	11/01/2022	ND	192	96.1	200	2.23	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	193	96.5	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	92.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 46.3-17	8						

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.

Me Sough



Analytical Results For:

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

Fax To:

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/04/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - JAL, NM

mg/kg

Sample ID: PF 78 @ 4' (H225087-02)

BTEX 8021B

DILX GOZID	mg/ kg		Alluly2cu Dy. 311						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.90	94.9	2.00	3.01	
Toluene*	<0.050	0.050	11/04/2022	ND	2.16	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.02	101	2.00	1.28	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.09	101	6.00	2.33	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	11/01/2022	ND	416	104	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	11/01/2022	ND	192	96.1	200	2.23	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	193	96.5	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	96.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112	% 46.3-17	8						

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.

Mile Sough



Analytical Results For:

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

Fax To:

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/04/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 79 @ 4' (H225087-03)

RTFY 8021R

SIEX 8021B	mg/kg		Anaiyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.90	94.9	2.00	3.01	
Toluene*	<0.050	0.050	11/04/2022	ND	2.16	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.02	101	2.00	1.28	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.09	101	6.00	2.33	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	11/01/2022	ND	416	104	400	3.92	
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	11/01/2022	ND	192	96.1	200	2.23	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	193	96.5	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	89.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	78						

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.

Mile Sough



Analytical Results For:

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

Fax To:

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/04/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 80 @ 3' (H225087-04)

RTFY 8021R

SIEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.90	94.9	2.00	3.01	
Toluene*	<0.050	0.050	11/04/2022	ND	2.16	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.02	101	2.00	1.28	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.09	101	6.00	2.33	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	11/01/2022	ND	416	104	400	3.92	
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	11/01/2022	ND	192	96.1	200	2.23	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	193	96.5	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	93.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	78						

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.

Mile Sough



Analytical Results For:

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

Fax To:

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/04/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 81 @ 4' (H225087-05)

RTFY 8021R

1EX 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	11/04/2022	ND	1.90	94.9	2.00	3.01	
Toluene*	<0.050	0.050	11/04/2022	ND	2.16	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.02	101	2.00	1.28	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.09	101	6.00	2.33	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	11/01/2022	ND	416	104	400	3.92	
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	11/01/2022	ND	192	96.1	200	2.23	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	193	96.5	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	107	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	124	% 46.3-17	78						

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.

Me Sough



Analytical Results For:

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

Fax To:

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/04/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 82 @ 4' (H225087-06)

RTFY 8021R

1EX 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	11/04/2022	ND	1.90	94.9	2.00	3.01	
Toluene*	< 0.050	0.050	11/04/2022	ND	2.16	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.02	101	2.00	1.28	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.09	101	6.00	2.33	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/01/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	192	96.1	200	2.23	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	193	96.5	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	87.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	78						

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.

Mile Sough



Analytical Results For:

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

Fax To:

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/04/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 83 @ 4' (H225087-07)

RTFY 8021R

Result < 0.050 < 0.050	Reporting Limit 0.050	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Oualifica
	0.050				70 1100010.7	True value Qe	KFD	Qualifier
< 0.050		11/04/2022	ND	1.90	94.9	2.00	3.01	
	0.050	11/04/2022	ND	2.16	108	2.00	1.14	
<0.050	0.050	11/04/2022	ND	2.02	101	2.00	1.28	
<0.150	0.150	11/04/2022	ND	6.09	101	6.00	2.33	
<0.300	0.300	11/04/2022	ND					
97.3	% 69.9-14	0						
mg/kg		Analyzed By: AC						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
144	16.0	11/01/2022	ND	416	104	400	3.92	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	11/01/2022	ND	192	96.1	200	2.23	
<10.0	10.0	11/01/2022	ND	193	96.5	200	4.15	
<10.0	10.0	11/01/2022	ND					
95.6	% 45.3-16	1						
111 9	% 46.3-17	8						
	<0.050 <0.150 <0.300 97.3 mg/ Result 144 mg/ Result <10.0 <10.0 95.6	<0.050 0.050 <0.150 0.150 <0.300 0.300 97.3 % 69.9-14 mg/kg Result Reporting Limit 144 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 95.6 % 45.3-16	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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.

Mile Sough



Analytical Results For:

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

Fax To:

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/04/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - JAL, NM

mg/kg

Sample ID: PF 84 @ 4' (H225087-08)

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	11/04/2022	ND	1.90	94.9	2.00	3.01	
Toluene*	<0.050	0.050	11/04/2022	ND	2.16	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.02	101	2.00	1.28	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.09	101	6.00	2.33	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	11/01/2022	ND	416	104	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	11/01/2022	ND	192	96.1	200	2.23	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	193	96.5	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	109	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	125	% 46.3-17	8						

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.

Me Sough



Analytical Results For:

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

Fax To:

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/04/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 15507 Sample Received By:

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 85 @ 4' (H225087-09)

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	11/04/2022	ND	1.90	94.9	2.00	3.01	
Toluene*	<0.050	0.050	11/04/2022	ND	2.16	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.02	101	2.00	1.28	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.09	101	6.00	2.33	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	11/01/2022	ND	416	104	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	11/01/2022	ND	192	96.1	200	2.23	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	193	96.5	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	99.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	115 9	6 46.3-17	8						

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.

with Sigh



10/27/2022

Tamara Oldaker

Analytical Results For:

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

Received: 10/27/2022 Sampling Date:

Reported: 11/04/2022 Sampling Type: Soil Cool & Intact

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Project Number: 15507 Sample Received By:

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 86 @ 4' (H225087-10)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.90	94.9	2.00	3.01	
Toluene*	<0.050	0.050	11/04/2022	ND	2.16	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.02	101	2.00	1.28	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.09	101	6.00	2.33	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/01/2022	ND	416	104	400	3.92	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	192	96.1	200	2.23	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	193	96.5	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	97.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116 9	% 46.3-17	8						

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.

with Sigh



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

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 of 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.

Mule Sough

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

Page 434 of 517

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Routine

Company Name	: Etech Environmenta									B	IL	LTO						ANA	LYSI	S RI	EQUE	ST	-	
Project Manage	r. Lance Crei	nshaw						P.C	D. #:															
Address: 261	7 W Marland							Co	mpai	ny /	Me	MOON	ne											
City: Hobbs		State: NM	Zip:	882	40			Att	n: C	oni	npi	Wall	rer	1										
Phone #: (575	5) 264-9884	Fax #:						Ad	dress	s:4	801	Businer	res SikBlu	1										
Project #:) 5	507	Project Owner	·M	0 10	hou			Cit	y: /-	1 1	165	1	211-011											
Project Name:	Red 4:11 - Wast	21 Fad C		2	H	r ne		Sta	ate:	VA	7	ip: 88 a	148		N N	18		1						
Project Location	n: R	C I N	M		, ,				one i			- P- UV-1	10	본	20	802								
Sampler Name:	Fair Maire	COURTY, 1V.	-						x #:					Chloride	TPH (8015M)	BTEX (8021B)								
FOR LAB USE ONLY	₫				RIX	pr az	PRE	SER	V.	SAMPLI	NG	1	4	BTE										
Lab I.D.	Sample I.	D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / 600L	OTHER:	DATE	TIME											
1	PF 77e4'		C			1				1	_	1-27-22		1	1	1								
Z	PF78e4"		C	T		J			,	1				V	1	1								
3	PF 7904	1	C	T		1				1				V	1	V								
4	PF 80 = 3'		C	1		V				1				V	V	V								
5	PF 81e4'		C	1		1				1				1	1	1								
6	PF 82e4'		C	1		1		10		1				V	1	1								
7	PF83e4'		C			V				1				V	1	V								
8	PF 84e4'		C	1		V				1				V	V	1								
9	PF 85e4'		C	1		1				1				1	1	1								
10	PF 8604"		C			 √ 				1				V	1	1								
analyses, All claims includi service. In the event shall of affiliates or successors arise Relinquished B	nd Demages. Cardinal's liability and clie- ing those for negligance and any other c ardinal the liable for incidental or conseq- ing out of or related to the performance.	ause whateoever shall be	loemo	d weive	d unless	made in	writing or	nd recei	ived by 0	Condin	on! with	nin 30 days afte	r completion of t	the applications, issente: assult: assult: S:	□ Ye	es C	No No	Add	I Phone I Fax #		etechei	nv.com	1.	
	· (Circle One) - Bus - Other: 5	5:/4.9	#	113	Sa	mple (Condition tact	tion			nitia	D BY:	1											

FORM-006 Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



November 07, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS WEST 21 FED COM 2H

Enclosed are the results of analyses for samples received by the laboratory on 10/28/22 15:37.

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

Applyand By 14/

Received: 10/28/2022 Reported: 11/07/2022

Project Name: RED HILLS WEST 21 FED COM 2H

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sampling Date: 10/28/2022

Sampling Type: Soil

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

Sample ID: PF 87 @ 3' (H225104-01)

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	11/04/2022	ND	2.01	101	2.00	6.30	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	7.00	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	7.01	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.44	107	6.00	7.73	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	11/01/2022	ND	432	108	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	11/01/2022	ND	194	96.8	200	1.10	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	177	88.7	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	120	% 46.3-17	8						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 10/28/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact Sample Received By: Project Number: 15507 Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 94 @ 1' (H225104-02)

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	11/04/2022	ND	2.01	101	2.00	6.30	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	7.00	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	7.01	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.44	107	6.00	7.73	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	11/01/2022	ND	432	108	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	11/01/2022	ND	194	96.8	200	1.10	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	177	88.7	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	106 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	115 %	6 46.3-17	8						

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. Keine



Analytical Results For:

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

Analyzed By: JH/

Fax To:

Received: 10/28/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

mg/kg

Sample ID: PF 95 @ 4' (H225104-03)

BTEX 8021B

DILX GOZID	ıııg,	K9	Allulyzo	.u by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	2.01	101	2.00	6.30	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	7.00	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	7.01	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.44	107	6.00	7.73	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-140	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	11/01/2022	ND	432	108	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	11/01/2022	ND	194	96.8	200	1.10	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	177	88.7	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	101 9	26 45.3-16.	1						
Surrogate: 1-Chlorooctadecane	112 9	46.3-17	8						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 10/28/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: MEWBOURNE - JAL, NM

mg/kg

Sample ID: PF 96 @ 4' (H225104-04)

BTEX 8021B

	9/	9	7	1 1 ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	2.01	101	2.00	6.30	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	7.00	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	7.01	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.44	107	6.00	7.73	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	11/01/2022	ND	432	108	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	11/01/2022	ND	194	96.8	200	1.10	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	177	88.7	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	109 5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	121 9	% 46.3-17	8						

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. Freene



Analytical Results For:

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

Fax To:

Received: 10/28/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 97 @ 1' (H225104-05)

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	11/04/2022	ND	2.01	101	2.00	6.30	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	7.00	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	7.01	GC-NC
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.44	107	6.00	7.73	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/01/2022	ND	432	108	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*	46.9	10.0	11/01/2022	ND	194	96.8	200	1.10	
DRO >C10-C28*	3750	10.0	11/01/2022	ND	177	88.7	200	3.39	
EXT DRO >C28-C36	692	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	109 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	121 9	% 46.3-17	<i>'</i> 8						

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:

Received: 10/28/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact Project Number: Sample Received By: 15507 Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 98 @ 4' (H225104-06)

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	11/04/2022	ND	2.01	101	2.00	6.30	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	7.00	GC-NC
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	7.01	
Total Xylenes*	1.87	0.150	11/04/2022	ND	6.44	107	6.00	7.73	GC-NC1
Total BTEX	1.87	0.300	11/04/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	131 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1630	16.0	11/01/2022	ND	432	108	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*	421	10.0	11/01/2022	ND	194	96.8	200	1.10	
DRO >C10-C28*	4390	10.0	11/01/2022	ND	177	88.7	200	3.39	
EXT DRO >C28-C36	658	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	151 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	121 9	% 46.3-17	8						

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



Shalyn Rodriguez

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 10/28/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact

Project Name: RED HILLS WEST 21 FED COM 2H
Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 99 @ 4' (H225104-07)

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	11/04/2022	ND	1.89	94.6	2.00	2.67	QM-07
Toluene*	<0.050	0.050	11/04/2022	ND	2.03	101	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.99	99.6	2.00	0.813	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.04	101	6.00	0.250	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	11/01/2022	ND	432	108	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	11/02/2022	ND	194	96.8	200	1.10	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	177	88.7	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	110	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	121	% 46.3-17	8						

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. Kreine



Analytical Results For:

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

Fax To:

Received: 10/28/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 100 @ 1' (H225104-08)

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	11/04/2022	ND	1.89	94.6	2.00	2.67	
Toluene*	<0.050	0.050	11/04/2022	ND	2.03	101	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.99	99.6	2.00	0.813	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.04	101	6.00	0.250	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/01/2022	ND	432	108	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	11/01/2022	ND	194	96.8	200	1.10	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	177	88.7	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	106 %	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 %	% 46.3-17	8						

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. Keine



Analytical Results For:

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

Fax To:

Received: 10/28/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 101 @ 1' (H225104-09)

RTFY 8021R

B1EX 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	11/04/2022	ND	1.89	94.6	2.00	2.67	
Toluene*	<0.050	0.050	11/04/2022	ND	2.03	101	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.99	99.6	2.00	0.813	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.04	101	6.00	0.250	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/01/2022	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	11/01/2022	ND	194	96.8	200	1.10	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	177	88.7	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	85.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.2	% 46.3-17	8						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 10/28/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact Sample Received By: Project Number: 15507 Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 102 @ 4' (H225104-10)

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	11/04/2022	ND	1.89	94.6	2.00	2.67	
Toluene*	<0.050	0.050	11/04/2022	ND	2.03	101	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.99	99.6	2.00	0.813	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.04	101	6.00	0.250	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	11/01/2022	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	11/01/2022	ND	194	96.8	200	1.10	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	177	88.7	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	97.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	6 46.3-17	8						

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:

Received: 10/28/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 103 @ 4' (H225104-11)

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	11/04/2022	ND	1.89	94.6	2.00	2.67	
Toluene*	<0.050	0.050	11/04/2022	ND	2.03	101	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.99	99.6	2.00	0.813	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.04	101	6.00	0.250	
Total BTEX	<0.300	0.300	11/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	11/01/2022	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	11/01/2022	ND	194	96.8	200	1.10	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	177	88.7	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	96.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	<i>'8</i>						

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. 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: 10/28/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 104 @ 4' (H225104-12)

RTFY 8021R

True Value QC RPD 2.00 2.67	Qualifier
2.00	
2.00 1.76	
2.00 0.813	
6.00 0.250	
True Value QC RPD	Qualifier
400 3.92	
True Value QC RPD	Qualifier
200 1.10	
200 3.39	
<u>-</u>	200 1.10

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.

Celey D. Keene

C-04



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

Analytical Results For:

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

Fax To:

Received: 10/28/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 105 @ 1' (H225104-13)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.89	94.6	2.00	2.67	
Toluene*	<0.050	0.050	11/04/2022	ND	2.03	101	2.00	1.76	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.99	99.6	2.00	0.813	
Total Xylenes*	3.26	0.150	11/04/2022	ND	6.04	101	6.00	0.250	GC-NC1
Total BTEX	3.26	0.300	11/04/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	298	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/01/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	549	10.0	11/02/2022	ND	194	96.8	200	1.10	
DRO >C10-C28*	6140	10.0	11/02/2022	ND	177	88.7	200	3.39	
EXT DRO >C28-C36	881	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	265	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	173	% 46.3-17	8						

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.

Celey D. Keine



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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

ecovery.

GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with

interfering compounds.

GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.

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 relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine

Page 16 of 17

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES

75)	393-2326	FAX (575)	393-2476	Rout	0
Ea	st mariand	i, Hodds, r	M 88240	PI	١.

	1 of à
--	--------

Company Name:	Etech Environmental & Safety Solut	tions	, Inc	3.							BI	LL TO		8					ANA	LYS	15	KEC	JUE	51				
Project Manager	Lance Crenshaw							P.(O. #:							T					T	T				T		
Address: 2617	7 W Martand							Co	mpa	any	14	enbou	12															ı
City: Hobbs	State: NM	Zip	: 88	240				Att	in: C	01	200	er Wall	er				- 1											
Phone #: (575	i) 264-9884							Ad	dres	ss:	450	Business	P. KB/rd	1						1								
Project #: 15	507 Project Owner	1:14	ew	bes	urn	e			y: /							L												
Project Name: /	Red Hills West 21 Fed Com.	21	7									Zip: 88	240	0	SM)	П	218											
Project Location	507 Project Owner Red Hills Hest 21 Fed Com. Rural Lea County, NA Eric Mojica	1							one					Chloride	TPH (8015M)		BTEX (8021B)										П	
Sampler Name:	Eric Moilica	-					_		x #:					E S	I		X										П	
FOR LAB USE ONLY	-7.		Г		MA	TR	IX		PRE	SE	RV.	SAMPL	ING		F		B			1								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	100	SLUDGE	OTHER:	ACID/BASE:	ICE / BOOK	OTHER:	DATE	TIME															
1	PF 87e 3	C	T		1	T				1		10-28-22		1	V		/											
à	PF9461	C	I		1					1				1	V		V					-						
000 4 W 97	PF95e4'	0			V					1				V	V		/											
4	PF96e4	C			1					1				V	V		V											
5	beddel,	C	1		V					1				V	1	1	/											
6	PF 98e4'	C	1		1					1				V	1		/				1					_	_	
7	PF 99 e 4	C	1		V				Ш	1				V	V	4	/		_	-	+	_			\perp	+	-	
8	PF 100e 1	C	Ш		V	1	-			√			_	/	V	4	/		_	-	+	-		_	+	+	-	-
9	PF 101e1	C	11		٧	-	-			V				1	V	+	/		-	-	+	\dashv			+	+	+	-
DI EASE NOTE: Lightifh and	PF 10 2e 4 d Damages. Cardinal's liability and client's exclusive remody for a	C	m origi	no who	ther base	d in a	ontract (or for	leds !	√ he fin	nited	to the amount no	id by the client fo	v the	V		1				_							-
analyses. All claims includin service. In no event shall Ca affiliates or successors arisin Relinquished By	ing those for negligence and any other cause wheteoever shall be included be liable for incidental or consequential damages, including go ut of or related to the performance of services hereunder by 0.	deeme g witho cardina	nd waive ut limit il, rega ecel	ed union, bridess	es made culness in of whethe	in wi	iling and options, k th claim i	rece ces of is bas	ived by f use, o sed upo	or loss on any	dinal v s of pr y of th	aithin 30 days aft roffs incurred by e above stated re	er completion of client, its subsidir	the applice arise, rise. esult: ult:	D Y				-	Phon								
Relinquished By Delivered By: Sampler - UPS	Circle One) 3.73 C.O.C.	Re	ecei	ved	By:	e Co	onditi	on		СН	ECH	(ED BY:	Please	email (resul	ts a	and c	ору	of Co	C to	pm@	gete	cher	IV.COI	m.			

FORM-006 Revision 1.0

Received by OCD: 6/7/2024 3:44:33 PM

Released to Imaging: 6/17/2024 12:53:26 PM

ARDINAL LABORATORIES

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

P		1	•	
10	VI	1	1	e

2.+2

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	: Etech Environment	tal & Safety Solut	ions	, Inc).		-				BI	LL TO						ANA	LYSIS	S RE	QUE	ST		
Project Manage	r: Lance Cren	Shaw							P.O.	#:														
Address: 261	7 W Marland								Com	pan	y M	embou	ne											
City: Hobbs		State: NM	Zip	: 88	240				Attn:	6	nne	+ Wall	ker											
Phone #: (57	5) 264-9884	Fax #:							Addr	ress	:480	Busence	Ker P.KBIrd											
Project #: /5	507	Project Owner	-1	ew	bou	rne			City:	A	660	5	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			_								
Project Name:	507 Red Hills West n: Rusa Lea Co Eric Mojica	21 Fed Co.	no	21	4				State	:/	M	Zip: 88	740	0	TPH (8015M)	BTEX (8021B)								
Project Locatio	n: Rusa Lea Co	unty. NM							Phor					Chloride	801	(80								
Sampler Name:	Eric Mosica	11							Fax i	ø:			- 1	동	Ĭ	X								
FOR LAB USE ONLY					_	MA	TRI	X	P	RES	ERV.	SAMPL	ING		=	B								
Lab I.D.	Sample I	.D.	G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	CE / BOOL	OTHER:	DATE	TIME	0.0										
11	PF 103e4		C	1	0	> 0	/	S	0			10-28-22	111112											
13	PF 10404		C	1		V			1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		100000												
13	PF 10501		C	Ì		V			1	V														
												1												
				L			L																	_
				L			-		1	-							_	-		-	-			
			_			-	-				-			-	-	-	-	-		-	-		-	-
PLEASE NOTE: Liability a	nd Damages. Cardinal's liability and cli	enf's evolucius ramady for s	ny clair	n ariai	no what	her hass	dinc	ontract c	r lost at	ad flee		n the amount no	id by the client for	The state of										
analyses. All claims Includ	Ing those for negligence and any other cardinal be liable for incidental or cone	cause whatsoever shall be	deeme	d weiv	ed unles	ss made	in will	ing and	received	d by Co	yrdinai v	ithin 30 days of	or completion of t	he applica	olde									
	ing out of or related to the performance		ardina	, rega		whethe								80.	O Ye	ae [No	[Add']	Phone	#-				
Kelinquisileu B	Α,	18-21-22		V /		1	1	. ^					Fax Resu	lt:	□ Ye		No		Fax #:	<i>m</i> .				
La Moj		Time: 37	1) K	a	X	1	0	1	1	e	1	REMARK	S:										
Relinquished B	V:	Date:	Re	cei	ved E	3y:						0												
		Time:											Please e	mail	racult.	c and	conv	of Col	o to n	m@a	tacher	w com		
Delivered By	: (Circle One) 3-7	1-0.010	0 9			ampl			on	CI		ED BY:	lease e	iridii i	coult	o ariu	copy	01 000	o to p	mage	COULCE	14.00111	•	
Sampler - UPS	- Bus - Other:	10 H 11	2		0	OOI Ve	Inta	Yes	<	5	(Init	ials)												
		2.15	0			□ N	lo L	No		0	1													



November 07, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS WEST 21 FED COM 2H

Enclosed are the results of analyses for samples received by the laboratory on 10/31/22 16:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/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: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 46 @ 1.5' (H225123-01)

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	11/07/2022	ND	1.98	99.2	2.00	2.14	
Toluene*	<0.050	0.050	11/07/2022	ND	2.08	104	2.00	2.61	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	2.01	101	2.00	2.13	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.11	102	6.00	1.66	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	11/02/2022	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	11/02/2022	ND	194	97.1	200	1.48	
DRO >C10-C28*	912	10.0	11/02/2022	ND	209	104	200	7.64	
EXT DRO >C28-C36	147	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	59.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.7	% 46.3-17	8						

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 & Keene



Tamara Oldaker

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 47 @ 1.5' (H225123-02)

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	11/07/2022	ND	1.98	99.2	2.00	2.14	
Toluene*	<0.050	0.050	11/07/2022	ND	2.08	104	2.00	2.61	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	2.01	101	2.00	2.13	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.11	102	6.00	1.66	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/02/2022	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	11/02/2022	ND	194	97.1	200	1.48	
DRO >C10-C28*	651	10.0	11/02/2022	ND	209	104	200	7.64	
EXT DRO >C28-C36	115	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	67.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.8	% 46.3-17	8						

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 & Freene



Analytical Results For:

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

Fax To:

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 48 @ 1.5' (H225123-03)

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	11/07/2022	ND	1.98	99.2	2.00	2.14	
Toluene*	<0.050	0.050	11/07/2022	ND	2.08	104	2.00	2.61	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	2.01	101	2.00	2.13	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.11	102	6.00	1.66	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/02/2022	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	11/02/2022	ND	194	97.1	200	1.48	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	209	104	200	7.64	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	74.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.5	% 46.3-17	8						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 49 @ 1.5' (H225123-04)

Analyte Result Reporting Limit Analyzed Method Blank BS % Recover	2.00 2.00 2.00 2.00	2.14	Qualifier
Toluene* < 0.050 0.050 11/07/2022 ND 2.08 104 Ethylbenzene* < 0.050 0.050 11/07/2022 ND 2.01 101 Total Xylenes* < 0.150 0.150 11/07/2022 ND 6.11 102 Total BTEX < 0.300 0.300 11/07/2022 ND Surrogate: 4-Bromofluorobenzene (PID 96.5 % 69.9-140 Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovered By: MS TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovered By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovered By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovered By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovered By: MS	2.00		
Ethylbenzene* < 0.050		2.64	
Total Xylenes* < 0.150 0.150 11/07/2022 ND 6.11 102 Total BTEX < 0.300	2.00	2.61	
Total BTEX <0.300 0.300 11/07/2022 ND Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140 Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recover Chloride 144 16.0 11/02/2022 ND 432 108 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recover GRO C6-C10* <10.0		2.13	
Surrogate: 4-Bromofluorobenzene (PID 96.5 % 69.9-140 Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovered by: MS Chloride 144 16.0 11/02/2022 ND 432 108 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovered by: MS GRO C6-C10* <10.0	6.00	1.66	
Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovered by: MS Chloride 144 16.0 11/02/2022 ND 432 108 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovered by: MS GRO C6-C10* <10.0			
Analyte Result Reporting Limit Analyzed Method Blank BS % Recover Chloride 144 16.0 11/02/2022 ND 432 108 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recover GRO C6-C10* <10.0 10.0 11/02/2022 ND 194 97.1			
Chloride 144 16.0 11/02/2022 ND 432 108 TPH 8015M mg/kg Analyzed By: MS Method Blank BS % Recover Analyte Result Reporting Limit Analyzed Method Blank BS % Recover GRO C6-C10* <10.0			
TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovered by: MS GRO C6-C10* <10.0	ery True Value QC	C RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recover GRO C6-C10* <10.0 10.0 11/02/2022 ND 194 97.1	400	0.00	
GRO C6-C10* <10.0 10.0 11/02/2022 ND 194 97.1			
· ·	ery True Value QC	C RPD	Qualifier
DRO >C10-C28* 730 10.0 11/02/2022 ND 209 104	200	1.48	
· ·	200	7.64	
EXT DRO >C28-C36 138 10.0 11/02/2022 ND			
Surrogate: 1-Chlorooctane 69.7 % 45.3-161			
Surrogate: 1-Chlorooctadecane 138 % 46.3-178			

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 50 @ 1.5' (H225123-05)

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	11/07/2022	ND	1.98	99.2	2.00	2.14	
Toluene*	<0.050	0.050	11/07/2022	ND	2.08	104	2.00	2.61	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	2.01	101	2.00	2.13	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.11	102	6.00	1.66	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	11/02/2022	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	11/02/2022	ND	194	97.1	200	1.48	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	209	104	200	7.64	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	72.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.3	% 46.3-17	8						

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. Keine



Analytical Results For:

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

Fax To:

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 51 @ 1.5' (H225123-06)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.98	99.2	2.00	2.14	
Toluene*	<0.050	0.050	11/07/2022	ND	2.08	104	2.00	2.61	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	2.01	101	2.00	2.13	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.11	102	6.00	1.66	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	11/02/2022	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	196	98.2	200	2.98	
DRO >C10-C28*	15.5	10.0	11/02/2022	ND	192	96.2	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	70.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	70.0	% 46.3-17	<i>'</i> 8						

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. Keene



Analytical Results For:

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

Fax To:

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 52 @ 1.5' (H225123-07)

RTFY 8021R

BIEX 8021B	mg/kg		Anaiyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.98	99.2	2.00	2.14	
Toluene*	<0.050	0.050	11/07/2022	ND	2.08	104	2.00	2.61	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	2.01	101	2.00	2.13	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.11	102	6.00	1.66	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/02/2022	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	196	98.2	200	2.98	
DRO >C10-C28*	351	10.0	11/02/2022	ND	192	96.2	200	4.92	
EXT DRO >C28-C36	143	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	86.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 53 @ 1.5' (H225123-08)

BTEX 8021B

DILX GOZID	mg/kg		Andryzo	Analyzea by: 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.98	99.2	2.00	2.14	
Toluene*	<0.050	0.050	11/07/2022	ND	2.08	104	2.00	2.61	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	2.01	101	2.00	2.13	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.11	102	6.00	1.66	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	11/02/2022	ND	432	108	400	3.64	
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	11/02/2022	ND	196	98.2	200	2.98	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	192	96.2	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	90.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.9	% 46.3-17	8						

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. Keene



Analytical Results For:

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

Fax To:

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 54 @ 1.5' (H225123-09)

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	11/07/2022	ND	1.98	99.2	2.00	2.14	
Toluene*	<0.050	0.050	11/07/2022	ND	2.08	104	2.00	2.61	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	2.01	101	2.00	2.13	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.11	102	6.00	1.66	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	11/02/2022	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	196	98.2	200	2.98	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	192	96.2	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	82.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.8	% 46.3-17	8						

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.

Celeg D. Keine



Analytical Results For:

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

Fax To:

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 55 @ 1.5' (H225123-10)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.98	99.2	2.00	2.14	
Toluene*	<0.050	0.050	11/07/2022	ND	2.08	104	2.00	2.61	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	2.01	101	2.00	2.13	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.11	102	6.00	1.66	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	11/02/2022	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	196	98.2	200	2.98	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	192	96.2	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	82.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.6	% 46.3-17	8						

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:

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 56 @ 1.5' (H225123-11)

RTFY 8021R

B1EX 8021B	тд/кд		Anaiyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.98	99.2	2.00	2.14	
Toluene*	<0.050	0.050	11/07/2022	ND	2.08	104	2.00	2.61	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	2.01	101	2.00	2.13	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.11	102	6.00	1.66	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	11/02/2022	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	196	98.2	200	2.98	
DRO >C10-C28*	11.3	10.0	11/02/2022	ND	192	96.2	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	82.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.5	% 46.3-17	8						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 57 @ 1.5' (H225123-12)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	1.98	99.2	2.00	2.14	
Toluene*	<0.050	0.050	11/07/2022	ND	2.08	104	2.00	2.61	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	2.01	101	2.00	2.13	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.11	102	6.00	1.66	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/02/2022	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	196	98.2	200	2.98	
DRO >C10-C28*	312	10.0	11/02/2022	ND	192	96.2	200	4.92	
EXT DRO >C28-C36	89.5	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	83.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.3	% 46.3-17	78						

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. Keine



Analytical Results For:

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

Fax To:

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 58 @ 1.5' (H225123-13)

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	11/07/2022	ND	1.98	99.2	2.00	2.14	
Toluene*	<0.050	0.050	11/07/2022	ND	2.08	104	2.00	2.61	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	2.01	101	2.00	2.13	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.11	102	6.00	1.66	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/02/2022	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	196	98.2	200	2.98	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	192	96.2	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	80.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.1	% 46.3-17	8						

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:

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 59 @ 1.5' (H225123-14)

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	11/07/2022	ND	1.98	99.2	2.00	2.14	
Toluene*	<0.050	0.050	11/07/2022	ND	2.08	104	2.00	2.61	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	2.01	101	2.00	2.13	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.11	102	6.00	1.66	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	11/02/2022	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	196	98.2	200	2.98	
DRO >C10-C28*	690	10.0	11/02/2022	ND	192	96.2	200	4.92	
EXT DRO >C28-C36	174	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	73.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.2	% 46.3-17	8						

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.

Celey & Keene

Celey D. Keene, Lab Director/Quality Manager



Sample Received By:

10/31/2022

Tamara Oldaker

Analytical Results For:

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

Fax To:

Received: 10/31/2022 Sampling Date:

Reported: 11/07/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 60 @ 1.5' (H225123-15)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	2.00	100	2.00	0.388	
Toluene*	<0.050	0.050	11/07/2022	ND	2.09	105	2.00	0.129	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	2.03	101	2.00	0.699	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.21	103	6.00	2.08	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	11/02/2022	ND	432	108	400	3.64	
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	11/02/2022	ND	196	98.2	200	2.98	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	192	96.2	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	77.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.1	% 46.3-17	8						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 61 @ 1.5' (H225123-16)

RTFY 8021R

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2022	ND	2.00	100	2.00	0.388	
Toluene*	<0.050	0.050	11/07/2022	ND	2.09	105	2.00	0.129	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	2.03	101	2.00	0.699	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.21	103	6.00	2.08	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	11/02/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	196	98.2	200	2.98	
DRO >C10-C28*	93.7	10.0	11/02/2022	ND	192	96.2	200	4.92	
EXT DRO >C28-C36	22.9	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	87.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.2	% 46.3-17	8						

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. Keene



Analytical Results For:

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

Fax To:

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 62 @ 1.5' (H225123-17)

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	11/07/2022	ND	2.00	100	2.00	0.388	
Toluene*	<0.050	0.050	11/07/2022	ND	2.09	105	2.00	0.129	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	2.03	101	2.00	0.699	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.21	103	6.00	2.08	
Total BTEX	<0.300 0.300		11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/02/2022	ND	432	108	400	3.64	
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	11/02/2022	ND	196	98.2	200	2.98	
DRO >C10-C28*	78.5	10.0	11/02/2022	ND	192	96.2	200	4.92	
EXT DRO >C28-C36	17.4	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	81.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.4	% 46.3-17	8						

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



10/31/2022

Tamara Oldaker

Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 10/31/2022 Sampling Date:

Reported: 11/07/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact

Project Number: 15507 Sample Received By:

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 63 @ 1.5' (H225123-18)

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.150	Reporting Limit 0.050 0.050 0.050	Analyzed 11/07/2022 11/07/2022	Method Blank ND ND	BS 2.00	% Recovery	True Value QC 2.00	RPD 0.388	Qualifier
<0.050 <0.050	0.050				100	2.00	0.388	
<0.050		11/07/2022	ND					
	0.050			2.09	105	2.00	0.129	
<0.150		11/07/2022	ND	2.03	101	2.00	0.699	
		11/07/2022	ND	6.21	103	6.00	2.08	
X <0.300		11/07/2022	ND					
94.8	% 69.9-14	0						
mg	'kg	Analyze	d By: AC					
Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
80.0 16.0		11/02/2022	ND	432	108	400	3.64	
mg	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	11/02/2022	ND	196	98.2	200	2.98	
<10.0	10.0	11/02/2022	ND	192	96.2	200	4.92	
<10.0	10.0	11/02/2022	ND					
99.9	% 45.3-16	1						
	Result 80.0 mg/ Result <10.0 <10.0 <10.0	80.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0	Result Reporting Limit Analyzed 80.0 16.0 11/02/2022 mg/kg Analyze Result Reporting Limit Analyzed <10.0	Result Reporting Limit Analyzed Method Blank 80.0 16.0 11/02/2022 ND mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank <10.0	Result Reporting Limit Analyzed Method Blank BS 80.0 16.0 11/02/2022 ND 432 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0	Result Reporting Limit Analyzed Method Blank BS % Recovery 80.0 16.0 11/02/2022 ND 432 108 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 80.0 16.0 11/02/2022 ND 432 108 400 mg/ky Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 80.0 16.0 11/02/2022 ND 432 108 400 3.64 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <10.0

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 & Frence



Analytical Results For:

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

Fax To:

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 64 @ 1.5' (H225123-19)

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	11/07/2022	ND	2.00	100	2.00	0.388	
Toluene*	<0.050	0.050	11/07/2022	ND	2.09	105	2.00	0.129	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	2.03	101	2.00	0.699	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.21	103	6.00	2.08	
Total BTEX	<0.300 0.300		11/07/2022 ND						
Surrogate: 4-Bromofluorobenzene (PID	91.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/02/2022	ND	432	108	400	3.64	
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	11/02/2022	ND	196	98.2	200	2.98	
DRO >C10-C28*	266	10.0	11/02/2022	ND	192	96.2	200	4.92	
EXT DRO >C28-C36	67.3	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	85.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	% 46.3-17	8						

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



Tamara Oldaker

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 65 @ 1.5' (H225123-20)

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	11/07/2022	ND	2.00	100	2.00	0.388	
Toluene*	<0.050	0.050	11/07/2022	ND	2.09	105	2.00	0.129	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	2.03	101	2.00	0.699	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.21	103	6.00	2.08	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	16.0 11/02/2022		432	108	400	3.64	
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	11/02/2022	ND	196	98.2	200	2.98	
DRO >C10-C28*	66.3	10.0	11/02/2022	ND	192	96.2	200	4.92	
EXT DRO >C28-C36	13.4	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	93.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.9	% 46.3-17	8						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 10/31/2022 Sampling Date: 10/31/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PEW 7 (H225123-21)

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	11/07/2022	ND	2.00	100	2.00	0.388	
Toluene*	<0.050	0.050	11/07/2022	ND	2.09	105	2.00	0.129	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	2.03	101	2.00	0.699	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.21	103	6.00	2.08	
Total BTEX	<0.300 0.300		11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/02/2022	ND	432	108	400	3.64	
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	11/02/2022	ND	196	98.2	200	2.98	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	192	96.2	200	4.92	
EXT DRO >C28-C36	<10.0 10.0		11/02/2022	ND					
Surrogate: 1-Chlorooctane	76.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.4	% 46.3-17	8						

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



Sample Received By:

Tamara Oldaker

Analytical Results For:

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

Fax To:

 Received:
 10/31/2022
 Sampling Date:
 10/31/2022

 Reported:
 11/07/2022
 Sampling Type:
 Soil

Reported: 11/07/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact

Project Number: 15507

Project Location: MEWBOURNE - JAL, NM

Sample ID: PNW 7 (H225123-22)

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	11/07/2022	ND	2.00	100	2.00	0.388	
Toluene*	<0.050	0.050	11/07/2022	ND	2.09	105	2.00	0.129	
Ethylbenzene*	<0.050	0.050	11/07/2022	ND	2.03	101	2.00	0.699	
Total Xylenes*	<0.150	0.150	11/07/2022	ND	6.21	103	6.00	2.08	
Total BTEX	<0.300	0.300	11/07/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192 16.0		11/02/2022	ND	432	108	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	11/02/2022	ND	196	98.2	200	2.98	
DRO >C10-C28*	247	10.0	11/02/2022	ND	192	96.2	200	4.92	
EXT DRO >C28-C36	61.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	77.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.8	% 46.3-17	<i>'</i> 8						

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.

Celey 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. Keine

Page 25 of 27

E.					
Co.	ARDIN	ALL	ABO	RATO	RIES
	101 Fa	est Mai	rland H	lobbs N	IM 882

(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Poutine	10+3

Company Name: Etech Environmental	& Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Lance Creash	AW	P.O. #:	TO NEGUES!
Address: 2617 W Marland		Company Men bourne	
City: Hobbs	State: NM Zip: 88240	Attn: Conner Walker Address 480/Business PrkB	
	Fax #:	Address 480/Busines, Pok B	
Project #: 15507	Project Owner: Me W Days AP	City: Hobbs	
Project #: 15507 Project Name: Red Hills West of Project Location: Russ Lea Co	DI Fed Can 2H	State: NM Zip: 88240	19 (M) (B)
Project Location: Puggl /20 Ca	T. NM	Phone #:	902 015 0015 0015 0015 0015 0015 0015 001
Sampler Name: Eric Mojica	(AIX)	Fax #:	Chloride TPH (8015M) BTEX (8021B)
FOR LAB USE ONLY	MAT		
Lab I.D. Sample I.I.	DUNT STEV	SLUDGE OTHER: ACID/BASE: ICE / 600L OTHER:	
1 PF 460 1/2	CIV	1 10-31-22	
2 PF 470 1/2'	CIIV	1	
3 PF 48011/2	CIIV		111
4 PF 490 11/2'	CIIV	V	/ / /
5 PF 50el'/2	CII		
4 PF 51e11/2	CIIV	1	111
7 PF 52e1/2	CIIV		
8 PF 53e 11/2'	CIII	1	
9 PF 54el/2	CIIIV		111
10 PF 55e 1/2	CIII		
analyses. All claims including those for negligence and any other ca	its exclusive remedy for any claim arising whether based in suse whatsouver shall be deemed welved unless made in	riting and received by Cerdinal within 30 days after completion of the s	e applicable
service. In no event shall Cardinal be liable for incidental or consequalifiliates or successors arising out of or related to the performance of Relinquished By: Relinquished By:	Date: Received By: Date: Received By: Received By:	sphons, loss of use, or loss of profils incurred by client, its substitutions the claim is based upon any of the above stated reasons or otherwise. Phone Result: REMARKS:	ult: Yes No Add'l Phone #-
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Time: #//3 Sample Cool Good Good	ondition CHECKED BY: (Initials) Please em. (Initials) No TO	nail results and copy of CoC to pm@etechenv.com.

Revision 1.0

A T						
A	RDIN	IALL	ABC	RAT	OR	ES
-	101 E	ast Ma	rland,	Hobbs	, NM	8824

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

mpany Name:	(575) 393-2326 FAX Etech Environmental		-			tuck	· n	e			DIT.	LL TO							0	0	+3		
oject Manager			0110,					P	2.0.	-	2010	10				T	AN	ALYS	SIS R	EQU	JEST		
	W Marland	nsw						-	-	_	M	enbou											
y: Hobbs		State: NM	Zip:	882	240			A	ttn:	C	1/1	2 1/2	Kac	1									
one #: (575		Fax #:						A	ddr	ess:	UN	0/ 13.00	Ker en fik	8/_/									
ject #: / 5	507	Project Owner	·M	0	50	uch	e	C	ity:	H	65	25	100 1110	1.70									
ject Name:	Red Hills West	21 Fed (OM	0	2 4			-	-	-the	-	Zip: 88	240		W	18				1			
ect Location	So7 Red Hills West Pural Les Con	aty. NA	1		in hole					ne #:				Chloride	TPH (8015M)	3TEX (8021B)							
pler Name:	Eric Mojica	11						F	ax	li:				Š	H	X			1				
LAB USE ONLY	ABUSE ONLY MATRIX					7	P	RESI	ERV.	SAMPL	ING		4	18			1				1		
.ab I.D.	Sample I.I.).	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER:	ICE / COOL	OTHER:	DATE	TIME										
11	23 (g) # 85 NN NS (E) WS NN NS							I	V		10.31-22		1	1	1		1	1	+	-	-	-	
12	PF 5701/2		C	1		1			1									+-	-	-			
13	PF 580 1/2		C	1		1		-	1					1	V	/				1	1	-	-
14	PF 590 1/2		C	1	1	V	-	+	1					V	V	1							1
15	DE /101/2		C	1	+	1		+	+	1	-	\rightarrow		V	V	/	-	-	-				
17	PF 620 1/2		C	+	1	V		+	+	1				V	1	1	-	+-	-				
18	PF 63e 11/2		C	1		J		1	1	1				1	1	1	-	+-	+	+	-		
19	PF 640 11/2		C	j		J				V	1			1	1	1	-	+	+	+	-	-	-
20	PF 65011/2		C			V				1				1	V	1		+	-	+	+-+	-	-
to see support about O	ng those for negligence and any other ca	andal demana hadadha	deeme	d walve	ed unless	made in	writing	and re	eceived	a or los	no of on	raffin innument has	Sant to make the con-		le								_
s or successors arisi	ing out of or related to the performance of	f services hereunder by C	ardina	regar	dless of	whether	such c	aim is I	based	upon a	ny of the	above stated re	Phone Res).	l'i Va								
P. M.	N.	Time: 36	6		1	Pul	14	rea	1	1	Ha	H	Fax Result REMARKS	:	☐ Yes		-	I Phone I Fax #:					
inquished B	φ.	Date:	Ke	eceiv	red B	V:							Please	noi!	out-								
	: (Circle One) - Bus - Other:	6c/5.0	#1	13	C	mple ool Yes	Intac	t .	n	СН	(Initi		Please er	iiali re	SURS	and cop	y of Co	C to p	m@et	echen	v.com.		

Received by OCD: 6/7/2024 3:44:33 PM

Revision 1.0

RDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Company Name: Etech Environmental & Safety Solutions, Inc.						+	in	e												3	of	3			
Company Name	: Etech Environmental & Safety Solu	tions	, Inc							7	BI	LL TO						ANA	LYS	SR	EQUE	ST			
Project Manage	"Lance Crenshaw								0. #.				J												
Address: 261	7 W Marland							Co	mp	any	M	lewbou	rne												
City: Hobbs	State: NM	Zip	: 88	240				Att	tn: /	Con	11	lewbou er Wall Buine.	ker												
	5) 264-9884 Fax #:							Ad	dre	ss:	180	Bwine.	PrkBlu	V				1							
Project #:) 5	507 Project Owne	r: ^	le,	bo	rn	2		Cit	ty:/-	100	66.	5			_	-									
Project Name:	Red Aills West 2 Fed G Project Owne Red Aills West 2 Fed G Project Owne Red Aills West 2 Fed G Project Owne Red Aills West 2 Fed G Project Owne	M	2	H				Sta	ate:	N	4	Zip: 88	240	9	TPH (8015M)	BTEX (8021B)									
Project Location	": Rujal Lea Louaty, NA	1						Ph	one	#:			1	Chloride	801	(80								1	
Sampler Name:	Eric Maiica							Fa	x #:					5	H	X			1					1	
FOR LAB USE ONLY	3				M.A	TRI	X		PRI	ESE	RV.	SAMPLI	NG		F	8									
Lab I.D. H225123	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / 889E	OTHER:	DATE	TIME												
	PEW7 PNW7	C	1		V					V		10-31-22		1	V	V									
21	PNWT	C	1		V					1				~	1	1									
		1	L		_	-		_								-	-	-	-	-				_	
		-	-		+	+	-	-						-	-	-	-	-	-	-	-	-	-	-	
		+	-	-	+	+	+			_				-	-	+	-	+	-	+	+		-		
		+	-		+	+	-	-	-	-	-	-		-	-	-	+	+	+	+	+	-	-	-	
		+	-		+	+	+	-		-				-	-	-	+	+	+	+	+	-	-	-	
		+	1	-	+	+	+		7		-			-	-	+	+	+	+	+	+		-	-	
nalyses. All claims include ervice. In no event shall C	nd Damages. Cardinal's liability and client's exclusive remody for ng these for negligence and any other cause whatsower shall be ardinal be liable for incidental or consequental damages, including out of or related to the performance of services hereunder by the control of t	g witho	d waiv ut limit i, rega ecei	ed unles ation, but	s made siness i whether y:	in writ morrup	ing and	d rece loss o	fune, o	y Card or loss	final w	ithin 30 days after	completion of the	he applica ries, se. sult: lt:	D Y		□ No		Phone Fax #						
Delivered By:	Time: (Circle One) - Bus - Other: 5,6 2 /5,6	#	112	ž Si	ampl ool	e Co	onditi act Ye	ion	<			(ED BY:	Please e	email r	result	s and	і сору	of Co	C to p	om@e	eteche	nv.com			

FORM-006 Revision 1.0 † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



November 07, 2022

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

RE: RED HILLS WEST 21 FED COM 2H

Enclosed are the results of analyses for samples received by the laboratory on 11/03/22 15:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/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: 11/03/2022 Sampling Date: 11/02/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 1 @ 6' (H225203-01)

Chloride, SM4500CI-B	mg	mg/kg		d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/04/2022	ND	416	104	400	0.00	
Sample ID: PF 3 @ 6' (H2	25203-02)								
Chloride, SM4500CI-B	de, SM4500Cl-B mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/04/2022	ND	416	104	400	0.00	
Sample ID: PF 5 @ 6' (H2	25203-03)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	11/04/2022	ND	416	104	400	0.00	
Sample ID: PF 6 @ 6' (H2	25203-04)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 11/03/2022 Sampling Date: 11/02/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 7 @ 6' (H225203-05)

Chloride, SM4500Cl-B	l-B mg/kg			Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	11/04/2022	ND	416	104	400	0.00	

Sample ID: PNW 1 - LEFT 32 - A (H225203-06)

TPH 8015M	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	BS % Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	196	97.8	200	1.35	
DRO >C10-C28*	37.9	10.0	11/06/2022	ND	186	93.1	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					
Surrogate: 1-Chlorooctane	101 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 %	6 46.3-17	<i>'</i> 8						

Sample ID: PNW 1 - RIGHT 32 - A (H225203-07)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	196	97.8	200	1.35	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	186	93.1	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					
Surrogate: 1-Chlorooctane	88.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 11/03/2022 Sampling Date: 11/03/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 89 @ 2' (H225203-08)

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	11/06/2022	ND	196	97.8	200	1.35	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	186	93.1	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					
Surrogate: 1-Chlorooctane	100	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	115	% 46.3-17	8						

Sample ID: PWW 6 - A (H225203-09)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	3S % Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	196	97.8	200	1.35	
DRO >C10-C28*	33.2	10.0	11/06/2022	ND	186	93.1	200	0.414	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					
Surrogate: 1-Chlorooctane	87.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

Sample ID: PF 12 @ 7' (H225203-10)

Chloride, SM4500Cl-B	Analyzed By: GM								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/04/2022	ND	416	104	400	0.00	

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.

Celey D. Keene



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.

Celeg D. Freene

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 Routine

Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Lance Crenshaw	P.O. #:	
Address: 2617 W Marland	Company Mewbourne	
City: Hobbs State: NM Zip: 88240	Attn: Conner Walker	
Phone #: (575) 264-9884 Fax #:	Address: 4801 Businew Pik Blad	
Project #: 15507 Project Owner: Membourne	City: Hobbs	
Project Name: Red Hills West 21 Fed Com 2H	State: NM Zip: 88240	8 SW)
Project Name: Red Hills West 21 Fed Com 2H Project Location: Rycal Lea County, NM Sampler Name: Eric Mojica	Phone #:	Chloride TPH (8015M) BTEX (8021B)
Sampler Name: Eric Molica	Fax #:	를 보고 M
FOR LAB USE ONLY MATRIX	PRESERV. SAMPLING	
#22229 CG)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	EM EM
1 PFIeb CII V	1 11-2-22	
2 PF3e6' CII V	V	
3 PF 5e6' CI 1	V	1
4 PF6e6 CII V	1	J
5 PF7e6' CII 1	1	
6 PNW-Left 32-A CI V	1 11-3-22	
7 PNW1-Right 32-A CI V	1	√
8 PF 8902" CII V	1	
9 PWW6-A CIV	1	
HEASE MATE LIMITE OF THE COLUMN COLUM		
PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether bessed in country states. All cleims including those for negligence and any other cause whetboever shall be deemed weived unless sands in writing cervice. In no event shall be deemed unless and in writing cervice, in no event shall cardinal be liable for incidental or consequental damages, including whithout limblation, business interrupt infiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such Relinquished By: Date: Date:	g and received by Cerdinal within 30 days after completion of the nex, toss eff-use, or loss of profits incurred by client, its substitute laim is based upon any of the above stated reasons or otherwise. Phone Research	ne applicable fee, fee, suit:
Delivered By: (Circle One) (1.10) C. O. O. Sample Con Cool Inta	dition CHECKED BY: tt (Initials)	



November 09, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS WEST 21 FED COM 2H

Enclosed are the results of analyses for samples received by the laboratory on 11/04/22 14:49.

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

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: 11/04/2022 Sampling Date: 11/03/2022

Reported: 11/09/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 13 @ 7' (H225231-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	11/08/2022	ND	432	108	400	0.00	
Sample ID: PF 14 @ 7' (H	l225231-02)								
Chloride, SM4500CI-B	oride, SM4500CI-B mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	11/08/2022	ND	416	104	400	3.92	
Sample ID: PF 16 @ 5' (H Chloride, SM4500Cl-B	-	/kg	Analyze	d By: GM					
·			-	-					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	11/08/2022	ND	416	104	400	3.92	
Sample ID: PF 20 @ 5' (H	l225231- 0 4)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/08/2022	ND	416	104	400	3.92	

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.

Celey & Keene



Analytical Results For:

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

Fax To:

Received: 11/04/2022 Sampling Date: 11/03/2022

Reported: 11/09/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Chloride, SM4500CI-B	mg	mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS % Recovery	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	11/08/2022	ND	416	104	400	3.92	
Sample ID: PF 36 @ 6' (H	1225231-06)								
Sample ID: PF 36 @ 6' (H Chloride, SM4500Cl-B	1225231-06) mg	/kg	Analyze	d By: GM					
•	-	/kg Reporting Limit	Analyze Analyzed	d By: GM Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride, SM4500CI-B	mg				BS 416	% Recovery	True Value QC 400	RPD 3.92	Qualifier

Chloride, SM4500Cl-B mg/kg			Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/08/2022	ND	416	104	400	3.92	

Sample ID: PF 38 @ 6' (H225231-08)

Chloride, SM4500CI-B	SM4500Cl-B mg/kg			Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/08/2022	ND	416	104	400	3.92	

Sample ID: PF 40 @ 6' (H225231-09)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	11/08/2022	ND	416	104	400	3.92	

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.

Celeg D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/09/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 43 @ 6' (H225231-10)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	11/08/2022	ND	416	104	400	3.92	

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.

Celey 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. Keine

RDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 R. J.

Company Name	: Etech Environmental & Safety	Solutions	, Inc).			BI	LL TO					ANA	LYSIS	REC	QUES.	1	
Project Manager	r: Lance Crenshaw					P.O. #												
	7 W Marland					Comp	any /	leubor	10									
City: Hobbs	State: NI	/ Zip	88	240	1	Attn: (OAAG	v Walk	er									
	5) 264-9884 Fax #:					Addre	ss: 480	Business	PrkBlud									
Project #: 15	507 Project 0	wner:M	ew	bourne		City:	H-6	15					İ					1 1
Project Name:	507 Project O Red Hills West 21 Fed C n: Rucal Lea County, No Eric Mojica	on 24				State:	NM	Zip: 88	246		TPH (8015M)	BTEX (8021B)						
Project Location	n: Ruce Len County N	M				hone				Chloride	801	(80						
Sampler Name:	Eric Moissa					ax #:				S	Ĭ	X				1		
FOR LAB USE ONLY			Г	MATR	IX	PR	ESERV	SAMPLI	NG		1	18	1					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER SOIL	SLUDGE	ACID/BASE:	ICE / 880t OTHER:		TIME									
1	PF13e7	C	1	1			1	11-3-22		1								
334	PF 1407	C	1	1			1			1								
3	PF 16 e 5	С	1	1			1			1			-					1
9	PF20°5	C	1	V	\perp	-	1			1	_	-	-	-		-	-	+
	PF33e5	C	П	1	-	-	1			1	_		-	-		-	-	+++
Y	PF 3606	C	Ц	V	-	1	1	111 11 00	1	/	-		_	-		-	-	+-+
-	PF 37e6	C	1	√	++	+	V	11.4.22		V	-		-	-	-	-	-	+-+
<u> </u>	PF3806	C	1	✓	++	+	1			1	-	-	-	-	-	-	-	+-+
4	PF 4006	C	H	V	+	+	1			1			-	-		-	+	+
PLEASE NOTE: Liability an	nd Damages. Cardinar's fiability and client's exclusive rem	C adv for any clair	n arisi	ng whether based in	contract or	tort, shall	be limited	to the amount par	by the client for	the								
analyses. All claims including	ng those for negligence and any other cause whatscover ardinal be liable for incidental or consequental stemages,	shall be deame	d weie	ed unless made in w	ling and r						ble							
affiliates or successors arising Relinquished By	ng out of or related to the performance of services hereux	der by Cardina	, rega							sult:	□ Ye			Phone Fax #:	#:			
Relinguished By	v: Date:		cei	ved By:	1	Ju		1										
	Time:							0	Please e	mail r	esults	and co	ny of Co	C to n	m@ete	cheny	com.	
Delivered By:	(Circle One) 212 C-O	و عا		Sample Cool In			CHEC	KED BY:	10000	T. TOUTH	Count	J. 1114 00	, 0. 00	o to pi			031111	

FORM-006 Revision 1.0

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



November 10, 2022

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: RED HILLS WEST 21 FED COM 2H

Enclosed are the results of analyses for samples received by the laboratory on 11/08/22 15:28.

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

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: 11/08/2022 Sampling Date: 11/08/2022

Reported: 11/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 77 @ 8' (H225276-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	11/09/2022	ND	432	108	400	3.77	
Sample ID: PF 78 @ 8' (H	225276-02)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	11/09/2022	ND	432	108	400	3.77	
Sample ID: PF 79 @ 8' (H	225276-03)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride									
	48.0	16.0	11/09/2022	ND	432	108	400	3.77	
Sample ID: PF 80 @ 8' (H		16.0	11/09/2022	ND	432	108	400	3.77	
Sample ID: PF 80 @ 8' (H Chloride, SM4500CI-B				ND d By: GM	432	108	400	3.77	
•	225276-04)				432 BS	108 % Recovery	400 True Value QC	3.77 RPD	Qualifier

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.

Celey & Keene



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW

2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 11/08/2022 Sampling Date: 11/08/2022

Reported: 11/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

304

16.0

Sample ID: PF 84 @ 5' (H225276-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	11/09/2022	ND	432	108	400	3.77	
Sample ID: PF 87 @ 5' (H	1225276-06)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

ND

432

108

400

3.77

Sample ID: PF 95 @ 6' (H225276-07)

Chloride

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/09/2022	ND	432	108	400	3.77	

11/09/2022

Sample ID: PF 96 @ 5' (H225276-08)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/09/2022	ND	432	108	400	3.77	

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 11/08/2022 Sampling Date: 11/08/2022

Reported: 11/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 98 @ 5' (H225276-09)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/09/2022	ND	432	108	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	11/09/2022	ND	200	100	200	0.699	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	179	89.3	200	0.818	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					
Surrogate: 1-Chlorooctane	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	122	% 46.3-17	8						

Sample ID: PF 99 @ 6' (H225276-10)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	11/09/2022	ND	432	108	400	3.77	

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.

Celey D. Keene



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. Keene

Page 6 of 6

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101	Ca	5t 1	warian	a, I	HOL	DS,	NIM	88240	,
(5	75)	39	3-2326	F	AX	(575	39	3-2476	

Company Name	: Etech Environmental & Safety S	olutions	, Inc	C.					£	31L	LTO						ANA	LYSI	SR	EQUE	ST			
Project Manager	: Lance Crenshaw						P	.0. #	:															
Address: 261							C	omp	any	M.	eubou	110												
City: Hobbs	State: NM	Zip	: 88:	240			A	ttn:	Can	100	- Wal	ker sofikø	. 1										. 1	
Phone #: (575	5) 264-9884 Fax #:						A	ddre	ss:4	80	1 Russia	P. KB	1											
Project #: 15	5 0 7 Project Ow	ner: M		1			C	ity: /	4.	11.		-5)												
Project Name: /	Rad Hills Wast 21 Food	-) LI	ILAS		S	tate:	NA	1 7	Zip: 8 8	141		Œ	18)									
Project Location	507 Project Ow Red Hills West 21 Fed Pural Lea County, Eric Mojica	NM	2					hone		-	-ib-0 O	. 0	Chloride	TPH (8015M)	STEX (8021B)									
Sampler Name:	Fair Maile							ax #:				1	Ĕ	I	X									
FOR LAB USE ONLY	27167101122	T			MA	TRIX	_	_	ESER	RV.	SAMPLI	NG		4	BTI									
Lab I.D. 6 HZZ5274	Sample I.D.	(G)RAB OR (C)OMP.	N N	GROUNDWATER	WASTEWATER	OIL	SLUDGE .	ACID/BASE:	ICE / COO!	OTHER:	DATE	TIME	1											
)	PF 77e8'	C	1		V				1		11-8-22		V											
Z	PF 7868.	C	1		1				1				1											
3	PF 7908'	C	1	9	1				1				1											
4	PF 80e8'	C	1		V				1				1											
5	PF 84e5	C	li		V				1				1											
6	PF87e5	C	1		V				1				1											
7	PF95e6	C	1		1				1			1	1											
8	PF96e5	C	1		V				V				1											
9	PF9805	C	1		1				1				1	1										
10	PF 9906'	C	1		V				1				V											
service. In no event shall Co	11-8-2	all be deemed anding wither or by Cardina	nd walve not limite al, regar	ed unle allon, be	whether By:	le writin	g and ro	calved by	Capdir or loss o	ned with of prod	hin 30 days after the incurred by c	completion of th	n applicat les, se. sult:	□ Ye		No No		Phone Fax #:						
Delivered By:	(Circle One) - Bus - Other:	#1	13	S	iample Cool	e Con	dition Yes			nitia	ED BY:	Please e	mail r	esult	and o	сору	of Co	C to p	om@e	eteche	nv.cor	n.		

FORM-006 Revision 1.0

Received by OCD: 6/7/2024 3:44:33 PM

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



November 10, 2022

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

RE: RED HILLS WEST 21 FED COM 2H

Enclosed are the results of analyses for samples received by the laboratory on 11/09/22 15:32.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/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: 11/09/2022 Sampling Date: 11/09/2022

Reported: 11/10/2022 Sampling Type: Soil
Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact

Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 97 @ 2' (H225305-01)

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	11/10/2022	ND	203	101	200	3.85	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	198	99.1	200	0.119	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	89.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	'8						

Sample ID: PF 104 @ 5' (H225305-02)

Chloride, SM4500CI-B mg/kg		Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/10/2022	ND	416	104	400	0.00	

Sample ID: PF 105 @ 2' (H225305-03)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	203	101	200	3.85	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	198	99.1	200	0.119	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	82.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.3	% 46.3-17	8						

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.

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 11/09/2022 Sampling Date: 11/09/2022

Reported: 11/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PNW 7 - A (H225305-04)

TPH 8015M Analyte	mg/kg		Analyzed By: MS						
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	203	101	200	3.85	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	198	99.1	200	0.119	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	87.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.7	% 46.3-17	8						

Sample ID: PF 46 @ 2.5' (H225305-05)

TPH 8015M Analyte	mg/kg		Analyzed By: MS						
	Result	Reporting Limit	Analyzed	Method Blank	BS	BS % Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	203	101	200	3.85	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	198	99.1	200	0.119	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	85.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.0	% 46.3-17	8						

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.

Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 11/09/2022 Sampling Date: 11/09/2022

Reported: 11/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 47 @ 2.5' (H225305-06)

TPH 8015M Analyte	mg/kg		Analyzed By: MS						
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	203	101	200	3.85	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	198	99.1	200	0.119	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	91.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

Sample ID: PF 49 @ 2.5' (H225305-07)

TPH 8015M Analyte	mg/kg		Analyzed By: MS						
	Result	Reporting Limit	Analyzed	Method Blank	BS	BS % Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	203	101	200	3.85	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	198	99.1	200	0.119	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	86.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.1	% 46.3-17	8						

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. Freene



Analytical Results For:

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

Fax To:

Received: 11/09/2022 Sampling Date: 11/09/2022

Reported: 11/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 52 @ 2.5' (H225305-08)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	203	101	200	3.85	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	198	99.1	200	0.119	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	86.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.3	% 46.3-17	8						

Sample ID: PF 57 @ 2.5' (H225305-09)

TPH 8015M Analyte	mg/kg		Analyzed By: MS						
	Result	Reporting Limit	Analyzed	Method Blank	BS	BS % Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	203	101	200	3.85	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	198	99.1	200	0.119	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	91.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	8						

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.

Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW 2617 W MARLAND

HOBBS NM, 88240

Fax To:

Received: 11/09/2022 Sampling Date: 11/09/2022

Reported: 11/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 59 @ 2.5' (H225305-10)

TPH 8015M Analyte	mg/kg		Analyzed By: MS						
	Result	Reporting Limit	Analyzed	Method Blank	BS	3S % Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	203	101	200	3.85	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	198	99.1	200	0.119	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	87.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.4	% 46.3-17	8						

Sample ID: PF 61 @ 2.5' (H225305-11)

TPH 8015M Analyte	mg/kg		Analyzed By: MS						
	Result	Reporting Limit	Analyzed	Method Blank	BS	BS % Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	203	101	200	3.85	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	198	99.1	200	0.119	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	85.8	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	96.6	% 46.3-17	78						

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.

Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

LANCE CRENSHAW 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 11/09/2022 Sampling Date: 11/09/2022

Reported: 11/10/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PF 64 @ 2.5' (H225305-12)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	203	101	200	3.85	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	198	99.1	200	0.119	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	89.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100 9	% 46.3-17	8						

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.

Celey 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.

Celeg D. Freene

Page 9 of 10

RDINAL LABORATORIES

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

P			1
Λ	V	S	Y

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO								ANALYSIS REQUEST														
Project Manager	: Lance Crens	naw					,		P.C). #:																
Address: 261	7 W Marland								Co	mpa	ny	Me	ewbou	rne												
City: Hobbs		State: NM	Zip:	882	240				Att	n: (0	A.O	er Walk	er												
Phone #: (575	5) 264-9884	Fax #:	ner: Mewbourge Com 2 H M MATRIX				Address: 480 Bwigers PikBlad																			
Project #: 15	507	Project Owner	M	41.	ha	11 6 0			Cit	y: /-	1.	11.		TINDER	1											
Project Name:	to all alle Hast	21 Fed C.	_	21	1	V/ II		\neg					Zip: 884	141	60	N N	8									
Project Location	: Punch	I NN		N	1					one			-ip. 0 0 s	, 10	Chloride	TPH (8015M)	BTEX (8021B)									
Sampler Name:	Prois Maiica	VATY, /*/						\neg		x #:				7		E	×									
FOR LAB USE ONLY	-Ne Mollen	1				MA	ATRI	X	_	PRE	SE	RV.	SAMPL	NG		T	BTE									
Lab I.D.	Sample I.I		(G)RAB OR (C)OMP.	* CONTAINERS	100	WASTEWATER			OTHER:	ACID/BASE:	ICE /COOF	OTHER:	DATE	TIME	1											
1	PF 9702'		C	1				107			1		11-9-22			1										
2	PF 104e 5		C	1		V					1	1	1100	1	1											
3	PF 10502"		C	1		1					1					1										
4	PNW7-A	115	C	T		1					V					1										
5	PF46021/2"		C	T		V	1				V			1		1										
6	PF 470212		C	1		V					1					1										
7	PF 49e 21/2		C	1		V	1				V					1										
8	PF 52021/2		C	1		V	/				1				7	1										
9	PF 57e 21/2		C	I		V	/				1					1										
10	PF 59ea1/a		C	1		V					1				1	1										
service. In no event shell Co	ig those for negligence and any other ca individ be liable for incidental or consequing out of or related to the performance of	uonial demages, including	leeme wither ardinal	t limits regar	ed unle	as made minos i if whethe	in wri	ling and plions, k	recel loss at	wed by	rlops	of prof	the incurred by	tient, its subsidiar esons or otherwis Phone Re- Fax Resul REMARKS	sult: t:	□ Ye	es C	No No	Add'I	Phone Fax #:						
Delivered By: Sampler - UPS		6:1/3.0	#		-	ample Cool Ye	lint:	act			-	Initia O	ED BY:	Please e	mail r	esult	s and	сору	of Co(to p	m@e	techei	iv.com	l.		

FORM-006 Revision 1.0

Received by OCD: 6/7/2024 3:44:33 PM

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Page 10 of 10

-				
B	ARDINAL	LABO	RATO	RIES
1	404 5			111 200

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

2.+2

Company Name:									BIL	LLTO		ANALYSIS REQUEST											
Project Manager	Lance Crenshaw						P.O.	#:				1											
Address: 261	7 W Marland						Com	pan	y M	ewbo	urne												
City: Hobbs	State: NM	Zip: 8	8240)			Attn:	: Co	111	er Wa	ker												
Phone #: (575	5) 264-9884 Fax #:						Attn: Conner Walker Address: 480 Dusines Pik Bln																
Project #: 15507 Project Owner: Mewbourne Project Name: Red Hills West 21 Fed Com 2H Project Location: Rura lea County, NM Sampler Name: Eric Mojica MATRIX						City: H 6 6 6 5																	
Project Name: P	ed Hills black 21 Fed C	110) H	VVI	11					Zip: 884	141		₩.	18				1		3			
Project Location	n: Paral la Carata NA	1	~11				Phor				10	Chloride	TPH (8015M)	STEX (8021B)	1								
Sampler Name:	Foir Motion		**********				Fax:		•		1	燕	H	×									
FOR LAB USE ONLY	Dire / Toylen	П	T	N	ATRI	X	_		ERV.	SAMPL	ING	"	4	BT				1					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	br	TEWATER	SOIL	IDGE	OTHER:	ACID/BASE.	OTHER:	DATE	TIME	-											
11	PF 6/e 2/2	CI			1			1			11-9-22		1										
12	PF 6102/2	CI			1			1					1										
											1												
										. 57													
												1					_		_	-			
																		_	-				
					1														-	-			
					1				Ш							-	1	_	-	-			
DI CASE NOTE: 1 IANIII.																							
analyses. All claims includir	nd Damages. Cardinal's liability and client's exclusive remedy for ng those for negligence and any other cause whatsoever shall be	deemed wa	aived un	less ma	de in wrl	ling and	received	d by Ca	ardinal w	ithin 30 days afte	r completion of th	ne applice	sble										
affiliates or successors arisir	ardinal be liable for incidental or consequental damages, include ng out of or related to the performance of services hereunder by	Cardinal, reg	gardlees	of whel							asons or otherwis	10.				1							
Relinquished By	Date: 11-9-22	Rece	eived	By:			1	1	11	11	Phone Res		O Y		No		Phone						
In mi	7: Date: 11-9-22 Time: 15-32	1	1	PIL	104	1	16	1/1	ab	Less	REMARKS	S: '											
Relinquished By	V: Date:	Rece	elved	By:	all	7	1			1													
	Time:																						
Delivered By	(Circle One)	#11	3	Same	ole Co	mditi	on	C	HECK	ED BY:	Please e	mail I	result	s and	copy	of Co	C to p	om@e	teche	nv.con	n.		
		0		Cool	-Int	act _	- 1	01	(Initi														
Sampler - UPS	- Bus - Other: 34 a / 3.0	C		1	es E	Yes No			V	-	1												

FORM-006 Revision 1.0

Received by OCD: 6/7/2024 3:44:33 PM

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



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

November 11, 2022

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

RE: RED HILLS WEST 21 FED COM 2H

Enclosed are the results of analyses for samples received by the laboratory on 11/10/22 15:30.

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

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

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

Accreditation applies to public drinking water matrices.

Celeg D. Keene

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



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

Analytical Results For:

Etech Environmental & Safety Solutions LANCE CRENSHAW

2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 11/10/2022 Sampling Date: 11/10/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: RED HILLS WEST 21 FED COM 2H Sampling Condition: Cool & Intact
Project Number: 15507 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - JAL, NM

Sample ID: PNW 3-A (H225343-01)

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	11/11/2022	ND	208	104	200	1.94	
DRO >C10-C28*	44.7	10.0	11/11/2022	ND	202	101	200	0.260	
EXT DRO >C28-C36	<10.0	10.0	11/11/2022	ND					
Surrogate: 1-Chlorooctane	93.2 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.69	% 46.3-17	8						

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 & Frence

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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.

alegistiene

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 4

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES

East I	Marland,	Hobbs,	NM	88240	10
75) 39	3-2326 F	AX (57	5) 39:	3-2476	Rus

Company Name: Etech Environmental & Safety Solutions, Inc.									BI	LL TO		ANALYSIS REQUEST													
Project Manager	: Lance Crenshaw								0. #					1											
	7 W Marland							Co	mp	any	H	eubour	10												
City: Hobbs	State: NM	Zip	: 88	240				Att	tn: (Con	ne	Walk	./	,											
Phone #: (575	i) 264-9884 Fax #:							Ad	ldre	ss:	480	Walker 18 sixes	PIKBLU												
Project #: 15507 Project Owner: Mewbourse Project Name: Red Hills West 21 Fed Com 2 H Project Location: Rusal Lea County, NM Sampler Name: Eric Mojica					e		Cit	ty: /	4.	1005															
Project Name: R	Red Hills West 21 Fed Co.	2	H									Zip: 88	240	0	FPH (8015M)	BTEX (8021B)								- 1	
Project Location	: Rucal Lea County NM								one					Chloride	801	(80									
Sampler Name:	Eric Moiles							Fa	x #:					동	Ĭ	EX	-					-			
FOR LAB USE ONLY	-/-	T	T		M	ATRI	X		PR	ESE	RV.	SAMPLI	NG		1 1	BT									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	CE / COOF	OTHER:	DATE	TIME	1											
,	PNW3-A	£	-	Ĭ	-	1	T			1		11-10-22			1										
		1	1									11 10 80													
	T.																								
													1												
												3.74													
							1						1						1	1	-				
		_	1				1	-						_	-		1	-	-		-			-	
						_	1	-						'		_		1	1	-	-			_	
analyses. All claims includin service. In no event shall Co	of Demages. Cardinal's liability and client's exclusive remady in giftoce for negligence and any other cause whatsource shall ardinal be liable for incidental or consequents demages, inclu- ng out of or related to the performance of services hereunder to	he doom ding with:	nd web out time	red uni lution, b	es mor	le in wel Interrup	ling an pilone,	d rece lass o	dred b	y Cas or las	diant w	didn 30 days after offic incurred by o	r completion of the	ne applica les,	ble			1							
Relinquished By	Date: 1/-/0-2 Time: 530	2 R	ecei	ved	By:	are	10	d.	la		1	Less C	Phone Re Fax Resul REMARKS	sult: lt:	□ Ye		No No		l Phon						
Relinquished By Delivered By: Sampler - UPS	Date:	R	ecei	ved	Samp	le Co	ondit act	tion				(ED BY:	Please e	mail r	esults	s and	сору	of Co	C to p	om@e	eteche	nv.com	1.		

FORM-006 Revision 1.0

Received by OCD: 6/7/2024 3:44:33 PM

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS

Action 352130

QUESTIONS

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	352130
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2120041782
Incident Name	NAPP2120041782 RED HILLS WEST 21 FED COM #2H @ 30-025-40391
Incident Type	Produced Water Release
Incident Status	Deferral Request Received
Incident Well	[30-025-40391] RED HILLS WEST 21 FEDERAL COM #002H

ocation of Release Source								
Please answer all the questions in this group.								
Site Name RED HILLS WEST 21 FED COM #2H								
Date Release Discovered	07/12/2021							
Surface Owner	State							

Incident 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 fo	or 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: 140 BBL Recovered: 70 BBL Lost: 70 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.							

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 **District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 352130

1110110.(000) 110 0110 1 41.(000) 110 0102		
QUEST	IONS (continued)	
Operator:	OGRID:	
MEWBOURNE OIL CO	14744	
P.O. Box 5270	Action Number:	
Hobbs, NM 88241	352130	
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)	
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. 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	safety hazard that would result in injury.	
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	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.	
	ilation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of 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 rele the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required 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	
	Name: Connor Walker	
I hereby agree and sign off to the above statement	Title: Senior Engineer	
I mereby agree and sign on to the above statement	1	

Email: cwalker@mewbourne.com

Date: 06/07/2024

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 352130

QUESTIONS (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	352130
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

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	Estimate or Other	
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 ½ and 1 (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	Between ½ and 1 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)	
Any other fresh water well or spring	Between ½ and 1 (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 1000 (ft.) and ½ (mi.)	
Categorize the risk of this well / site being in a karst geology	Medium	
A 100-year floodplain	Between 1 and 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	Yes	

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be pr	rovided 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 cont	tamination 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	d Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each	ch, in milligrams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	19300
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	7570
GRO+DRO (EPA SW-846 Method 8015M)	6690
BTEX (EPA SW-846 Method 8021B or 8260B)	3.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes which includes the anticipated timelines for beginning and completing the remediation.	completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence	05/09/2022
On what date will (or did) the final sampling or liner inspection occur	11/10/2022
On what date will (or was) the remediation complete(d) 11/10/2022	
What is the estimated surface area (in square feet) that will be reclaimed	81315
What is the estimated volume (in cubic yards) that will be reclaimed	10380
What is the estimated surface area (in square feet) that will be remediated	d 81315
What is the estimated volume (in cubic yards) that will be remediated	10380
These estimated dates and measurements are recognized to be the best guess or calculate	ation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.
The OCD recognizes that proposed remediation measures may have to be minimally adj	justed 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 if another remediation plan submission is required.

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

<u>District IV</u> 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462 State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 4

Action 352130

QUESTIONS (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	352130
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Remediation Plan (continued)		
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.		
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	Texas	
What is the name of the out-of-state facility	R360 Red Bluff	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)	Not answered.	

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.

I hereby agree and sign off to the above statement

Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com

Date: 06/07/2024

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 if another remediation plan submission is required.

Operator:

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 5

Action 352130

QUESTIONS	(continued)

OGRID:

MEWBOURNE OIL CO	14744		
P.O. Box 5270	Action Number:		
Hobbs, NM 88241	352130		
	Action Type:		
	[C-141] Deferral Request C-141 (C-141-v-Deferral)		
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	Yes		
Have the lateral and vertical extents of contamination been fully delineated	Yes		
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes		
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	the remaining area to be deferred sits within production equipment and piping that would all need to be deconstructed to excavate the area.		
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	600		
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	90		
	ediately under or around production equipment such as production tanks, wellheads and pipelines where on may be deferred with division written approval until the equipment is removed during other operations, or when		
Enter the facility ID (f#) on which this deferral should be granted	RED HILLS WEST 21 FED COM #2H BATTERY [fAPP2125643650]		
Enter the well API (30-) on which this deferral should be granted	Not answered.		
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True		
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed which includes the anticipated timelines for beginning and completing the remediation.	efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC		
to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to	we knowledge and understand that pursuant to OCD rules and regulations all operators are required eases which may endanger public health or the environment. The acceptance of a C-141 report by a adequately investigate and remediate contamination that pose a threat to groundwater, surface out 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: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com		

Date: 06/07/2024

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 6

Action 352130

QUESTIONS (continued))		
	OGRID:		
		44744	

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	352130
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information		
Last sampling notification (C-141N) recorded {Unavailable.}		
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 No		

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 352130

CONDITIONS

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	352130
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	Deferral Approved. Pursuant to the NMOCD-approved Deferral Request, remediation of impacted soil affected above the NMOCD Closure Criteria remaining in-situ in the Deferral Area will be completed upon decommissioning and abandonment of the SWD facility, in accordance with Sections 19.15.29.12 and 19.15.29.13 NMAC.	6/17/2024