of New Mexico

Insident ID NAPP2210452807

Incident ID	NAPP2219452897
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>>170</u> (ft bgs)		
Did this release impact groundwater or surface water?	☐ Yes ☑ No		
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ No		
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☑ No		
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No		
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No		
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No		
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No		
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No		
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No		
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No		
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No		
Did the release impact areas not on an exploration, development, production, or storage site?	✓ Yes ☐ No		
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.			
Characterization Report Checklist: Each of the following items must be included in the report.			
 ✓ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. ✓ Field data ✓ Data table of soil contaminant concentration data ✓ Depth to water determination ✓ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release ✓ Boring or excavation logs ✓ Photographs including date and GIS information ✓ Topographic/Aerial maps ✓ Laboratory data including chain of custody 			

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

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Incident ID	NAPP2219452897
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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Printed Name: Connor Walker	Title: Sr. Engineer	
Signature:	Date: 02/06/2023	
email:cwalker@mewbourne.com	Telephone: 806-202-5281	
OCD Only		
Received by:	Date: 02/06/2023	

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Incident ID NAPP2219452897

District RP
Facility ID
Application ID

Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.		
✓ A scaled site and sampling diagram as described in 19.15.29.11 NMAC		
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)		
☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)	
Description of remediation activities		
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rer human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification to the O	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.	
Printed Name: Connor Walker	Title: Sr. Engineer	
Printed Name: Connor Walker Signature:	Date:02/06/2023	
email: cwalker@mewbourne.com	Telephone: 806-202-5281	
OCD Only		
Received by: Jocelyn Harimon	Date: <u>02/06/2023</u>	
	•	
Closure Approved by:Jennifer Nobui	02/22/2023 Date:	
Printed Name: Jennifer Nobui	Title: Environmental Specialist A	

Trinity Oilfield Services & Rentals, LLC



January 18th, 2023

Oil Conservation Division, District I 1625 N. French Drive Hobbs, NM 88240

Re: Closure Report

Antelope Ridge CDP Booster Tracking #: NAPP2219452897

Trinity Oilfield Services (Trinity), on behalf of Mewbourne Oil Co, hereby submits the following Closure Request in response to a release that occurred at the above-referenced location, and further described below.

Site Information		
Incident ID	NAPP2219452897	
Site Name	Antelope Ridge CDP Booster	
Company	Mewbourne Oil Co	
County	Lea	
ULSTR	N-09-24S-34E	
GPS Coordinates (NAD 83)	32.226206, -103.476077	
Landowner	Private	

RELEASE BACKGROUND

On 7/13/2022, Mewbourne Oil Co reported a release at the Antelope Ridge CDP Booster. The release was caused when a poly riser developed a small crack. Approximately 11,724 sqft. of the Pasture was found to be damp upon initial inspection.

Release Information		
Date of Release	06/30/2022	
Type of Release	Produced Water	
Source of Release	Equipment Failure	
Volume Released – Produced Water	136 bbls	
Volume Recovered – Produced Water	80 bbls	
Volume Released – Crude Oil	0 bbls	
Volume Recovered – Crude Oil	0 bbls	
Affected Area – Damp Soil	Pasture - Approximately 11,724 sqft.	
Site Location Map	Attached	

SITE CHARACTERIZATION AND CLOSURE CRITERIA

Depth to Groundwater/Wellhead Protection:

Data Source	Well Number	Data Date	Depth (ft.)
NM OSE	NA	NA	NA
USGS	NA	NA	NA
Soil Bore	NA	NA	NA

A search of the groundwater well databases maintained by the New Mexico Office of the State Engineer (NMOSE) and the United States Geological Survey (USGS) was conducted to determine if any registered groundwater wells are located within a $^{1}/_{2}$ mile of the release site. The search revealed that Zero (0) wells occurred in the databases that meet the NMOCD criteria for the age of data, the distance of the data point well from the release point, and a data point well having a diagram of construction.

General Site Characterization:

Site Assessment		
Karst Potential	Low	
Distance to Watercourse	> 1000 ft. (5,489.39 ft. to Wetland)	
Within 100 yr Floodplain	No	
Pasture Impact	Yes	

A risk-based site assessment/characterization was performed following the New Mexico Oil Conservation Division (NMOCD) Rule (Title 19 Chapter 15 Part 29) for releases on oil and gas development and production in New Mexico (effective August 14, 2018). To summarize the site assessment/characterization evaluation, the affected area has Low potential for cave and karst, and no other receptors (residence, school, hospital, institution, church, mining, municipal, or other ordinance boundaries) were located within the regulatorily promulgated distances from the site.

Closure Criteria:

On-Site & Off-Site 4ft bgs Recommended Remedial Action Levels (RRALs)		
Chlorides	600 mg/kg	
TPH (GRO and DRO and MRO)	100 mg/kg	
TPH (GRO and DRO)	NA	
BTEX	50 mg/kg	
Benzene	10 mg/kg	

A reclamation standard of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top four feet of the pasture area if impacted by the release, per NMAC 19.15.29.13.D (1) for the top four feet of areas that will be reclaimed following remediation.

INITIAL ASSESSMENT AND REMEDIATION ACTIVITIES

Initial Sample Activities:

Delineation Summary		
Delineation Dates	10/27/2022 - 11/17/2022	
Depths Sampled	Surface - 7'	
Delineation Map	Attached	
Laboratory Results	Table 1	

All soil samples were placed into laboratory-supplied glassware, labeled, and maintained on ice until delivery to an NMOCD-approved laboratory (Cardinal Laboratories of Hobbs, NM) for the analysis of chloride using Method SM4500 Cl-B, Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) by EPA Method 8021 B and Total Petroleum Hydrocarbon (TPH) constituents the by EPA 8015M.

Confirmation Activities:

Remediation Summary		
Remediation Dates	11/01/2022 - 12/06/2022	
Confirmation Sample Notification	10/31/2022	
Liner Variance Request	None	
Deferral Request	None	
Depths Excavated	6" - 11'	
Area Represented by the required 5-point	200 sqft.	
Confirmation Samples – Floors and Walls	1	
Total Volume of Excavated Soil	1,129 yards	
Remediation Map	Attached	
Laboratory Results	Table 2	

Impacted soil within the release margins was excavated and temporarily stockpiled on-site on a 6-mil plastic sheeting, pending final disposition. The floors of the excavated area were advanced until laboratory analytical results from confirmation soil samples indicate Chloride, Benzene, BTEX, and TPH concentrations are below the NMOCD Closure Criteria listed in the Table above, and all walls were advanced to meet reclamation standards. Confirmation soil samples (five-point composites representing no more than 200 sqft. of the excavated area) were collected from the floor and sidewalls.

Upon receiving laboratory analytical data showing that confirmation soil samples from the excavated areas yield results below the selected NMOCD Table 1 Closure Criteria; the impacted soil was transported under manifest to an NMOCD-approved disposal facility and the excavated area was backfilled with locally sourced, non-impacted "like" material.

SITE RECLAMATION AND RESTORATION

Areas affected by the release and the associated remediation activities were restored to a condition that existed before the release to the extent practicable. The affected area was contoured and/or compacted to provide erosion control, stability, and preservation of surface water flow. Affected areas not on production pads and/or lease roads will be reseeded with a prescribed BLM, NMSLO, and/or Private Land Owner requested seed mixture during the first favorable growing season following the closure of the site by the applicable regulatory agency.

REQUEST FOR CLOSURE

Supporting Documentation								
C-141 page 6	Signed and Attached							
Delineation and Remediation Maps	Attached							
Depth to Groundwater Maps and Source	Attached							
US NWI Map	Attached							
FEMA Flood Hazard Map	Attached							
USDA Soil Survey	Attached							
Site Photography	Attached							
Laboratory Analytics with COCs	Attached							

The site has been remediated to meet the standards of Table I of 19.15.29.12 NMAC; therefore, Trinity Oilfield Services respectfully requests that the New Mexico Oil Conservation Division grant closure approval for the referenced release.

Sincerely,

Dan Dunkelberg Dan Dunkelberg Project Manager



Cynthia Jordan <cynthia@trinityoilfieldservices.com>

Confirmation Sample Notification - NAPP2219452897 ANTELOPE RIDGE CDP BOOSTER

Dan Dunkelberg <dan@trinityoilfieldservices.com>

Mon, Oct 31, 2022 at 8:33 AM

To: OCD.Enviro@emnrd.nm.gov

Cc: Josh Halcomb <josh@trinityoilfieldservices.com>, Michael Ferrell <m.ferrell@trinityoilfieldservices.com>

Bcc: cynthia@trinityoilfieldservices.com

This is a notification that Trinity Oilfield Services will conduct confirmation sampling on behalf of Mewbourne Oil Co. at the above referenced site on Wednesday, November 2, 2022 at 8:00 a.m.

Dan Dunkelberg Environmental Manager



Trinity Oilfield Services & Rentals, LLC Cell: (575) 602-2403

Received by OCD: 2/6/2023 3:09:18 PM

TABLE 1 CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
Delineation Special cir	rcumstances	, On-Site, & I	Deeper than	4' Pasture	600	2500	1000	NE	NE	NE	50	10
NMOCD Delineation Limits Pasture to 4' & Walls					600	100	NE	NE	NE	NE	50	10
					Vertical Delin	eation						
SP-001-00.0-V-P	0	10/27/2022	Grab	Excavated	1,480.00	37.00	21.30	<10.0	21.30	15.70	<0.300	<0.050
SP-001-01.0-V-P	1	10/27/2022	Grab	In-Situ	192.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-002-00.0-V-P	0	10/27/2022	Grab	Excavated	16.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-002-01.0-V-P	1	10/27/2022	Grab	In-Situ	16.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-003-00.0-V-P	0	10/27/2022	Grab	Excavated	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-003-01.0-V-P	1	10/27/2022	Grab	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-004-00.0-V-P	0	10/27/2022	Grab	Excavated	16.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-004-01.0-V-P	1	10/27/2022	Grab	In-Situ	96.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-005-00.0-V-P	0	10/27/2022	Grab	Excavated	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-005-01.0-V-P	1	10/27/2022	Grab	Excavated	1,230.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-005-02.0-V-P	2	10/27/2022	Grab	In-Situ	368.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-006-00.0-V-P	0	10/27/2022	Grab	Excavated	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-006-01.0-V-P	1	10/27/2022	Grab	Excavated	224.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-006-02.0-V-P	2	10/27/2022	Grab	Excavated	336.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-006-03.0-V-P	3	10/27/2022	Grab	Excavated	400.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-006-04.0-V-P	4	10/27/2022	Grab	Excavated	816.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-006-06.0-V-P	6	10/27/2022	Grab	In-Situ	176.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-007-00.0-V-P	0	10/27/2022	Grab	Excavated	112.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-007-01.0-V-P	1	10/27/2022	Grab	Excavated	1,410.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-007-02.0-V-P	2	10/27/2022	Grab	Excavated	608.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-007-03.0-V-P	3	10/27/2022	Grab	Excavated	1,060.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-007-04.0-V-P	4	11/10/2022	Grab	In-Situ	304.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-008-02.0-V-P	2	12/6/2022	Grab	In-Situ	192.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050

TABLE 1 CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
Delineation Special cir	cumstances	, On-Site, & D	Deeper than	4' Pasture	600	2500	1000	NE	NE	NE	50	10
NMOCD Delineation Limits Pasture to 4' & Walls					600	100	NE	NE	NE	NE	50	10
SP-009-00.0-V-P	0	10/27/2022	Grab	Excavated	6,480.00	14.10	14.10	<10.0	14.10	<10.0	<0.300	<0.050
SP-009-04.0-V-P	4	10/27/2022	Grab	Excavated	1,920.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-009-07.0-V-P	7	10/27/2022	Grab	Excavated	1,880.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-009-10.0-V-P	10	11/29/2022	Grab	In-Situ	208.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
	-				Horizontal Del	ineation						
SP-001-01.0-HN-P	1	11/1/2022	Grab	In-Situ	192.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-001-01.0-HS-P	1	10/28/2022	Grab	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-002-01.0-HN-P	1	10/28/2022	Grab	In-Situ	16.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-002-01.0-HS-P	1	10/28/2022	Grab	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-003-01.0-HN-P	1	10/28/2022	Grab	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-003-01.0-HS-P	1	10/28/2022	Grab	In-Situ	16.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-004-01.0-HN-P	1	10/28/2022	Grab	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-004-01.0-HS-P	1	10/28/2022	Grab	In-Situ	16.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-005-01.0-HN-P	1	10/28/2022	Grab	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-005-01.0-HS-P	1	10/28/2022	Grab	In-Situ	16.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-006-01.0-HN-P	1	10/28/2022	Grab	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-006-01.0-HS-P	1	10/28/2022	Grab	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-007-01.0-HE-P	1	10/28/2022	Grab	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-007-01.0-HN-P	1	10/28/2022	Grab	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-007-01.0-HS-P	1	10/28/2022	Grab	In-Situ	16.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-008-01.0-HN-P	1	11/1/2022	Grab	In-Situ	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-008-01.0-HS-P	1	11/17/2022	Grab	In-Situ	192.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-009-01.0-HN-P	1	11/17/2022	Grab	In-Situ	336.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-009-01.0-HS-P	1	11/17/2022	Grab	In-Situ	128.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050

TABLE 1 CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
Delineation Special cir	rcumstances	s, On-Site, & I	Deeper than	4' Pasture	600	2500	1000	NE	NE	NE	50	10
NMOCD Delineation Limits Pasture to 4' & Walls			600	100	NE	NE	NE	NE	50	10		
SP-009-01.0-HW-P	1	11/17/2022	Grab	In-Situ	96.00	<10.0	<10.0	<10.0	<10.0	<10.0	< 0.300	< 0.050

TABLE 2 CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

MEWBOURNE OIL CO. ANTELOPE RIDGE CDP BOOSTER COUNTY, NEW MEXICO NMOCD REFERENCE #: NAPP2219452897

Released to Imaging: 2/22/2023 11:33:23 AM



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
ľ	NMOCD Clos	sure Limits P	ad		600	100	NE	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4' & Walls					600	100	NE	NE	NE	NE	50	10
				Remediation	Floors							
CF-001-06.0-NA-P	6	11/9/2022	Composite	In-Situ	320.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-002-01.0-NA-P	1	11/1/2022	Composite	In-Situ	272.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-003-01.0-NA-P	1	11/1/2022	Composite	In-Situ	224.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-004-01.0-NA-P	1	11/1/2022	Composite	In-Situ	384.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-005-01.0-NA-P	1	11/3/2022	Composite	In-Situ	192.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-006-01.0-NA-P	1	11/3/2022	Composite	In-Situ	240.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-007-01.0-NA-P	1	11/3/2022	Composite	In-Situ	208.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-008-01.0-NA-P	1	11/3/2022	Composite	In-Situ	64.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-009-01.0-NA-P	1	11/3/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-010-09.5-NA-P	9.5	11/9/2022	Composite	In-Situ	336.00	11.30	11.30	<10.0	11.30	<10.0	<0.300	<0.050
CF-011-01.0-NA-P	1	11/3/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-012-00.5-NA-P	0.5	11/3/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-013-00.5-NA-P	0.5	11/3/2022	Composite	In-Situ	64.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-014-00.5-NA-P	0.5	11/3/2022	Composite	In-Situ	16.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-015-00.5-NA-P	0.5	11/3/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-016-00.5-NA-P	0.5	11/3/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-017-00.5-NA-P	0.5	11/3/2022	Composite	In-Situ	16.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-018-00.5-NA-P	0.5	11/9/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-019-00.5-NA-P	0.5	11/9/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-020-00.5-NA-P	0.5	11/9/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-021-00.5-NA-P	0.5	11/9/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-022-00.5-NA-P	0.5	11/9/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-023-00.5-NA-P	0.5	11/9/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050

TABLE 2 CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
ı	NMOCD Clos	sure Limits Pa	ad		600	100	NE	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4' & Walls				600	100	NE	NE	NE	NE	50	10	
CF-024-00.5-NA-P	0.5	11/9/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-025-00.5-NA-P	0.5	11/9/2022	Composite	In-Situ	112.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-026-00.5-NA-P	0.5	11/9/2022	Composite	In-Situ	16.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-027-00.5-NA-P	0.5	11/10/2022	Composite	In-Situ	128.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-028-00.5-NA-P	0.5	11/10/2022	Composite	In-Situ	272.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-029-00.5-NA-P	0.5	11/10/2022	Composite	In-Situ	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-030-00.5-NA-P	0.5	11/10/2022	Composite	In-Situ	192.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-031-00.5-NA-P	0.5	11/10/2022	Composite	In-Situ	128.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-032-00.5-NA-P	0.5	11/10/2022	Composite	In-Situ	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-033-00.5-NA-P	0.5	11/10/2022	Composite	In-Situ	96.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-034-00.5-NA-P	0.5	11/10/2022	Composite	In-Situ	128.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-035-02.0-NA-P	2	11/10/2022	Composite	In-Situ	304.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-036-02.0-NA-P	2	11/10/2022	Composite	In-Situ	304.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-037-02.0-NA-P	2	11/17/2022	Composite	Excavated	816.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-037-03.0	3	12/2/2022	Composite	In-Situ	304.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-038-02.0-NA-P	2	11/17/2022	Composite	Excavated	656.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-038-03.0	3	12/2/2022	Composite	In-Situ	352.00	<10.0	<10.0	<10.0	<10.0	<10.0	0.37	0.06
CF-039-11.0-NA-P	11	11/17/2022	Composite	In-Situ	400.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-040-05.0-NA-P	5	11/17/2022	Composite	In-Situ	272.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-041-10.0-NA-P	10	11/29/2022	Composite	In-Situ	192.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-042-03.0-NA-P	3	12/6/2022	Composite	In-Situ	112.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-043-03.0-NA-P	3	12/6/2022	Composite	In-Situ	128.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-044-03.0-NA-P	3	12/6/2022	Composite	In-Situ	192.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-045-03.0-NA-P	3	12/6/2022	Composite	In-Situ	160.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050

TABLE 2 CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

MEWBOURNE OIL CO. ANTELOPE RIDGE CDP BOOSTER COUNTY, NEW MEXICO NMOCD REFERENCE #: NAPP2219452897

Released to Imaging: 2/22/2023 11:33:23 AM



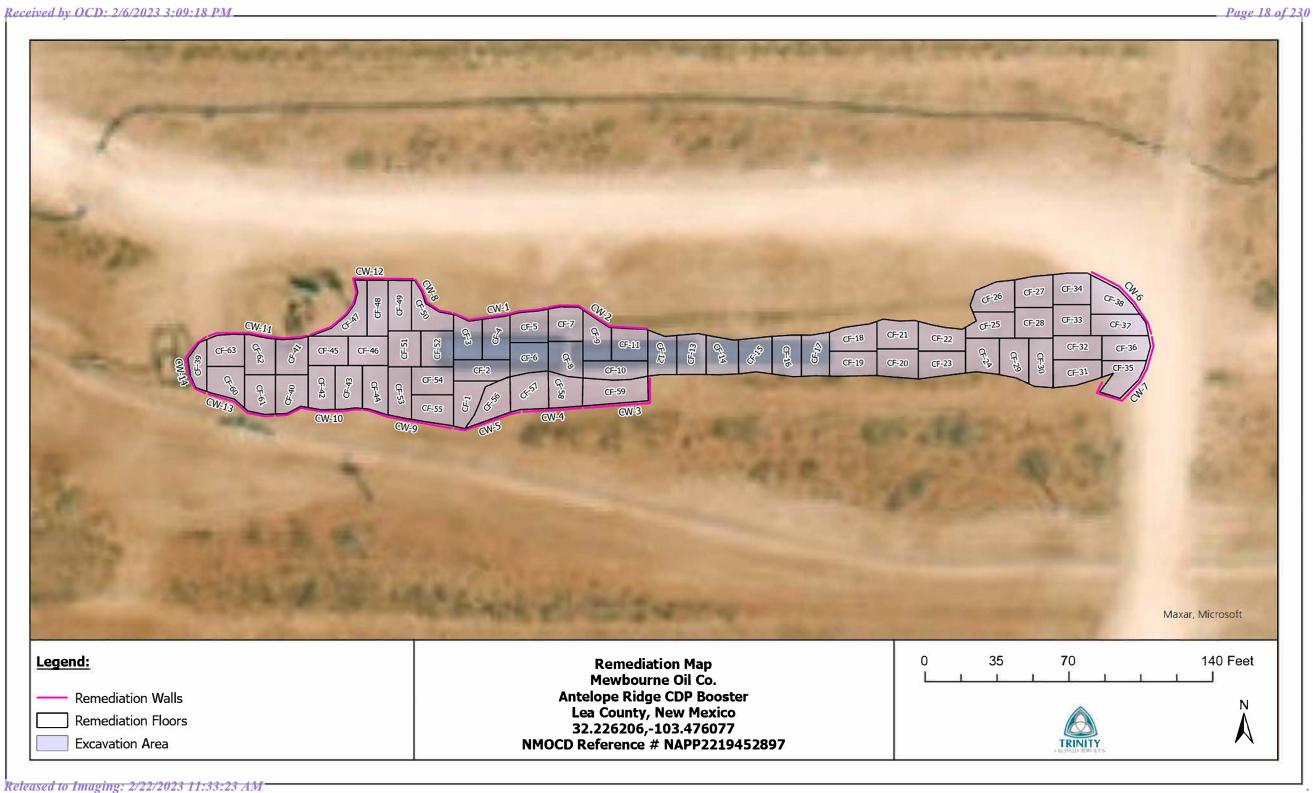
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
!	NMOCD Clos	ure Limits Pa	ad		600	100	NE	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4' & Walls					600	100	NE	NE	NE	NE	50	10
CF-046-03.0-NA-P	3	12/7/2022	Composite	In-Situ	160.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-047-02.0-NA-P	2	12/7/2022	Composite	In-Situ	432.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-048-02.0-NA-P	2	12/7/2022	Composite	In-Situ	272.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-049-02.0-NA-P	2	12/7/2022	Composite	In-Situ	160.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-050-02.0-NA-P	2	12/7/2022	Composite	In-Situ	144.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-051-02.0-NA-P	2	12/7/2022	Composite	In-Situ	192.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-052-02.0-NA-P	2	12/7/2022	Composite	In-Situ	144.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-053-03.0-NA-P	3	12/7/2022	Composite	In-Situ	336.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-054-03.0-NA-P	3	12/7/2022	Composite	In-Situ	432.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-055-03.0-NA-P	3	12/7/2022	Composite	In-Situ	272.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-056-05.0-NA-P	5	12/7/2022	Composite	In-Situ	400.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-057-08.0-NA-P	8	12/7/2022	Composite	Excavated	624.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-057-09.0	9	12/16/2022	Composite	In-Situ	192.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-058-08.0-NA-P	8	12/7/2022	Composite	In-Situ	320.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-059-09.0-NA-P	9	12/7/2022	Composite	In-Situ	352.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-060-08.0-NA-P	8	12/9/2022	Composite	In-Situ	528.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-061-08.0-NA-P	8	12/9/2022	Composite	In-Situ	272.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-062-04.0-NA-P	4	12/9/2022	Composite	In-Situ	336.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-063-04.0-NA-P	4	12/9/2022	Composite	In-Situ	400.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
					Remediation	n Walls						
CW-001-00.5-NA-P	0.5	12/1/2022	Composite	In-Situ	320.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-002-00.5-NA-P	0.5	12/1/2022	Composite	In-Situ	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-003-04.0-NA-P	4	12/6/2022	Composite	In-Situ	208.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-004-03.0-NA-P	3	12/1/2022	Composite	In-Situ	304.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050

TABLE 2 CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

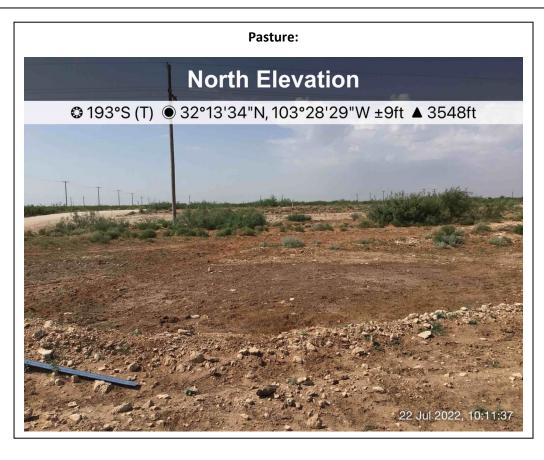


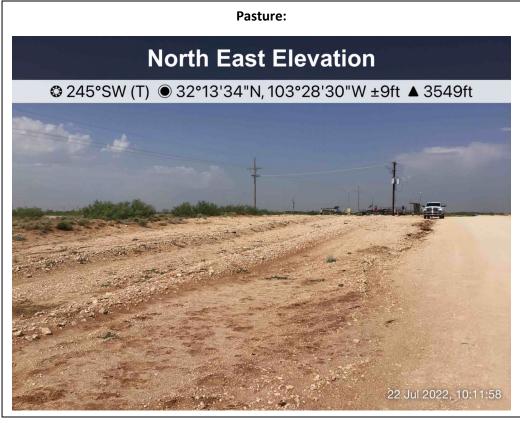
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
1	NMOCD Clos	sure Limits P	ad		600	100	NE	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4' & Walls					600	100	NE	NE	NE	NE	50	10
CW-005-03.0-NA-P	3	12/1/2022	Composite	In-Situ	192.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-006-02.0	2	12/2/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-007-02.0	2	12/2/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-008-01.0-NA-P	1	12/7/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-009-02.0-NA-P	2	12/7/2022	Composite	In-Situ	128.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-010-02.0-NA-P	2	12/7/2022	Composite	In-Situ	128.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-011-02.0-NA-P	2	12/9/2022	Composite	In-Situ	192.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-012-01.0-NA-P	1	12/9/2022	Composite	In-Situ	112.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-013-04.0-NA-P	4	12/9/2022	Composite	In-Situ	320.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-014-05.0-NA-P	5	12/9/2022	Composite	In-Situ	112.00	<10.0	<10.0	<10.0	<10.0	<10.0	< 0.300	< 0.050

Received by OCD: 2/6/2023 3:09:18 PM. Page 16 of 230 3559 3535 Grave Pit Dryn ANTELOPE 9 10 1 3543 35/2 3548 RIDGE × 3521 ×3573 8M 3533 == 3582 00 18 16 17 15 14 × 3532 (128) Copyright: © 2013 National Geographic Society, i-cubed 3538 3534 3561 Legend: **Site Location Map** 0.3 0.6 1.2 Miles 0 Mewbourne Oil Co. **Antelope Ridge CDP Booster** Site Location Lea County, New Mexico 32.226206,-103.476077 NMOCD Reference # NAPP2219452897









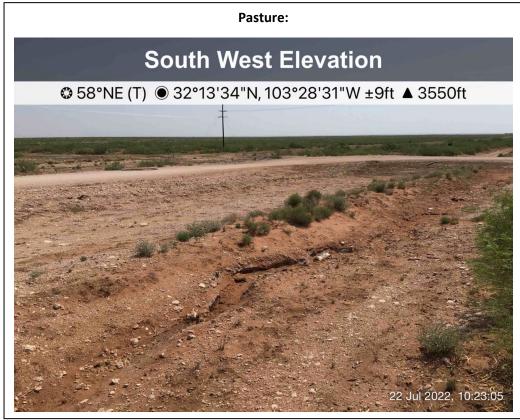




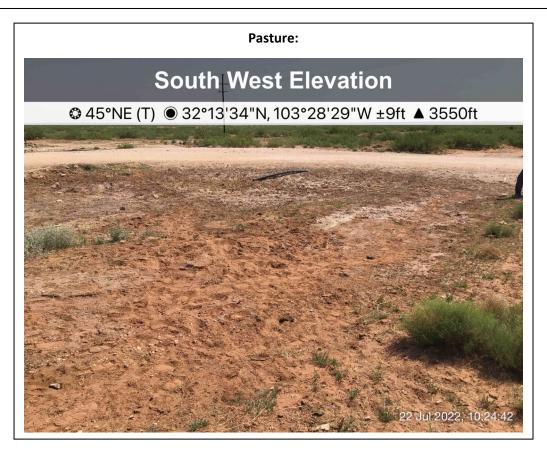




















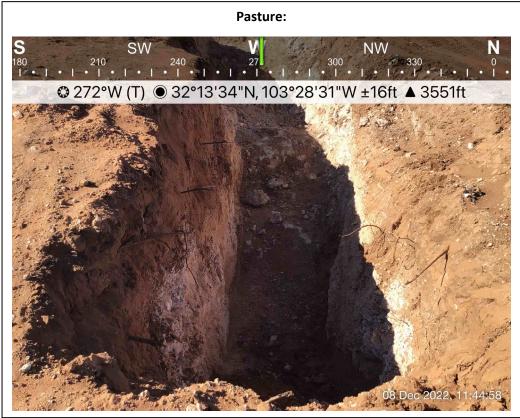










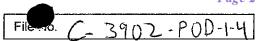












NEW MEXICO OFFICE OF THE STATE ENGINEER



APPLICATION FOR PERMIT TO DRILL A WELL WITH NO CONSUMPTIVE USE OF WATER



Page 1 of 3

(check applicable box):

	For fees, see State Engineer we	ebsite: http://www.ose.state.	nm.us/ 2-3e196
Purpose:	☐ Pollution Control And / Or Recovery	Geo-Thermal	
X Exploratory	☐ Construction Site De-Watering	Other (Describ	e):
☐ Monitoring	☐ Mineral De-Watering		
A separate permit will	be required to apply water to beneficial use.		
Temporary Reque	st - Requested Start Date:	Reques	sted End Date:
Plugging Plan of Ope	rations Submitted? Yes No		
1. APPLICANT(S)			
Name: Mr. Bryo	ce Karger	Name:	
Contact or Agent:	check here if Agent	Contact or Agent:	check here if Agent
Robert H	H. Holder		
Mailing Address: 42	222 85th St.	Mailing Address:	
City: Lubbock		City:	
State: TX	Zip Code: 79423	State:	Zip Code:
Phone: Phone (Work): 806	☐ Home ☐ Cell 5-473-3526	Phone: Phone (Work):	☐ Home ☐ Cell
F-mail (optional):	older@team-psc.com	E-mail (optional):	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	Order@ceam-psc.com		S SZ
	· FOR OSE INTERN.	AL USE	Application for Permit, Form wr.07, Rev. 4/12/12
		3902	Trn Number: 574028
	Trans Description (
	Sub-Basin:	,	
	PCW/LOG Due Dat	e: 8/15/16	



2. WELL(S) Describe the well(s) applicable to this application.

(Lat/Long - WGS84).		-	State Plane (NAD 83), UTM (NAD 83), <u>or</u> Lat e a PLSS location in addition to above.	titude/Longitude
☐ NM State Plane (NAD83) ☐ NM West Zone ☐ NM East Zone ☐ NM Central Zone		JTM (NAD83) (Met]Zone 12N]Zone 13N	ers) Lat/Long (WGS84) 1/10 th of second)	(to the nearest
Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (Quarters or Halves, Section, Townsh - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name	
S8-BH-03	W103 ⁰ 29'30.86"	N032 14'09.18	" Sec. 8, T24, R34	
S9-BH-03	W103 ⁰ 28'29.39"	N032 14'09.06	Sec.9, T24, R34	
S14-BH-03	W103 ⁰ 26'26.55"	N032 13'16.53	Sec.14, T24, R34	
S15-BH-03	W103 ^O 27'28.01"	N032 13'16.68	" Sec.15, T24, R34	
NOTE: If more well location Additional well descriptions			n WR-08 (Attachment 1 – POD Description If yes, how many	s)
Other description relating well	to common landmark	s, streets, or other		
Well is on land owned by: M	.Bert Madera	ā.	· · · · · · · · · · · · · · · · · · ·	
Well Information: NOTE: If n	nore than one (1) we		cribed, provide attachment. Attached? [
Approximate depth of well (fee	et): 170 feet		Outside diameter of well casing (inches):6 - i1	nch(not cased)
Driller Name: Kenny Coo	oper		Oriller License Number: WD-1731	*
S. ADDITIONAL STATEMENTS	OR EXPLANATION	S		
Holes will be d	rilled to ve	erify prese	nce of water.	ENGINEER OFFICE

FOR OSE INTERNAL USE Application for Permit, Form wr-07

File Number: C-3902 Trn Number: 574028

Page 2 of 3



4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory: Include a	Pollution Control and/or Recovery: Include a plan for pollution	Construction De-Watering:	Mine De-Watering: Include a plan for pollution
description of	control/recovery, that includes the	Include a description of the	control/recovery, that includes the following:
any proposed	following:	proposed dewatering	☐ A description of the need for mine
pump test, if	A description of the need for the	operation,	dewatering.
applicable.	pollution control or recovery operation.	The estimated duration of	☐ The estimated maximum period of time
	☐ The estimated maximum period of	the operation,	for completion of the operation.
See	time for completion of the operation.	☐ The maximum amount of	The source(s) of the water to be diverted.
Attachment	☐ The annual diversion amount. ☐ The annual consumptive use	water to be diverted,	The geohydrologic characteristics of the aquifer(s).
A	amount.	A description of the need for the dewatering operation,	The maximum amount of water to be
	The maximum amount of water to be	and.	diverted per annum.
	diverted and injected for the duration of	☐ A description of how the	☐The maximum amount of water to be
	the operation.	diverted water will be disposed	diverted for the duration of the operation.
	The method and place of discharge.	of,	The quality of the water.
Monitoring:	☐ The method of measurement of	Geo-Thermal:	☐The method of measurement of water
☐ Include the reason for the	water produced and discharged. The source of water to be injected.	Include a description of the	diverted.
monitoring	The method of measurement of	geothermal heat exchange project.	☐ The recharge of water to the aquifer. ☐ Description of the estimated area of
well, and,	water injected.	The amount of water to be	hydrologic effect of the project.
☐ The	☐ The characteristics of the aquifer.	diverted and re-injected for the	The method and place of discharge.
duration	☐ The method of determining the	project,	☐An estimation of the effects on surface
of the planned	resulting annual consumptive use of	The time frame for	water rights and underground water rights
monitoring.	water and depletion from any related	constructing the geothermal	from the mine dewatering project.
ĺ	stream system. ☐ Proof of any permit required from the	heat exchange project, and, The duration of the project.	☐A description of the methods employed to estimate effects on surface water rights and
	New Mexico Environment Department.	Preliminary surveys, design	underground water rights.
	☐ An access agreement if the	data, and additional	☐Information on existing wells, rivers,
	applicant is not the owner of the land on	information shall be included to	springs, and wetlands within the area of
	which the pollution plume control or	provide all essential facts	hydrologic effect.
	recovery well is to be located.	relating to the request.	<u> </u>
	ΔC	KNOWLEDGEMENT	
			Sin Sin
I, We (name of a	applicant(s)), Robert	Holly Holder	- PE (Agent)
i, We (name of a	applicant(s)), Robert		-, PE (Agent)
	pplicant(s)), Robert	Holy Holde	- PE (Agent)
	applicant(s)), Robert	Holy Holde	- PE (Agent)
	pplicant(s)), Robert	Holy Holde	- PE (Agent)
	pplicant(s)), Robert	Holdenint Name(s) my, our) knowledge and belief.	
	pplicant(s)), Robert	Holy Holde	
	regoing statements are true to the best of (Jed Holle- ure	int Name(s) my, our) knowledge and belief. Applicant Signature	
	regoing statements are true to the best of (Jed Holle- ure	Holdenint Name(s) my, our) knowledge and belief.	
	regoing statements are true to the best of (Jed Holle- ure	int Name(s) my, our) knowledge and belief. Applicant Signature	
	regoing statements are true to the best of (Jed Holle- ure	int Name(s) my, our) knowledge and belief. Applicant Signature OF THE STATE ENGINEER This application is:	
Applicant Signat	regoing statements are true to the best of (Action of exercised to the detriment of any others is	int Name(s) my, our) knowledge and belief. Applicant Signature OF THE STATE ENGINEER This application is: partially approved having existing rights, and is not contained.	denied ontrary to the conservation of water in New
Applicant Signat	regoing statements are true to the best of (Action (Approved	int Name(s) my, our) knowledge and belief. Applicant Signature OF THE STATE ENGINEER This application is: partially approved having existing rights, and is not contained.	denied ontrary to the conservation of water in New
Applicant Signate	regoing statements are true to the best of (ACTION of the exercised to the detriment of any others in the regoing statement of the public welfare and further successions.	int Name(s) my, our) knowledge and belief. Applicant Signature OF THE STATE ENGINEER This application is: partially approved having existing rights, and is not considered to the attached conditions of	denied ontrary to the conservation of water in New approval.
Applicant Signate	regoing statements are true to the best of (ACTION of the exercised to the detriment of any others in the regoing statement of the public welfare and further successions.	int Name(s) my, our) knowledge and belief. Applicant Signature OF THE STATE ENGINEER This application is: partially approved having existing rights, and is not considered to the attached conditions of	denied ontrary to the conservation of water in New approval.
Applicant Signate provided it is not Mexico nor detri	regoing statements are true to the best of (ACTION of approved of exercised to the public welfare and further such and seal this 17th day of Au	int Name(s) my, our) knowledge and belief. Applicant Signature OF THE STATE ENGINEER This application is: partially approved having existing rights, and is not considered to the attached conditions of	denied ontrary to the conservation of water in New approval.
Applicant Signate provided it is not Mexico nor detri	regoing statements are true to the best of (ACTION of the exercised to the detriment of any others in the regoing statement of the public welfare and further successions.	int Name(s) my, our) knowledge and belief. Applicant Signature OF THE STATE ENGINEER This application is:	denied ontrary to the conservation of water in New approval.
Applicant Signate provided it is not Mexico nor detri	regoing statements are true to the best of (ACTION of approved of exercised to the public welfare and further such and seal this 17th day of Au	int Name(s) my, our) knowledge and belief. Applicant Signature OF THE STATE ENGINEER This application is: partially approved having existing rights, and is not considered to the attached conditions of	denied ontrary to the conservation of water in New approval.
Applicant Signat provided it is not Mexico nor detri Witness my hand	regoing statements are true to the best of (ACTION of approved of exercised to the public welfare and further such and seal this 17th day of Au	int Name(s) my, our) knowledge and belief. Applicant Signature OF THE STATE ENGINEER This application is:	denied ontrary to the conservation of water in New approval.
provided it is no Mexico nor detri	regoing statements are true to the best of (ACTION of approved of exercised to the public welfare and further such and seal this 17th day of Au	int Name(s) my, our) knowledge and belief. Applicant Signature OF THE STATE ENGINEER This application is:	denied ontrary to the conservation of water in New approval.
Applicant Signat provided it is not Mexico nor detri Witness my hand	regoing statements are true to the best of (ACTION of approved of exercised to the public welfare and further such and seal this 17th day of Au	int Name(s) my, our) knowledge and belief. Applicant Signature OF THE STATE ENGINEER This application is:	denied ontrary to the conservation of water in New approval.
provided it is no Mexico nor detri Witness my hand Tom B1a By: Signature	regoing statements are true to the best of (Action of the exercised to the detriment of any others in the seal this 17th day of Austral of P.E.	int Name(s) my, our) knowledge and belief. Applicant Signature OF THE STATE ENGINEER This application is:	denied ontrary to the conservation of water in New approval.
provided it is no Mexico nor detri Witness my hand Tom B1a By: Signature Title:	regoing statements are true to the best of (ACTION of approved of exercised to the public welfare and further such and seal this 17th day of Au	int Name(s) my, our) knowledge and belief. Applicant Signature OF THE STATE ENGINEER This application is:	denied ontrary to the conservation of water in New approval.
provided it is no Mexico nor detri Witness my hand Tom B1a By: Signature	regoing statements are true to the best of (Action of the exercised to the detriment of any others in the seal this 17th day of Austral of P.E.	int Name(s) my, our) knowledge and belief. Applicant Signature OF THE STATE ENGINEER This application is:	denied ontrary to the conservation of water in New approval.
provided it is no Mexico nor detri Witness my hand Tom B1a By: Signature Title:	regoing statements are true to the best of (ACTION of the exercised to the detriment of any others in the mand seal this 17th day of August 17th day of August 17th August 1	int Name(s) my, our) knowledge and belief. Applicant Signature OF THE STATE ENGINEER This application is:	denied ontrary to the conservation of water in New approval.

Released to Imaging: 2/22/2023 11:33:23 AM

Page 3 of 3

NEW MEXICO STATE ENGINEER OFFICE PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL

- Depth of the well shall not exceed the thickness of the valley fill.
- No water shall be appropriated and beneficially used under this permit.
- The well shall be plugged upon completion of the permitted use, and a plugging report shall be filed with the State Engineer within 10 days.
- The Permittee shall utilize the highest and best technology 7 available to ensure conservation of water to the maximum extent practical.
- The well shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated.
- Driller's well record must be filed with the State Engineer within C 20 days after the well is drilled or driven. Well record forms will be provided by the State Engineer upon request.
- C2 No water shall be diverted from this well except for testing purposes which shall not exceed ten (10) cumulative days, and well shall be plugged or capped on or before , unless a permit to use water from this well is acquired from the Office of the State Engineer.
- If artesian water is encountered, all rules and regulations pertaining to the drilling and casing of artesian wells shall be complied with.

Trn Desc: C 03902 File Number: C 03902 Trn Number: 574028

page: 1

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NEW MEXICO STATE ENGINEER OFFICE PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

- P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between geologic zones.
- LOG The Point of Diversion C 03902 POD1 must be completed and the Well Log filed on or before 08/17/2016.
- LOG The Point of Diversion C 03902 POD2 must be completed and the Well Log filed on or before 08/17/2016.
- LOG The Point of Diversion C 03902 POD3 must be completed and the Well Log filed on or before 08/17/2016.
- LOG The Point of Diversion C 03902 POD4 must be completed and the Well Log filed on or before 08/17/2016.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd: Date Rcvd. Corrected:
Formal Application Rcvd: 08/17/2015 Pub. of Notice Ordered:
Date Returned - Correction: Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 17 day of Aug A.D.,

Tom Blaine, P.E.

, State Engineer

By:

JUAN HERMANDEZ

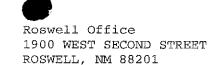
File Number: C 03902

Trn Number: <u>574028</u>

Trn Desc: C 03902

Tom Blaine, P.E. State Engineer





STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr: 574028 File Nbr: C 03902

Aug. 17, 2015

BRYCE KARGER 4222 85TH ST LUBBOCK, TX 79423

Greetings:

Enclosed is your copy of the above numbered permit that has been approved subject to the conditions set forth on the approval page. In accordance with the conditions of approval, the well can only be tested for 10 cumulative days, and the well is to be plugged on or before 08/17/2016, unless a permit to use the water is acquired from this office.

A Well Record & Log (OSE Form wr-20) shall be filed in this office within twenty (20) days after completion of drilling, but no later than 08/17/2016.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us or will be mailed upon request.

Sincerely,

Andrew Dennis (575)622-6521

Enclosure

explore

Locator Tool Report

General Information:

Application ID:29

Date: 08-17-2015

Time: 13:29:49

WR File Number: C-03902-POD1

Purpose: POINT OF DIVERSION

Applicant First Name: KARGER Applicant Last Name: BRYCE

GW Basin: CARLSBAD

County: LEA

Critical Management Area Name(s): NONE Special Condition Area Name(s): NONE

Land Grant Name: NON GRANT

PLSS Description (New Mexico Principal Meridian):

SW 1/4 of SW 1/4 of NW 1/4 of NE 1/4 of Section 08, Township 24S, Range 34E.

Coordinate System Details:

Geographic Coordinates:

Latitude: Longitude: 32 Degrees 14 Minutes 9.2 Seconds N

103 Degrees 29 Minutes 30.9 Seconds W

Universal Transverse Mercator Zone: 13N

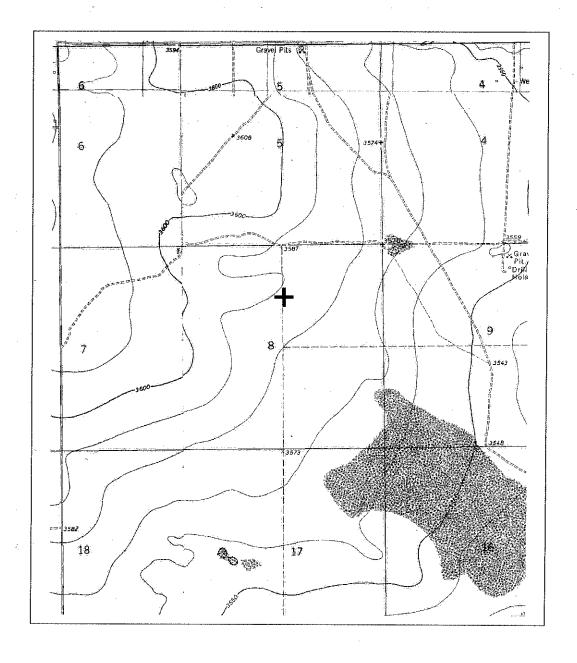
NAD 1983(92) (Meters)	N: 3,567,580	E: 642,089
NAD 1983(92) (Survey Feet)	N: 11,704,634	E: 2,106,586
NAD 1927 (Meters)	N: 3,567,378	E: 642,137
NAD 1927 (Survey Feet)	N: 11,703,973	E: 2,106,744

State Plane Coordinate System Zone: New Mexico East

NAD 1983(92) (Meters)	N: 137,333	E: 244,299
NAD 1983(92) (Survey Feet)	N: 450.567	E: 801.504
NAD 1927 (Meters)	N: 137,315	E: 231,746
NAD 1927 (Survey Feet)	N: 450.508	E: 760.320

NEW MEXICO OFFICE OF STATE ENGINEER

Locator Tool Report





WR File Number: C-03902-POD1 Scale: 1:29,928

GW Basin: Carlsbad

Page 2 of 2 Print Date: 08/17/2015

Locator Tool Report

General Information:

Application ID:29

Date: 08-17-2015

Time: 13:35:31

WR File Number: C-03902-POD2

Purpose: POINT OF DIVERSION

Applicant First Name: KARGER Applicant Last Name: BRYCE

GW Basin: CARLSBAD

County: LEA

Critical Management Area Name(s): NONE Special Condition Area Name(s): NONE

Land Grant Name: NON GRANT

PLSS Description (New Mexico Principal Meridian):

SW 1/4 of SW 1/4 of NW 1/4 of NE 1/4 of Section 09, Township 24S, Range 34E.

Coordinate System Details:

Geographic Coordinates:

Latitude:

32 Degrees 14 Minutes 9.1 Seconds N

Longitude:

103 Degrees 28 Minutes 29.4 Seconds W

Universal Transverse Mercator Zone: 13N

NAD 1983(92) (Meters) NAD 1983(92) (Survey Feet) NAD 1927 (Meters) NAD 1927 (Survey Feet)

N: 3,567,599 E: 643,698 N: 11,704,697 E: 2,111,865

N: 3,567,397 E: 643,746 N: 11,704,035 E: 2,112,023

State Plane Coordinate System Zone: New Mexico East

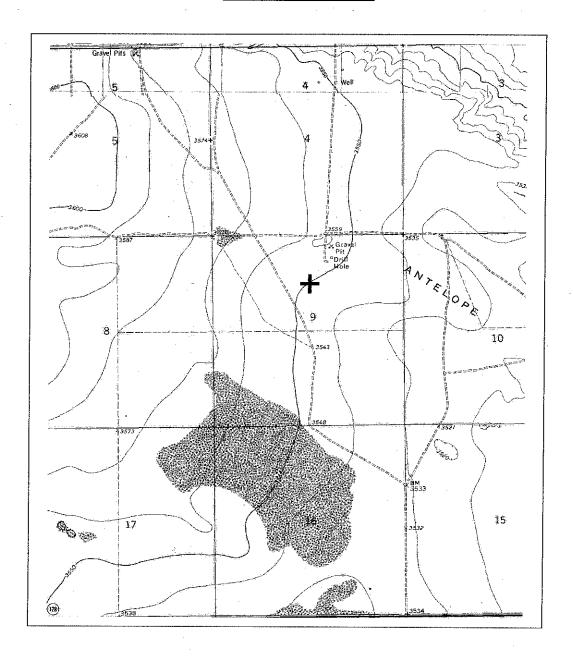
NAD 1983(92) (Meters) NAD 1983(92) (Survey Feet) NAD 1927 (Meters) NAD 1927 (Survey Feet)

N: 137,342 E: 245,908 N: 450,597 E: 806,784 N: 137,324

E: 233,355 N: 450,538 E: 765,600

NEW MEXICO OFFICE OF STATE ENGINEER

Locator Tool Report





Northing/Easting: SPCS83(92) (Feet): N: 450,597 E: 806,784

GW Basin: Carlsbad

Page 2 of 2 Print Date: 08/17/2015

Locator Tool Report

General Information:

Application ID:29

Date: 08-17-2015

Time: 13:50:10

WR File Number: C-03902-POD

Purpose: POINT OF DIVERSION

Applicant First Name: KARGER Applicant Last Name: BRYCE

GW Basin: CARLSBAD

County: LEA

Critical Management Area Name(s): NONE Special Condition Area Name(s): NONE

Land Grant Name: NON GRANT

PLSS Description (New Mexico Principal Meridian):

SW 1/4 of SW 1/4 of NW 1/4 of NE 1/4 of Section 14, Township 24S, Range 34E.

Coordinate System Details:

Geographic Coordinates:

Latitude:

32 Degrees 13 Minutes 16.5 Seconds N

Longitude:

103 Degrees 26 Minutes 26.6 Seconds W

Universal Transverse Mercator Zone: 13N

 NAD 1983(92) (Meters)
 N: 3,566,027
 E: 646,937

 NAD 1983(92) (Survey Feet)
 N: 11,699,541
 E: 2,122,491

 NAD 1927 (Meters)
 N: 3,565,826
 E: 646,985

 NAD 1927 (Survey Feet)
 N: 11,698,879
 E: 2,122,648

State Plane Coordinate System Zone: New Mexico East

 NAD 1983(92) (Meters)
 N: 135,750
 E: 249,138

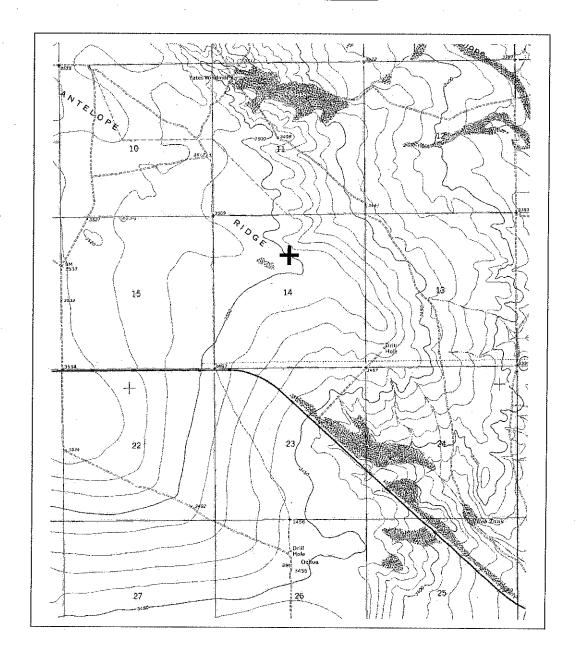
 NAD 1983(92) (Survey Feet)
 N: 445,374
 E: 817,379

 NAD 1927 (Meters)
 N: 135,732
 E: 236,584

 NAD 1927 (Survey Feet)
 N: 445,315
 E: 776,194

NEW MEXICO OFFICE OF STATE ENGINEER

Locator Tool Report





WR File Number: C-03902-POD Scale: 1:40,009

GW Basin: Carlsbad

Page 2 of 2 Print Date: 08/17/2015

Locator Tool Report

General Information:

Application ID:29

Date: 08-17-2015

Time: 13:41:54

WR File Number: C-03902-POD4

Purpose: POINT OF DIVERSION

Applicant First Name: KARGER Applicant Last Name: BRYCE

> GW Basin: CARLSBAD County: LEA

Critical Management Area Name(s): NONE Special Condition Area Name(s): NONE

Land Grant Name: NON GRANT

PLSS Description (New Mexico Principal Meridian):

SW 1/4 of SW 1/4 of NW 1/4 of NE 1/4 of Section 15, Township 24S, Range 34E.

Coordinate System Details:

Geographic Coordinates:

Latitude:

32 Degrees 13 Minutes 16.7 Seconds N

Longitude:

103 Degrees 27 Minutes 28.0 Seconds W

Universal Transverse Mercator Zone: 13N

NAD 1983(92) (Meters) NAD 1983(92) (Survey Feet) NAD 1927 (Meters) NAD 1927 (Survey Feet)

N: 3,566,009 E: 645,328 N: 11,699,481 E: 2,117,214 N: 3,565,807 E: 645,376

N: 11,698,820 E: 2,117,371

State Plane Coordinate System Zone: New Mexico East

NAD 1983(92) (Meters) NAD 1983(92) (Survey Feet) NAD 1927 (Meters) NAD 1927 (Survey Feet)

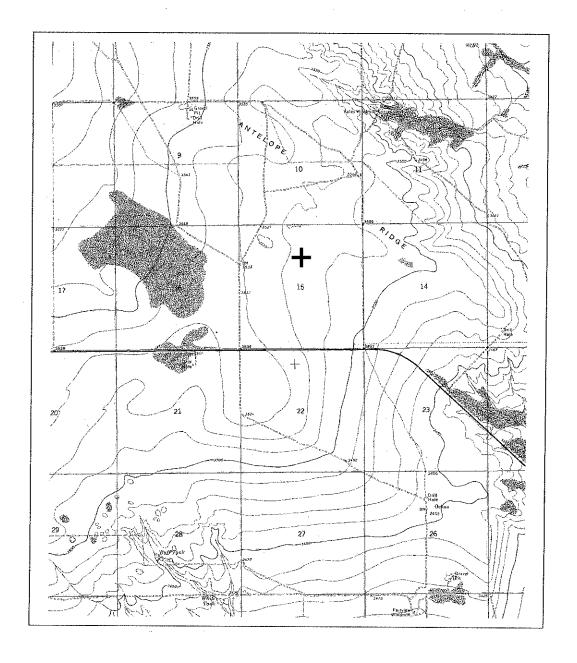
N: 135,742 E: 247,529 N: 445,347 N: 135,724

N: 445,288

E: 812,101 E: 234,976 E: 770,916

NEW MEXICO OFFICE OF STATE ENGINEER

Locator Tool Report





Northing/Easting: UTM83(92) (Meter): N: 3,566,009

E: 645,328

Northing/Easting: SPCS83(92) (Feet): N: 445,347

E: 812,101

GW Basin: Carlsbad

Page 2 of 2

Print Date: 08/17/2015

El Paso, Texas 79901 915.533.6811



ATTACHMENT A

Application for Permit, Form wr-07, Rev 4/12/12

If after 24-hours following drilling water is found, we propose to pump the water column and observe if water returns.

NAPP2219452897 | ANTELOPE RIDGE CDP BOOSTER



8/26/2022, 4:03:35 PM

GIS WATERS PODs

Pending

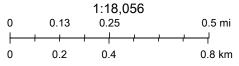
OSE District Boundary

Water Right Regulations New Mexico State Trust Lands

Closure Area

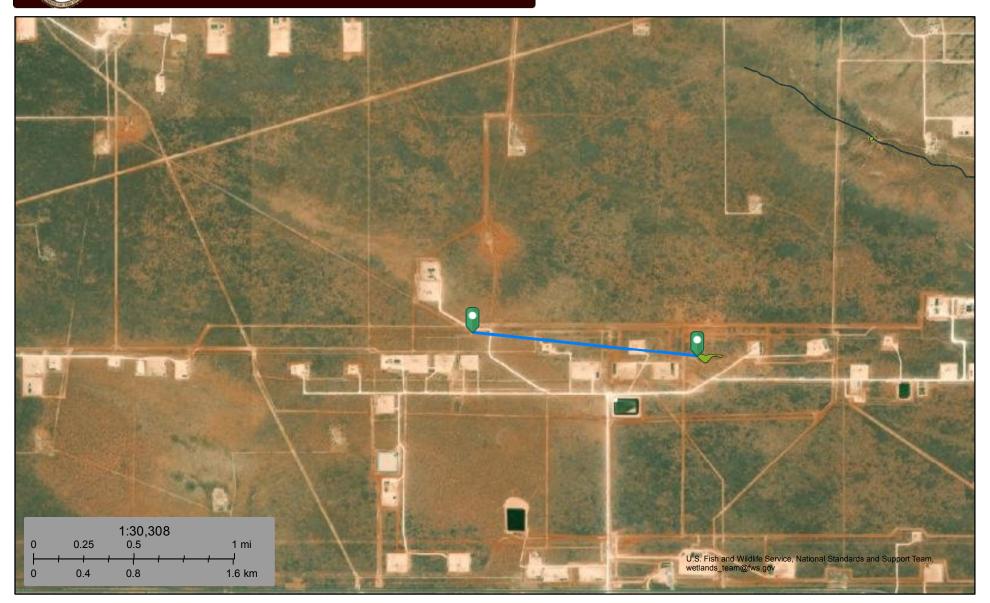
Both Estates





Esri, HERE, GeoTechnologies, Inc., Esri, HERE, Garmin, GeoTechnologies, Inc., U.S. Department of Energy Office of Legacy Management, Maxar

U.S. Fish and Wildlife Service National Wetlands Inventory





Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Pond

Lake

Freshwater Forested/Shrub Wetland

Riverine

Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Flood Hazard Layer FIRMette





Legend

Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF Area with Flood Risk due to Levee Zone D FLOOD HAZARD NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLIL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation **Coastal Transect** ---- 513---- Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary **Coastal Transect Baseline** OTHER **Profile Baseline FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped The pin displayed on the map is an approximate

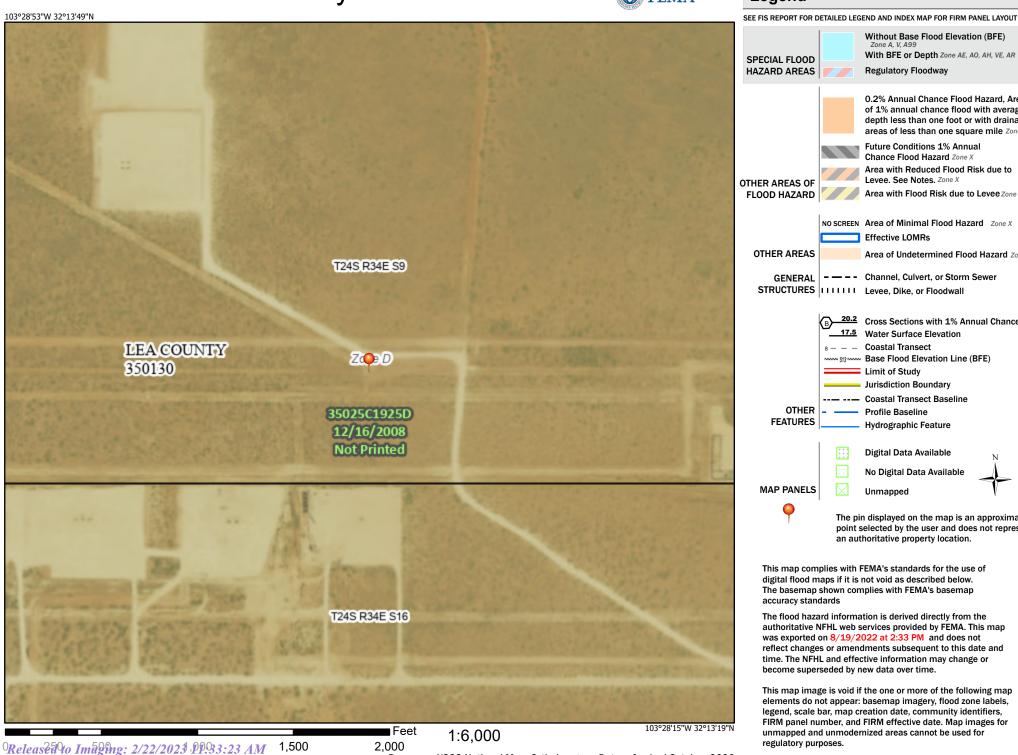
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

point selected by the user and does not represent

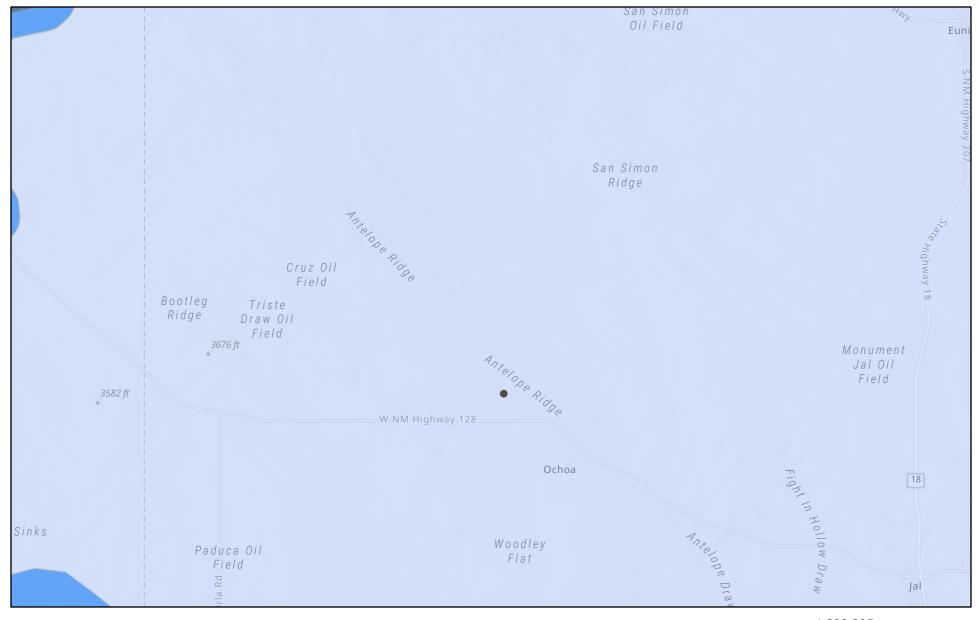
an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/19/2022 at 2:33 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



NAPP2219452897 | ANTELOPE RIDGE CDP BOOSTER



8/18/2022, 1:07:39 PM

High

Karst Occurrence Potential

al Medium
Low

1:288,895 0 2 4 8 mi 1 3.25 6.5 13 km

BLM, OCD, New Mexico Tech, Esri, NASA, NGA, USGS, New Mexico State University, Texas Parks & Wildlife, CONANP, Esri, HERE, Garmin,



Soil Map—Lea County, New Mexico (NAPP2219452897 | ANTELOPE RIDGE CDP BOOSTER)

MAP LEGEND

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Water Features

Transportation

Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

US Routes

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

Aerial Photography

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Points

Special Point Features

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Landfill

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

+ Saline Spot

Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20.000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 18, Sep 10, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BE	Berino-Cacique loamy fine sands association	6.4	17.3%
BF	Berino-Cacique fine sandy loams association	14.8	40.2%
ВН	Berino-Cacique association, hummocky	15.7	42.5%
Totals for Area of Interest		36.8	100.0%



November 07, 2022

DAN DUNKELBERG
TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS, NM 88241

RE: ANTELOPE RIDGE CDP

Enclosed are the results of analyses for samples received by the laboratory on 11/01/22 15:52.

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:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

 Received:
 11/01/2022
 Sampling Date:
 11/01/2022

 Reported:
 11/07/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: MEWBOURNE - LEA CO., NM

mg/kg

Sample ID: SP-008-01.0-HN-P (H225138-01)

BTEX 8021B

DILX 0021D	ilig	r kg	Allalyze	a by. 311/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/06/2022	ND	2.01	100	2.00	0.379	
Toluene*	<0.050	0.050	11/06/2022	ND	2.06	103	2.00	0.402	
Ethylbenzene*	<0.050	0.050	11/06/2022	ND	2.05	102	2.00	1.21	
Total Xylenes*	<0.150	0.150	11/06/2022	ND	6.20	103	6.00	0.906	
Total BTEX	<0.300	0.300	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 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	80.0	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	11/03/2022	ND	213	106	200	7.59	
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	240	120	200	18.0	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					
Surrogate: 1-Chlorooctane	79.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.3	% 46.3-17	8						

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Celeg D. Freene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received: 11/01/2022 Sampling Date: 11/01/2022 Reported: 11/07/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: SP-001-01.0-HN-P (H225138-02)

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	11/06/2022	ND	2.01	100	2.00	0.379	
Toluene*	<0.050	0.050	11/06/2022	ND	2.06	103	2.00	0.402	
Ethylbenzene*	<0.050	0.050	11/06/2022	ND	2.05	102	2.00	1.21	
Total Xylenes*	<0.150	0.150	11/06/2022	ND	6.20	103	6.00	0.906	
Total BTEX	<0.300	0.300	11/06/2022	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	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	11/03/2022	ND	213	106	200	7.59	
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	240	120	200	18.0	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					
Surrogate: 1-Chlorooctane	74.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.4	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received: 11/01/2022 Sampling Date: 11/01/2022 Reported: 11/07/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-002-01.0-NA-P (H225138-03)

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	11/06/2022	ND	2.01	100	2.00	0.379	
Toluene*	<0.050	0.050	11/06/2022	ND	2.06	103	2.00	0.402	
Ethylbenzene*	<0.050	0.050	11/06/2022	ND	2.05	102	2.00	1.21	
Total Xylenes*	<0.150	0.150	11/06/2022	ND	6.20	103	6.00	0.906	
Total BTEX	<0.300	0.300	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 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	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	11/03/2022	ND	213	106	200	7.59	
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	240	120	200	18.0	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					
Surrogate: 1-Chlorooctane	89.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	6 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

HOBBS NM, 88241 Fax To: NONE

Received: 11/01/2022 Sampling Date: 11/01/2022

Reported: 11/07/2022 Sampling Type: Soil
Project Name: ANTELOPE RIDGE CDP Sampling Condition: **(

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-003-01.0-NA-P (H225138-04)

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	11/06/2022	ND	2.01	100	2.00	0.379	
Toluene*	<0.050	0.050	11/06/2022	ND	2.06	103	2.00	0.402	
Ethylbenzene*	<0.050	0.050	11/06/2022	ND	2.05	102	2.00	1.21	
Total Xylenes*	<0.150	0.150	11/06/2022	ND	6.20	103	6.00	0.906	
Total BTEX	<0.300	0.300	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 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	224	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	11/03/2022	ND	213	106	200	7.59	
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	240	120	200	18.0	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					
Surrogate: 1-Chlorooctane	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	122	% 46.3-17	<i>'8</i>						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

HOBBS NM, 88241 Fax To: NONE

Received: 11/01/2022 Sampling Date: 11/01/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: MEWBOURNE - LEA CO., NM

mg/kg

Sample ID: CF-004-01.0-NA-P (H225138-05)

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	11/06/2022	ND	2.01	100	2.00	0.379	
Toluene*	<0.050	0.050	11/06/2022	ND	2.06	103	2.00	0.402	
Ethylbenzene*	<0.050	0.050	11/06/2022	ND	2.05	102	2.00	1.21	
Total Xylenes*	<0.150	0.150	11/06/2022	ND	6.20	103	6.00	0.906	
Total BTEX	<0.300	0.300	11/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 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	384	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	11/03/2022	ND	213	106	200	7.59	
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	240	120	200	18.0	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					
Surrogate: 1-Chlorooctane	104	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	122	% 46.3-17	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Company Name: Trinity Oilfield Services	rvices	BILL TO				ANALYSIS REQUEST	×
Project Manager: Dan Dunkelberg		P.O. #:		-	-	CHARLES OF STREET	
Address: 8426 N Dal Paso		Company: Mewbourne Oil Co.	Oil Co.	_			
City: Hobbs	State: NM Zip: 88241		ker		_		_
Phone #:	Fax #:	ess:			_		
Project #:	Project Owner: (see below)	City:			-		_
Project Name: ANTELOPE RIDGE CDP	dan@trinityoilfie	State: 7in:			_	_	
Project Location: Lea Co., NM		# _		_	_	_	_
Sampler Name: XT		Fay#					
non-Aprilan Carlo		1 0					
TOR DOE ONLY	MATRIX	PRESERV.	SAMPLING				
Haasisp	AB OR (C)OMP NTAINERS JNDWATER FEWATER	BASE:		ide			
Lab I.D. Samp	(G)R. # CO GRO WAS' SOIL OIL	OTHE ACID. OTHE	TIME	Chlor	BTEX		
	G 1 ×	11/1/2022	-	+	×		
SP-001-01.0-HN-P	G 1 X	11/1/2022		+	×		
GF-002-01.0-NA-P	C 1 ×	11/1/2022		+	×		
CF-003-01.0-NA-P	C 1 ×	11/1/2022		+	×		
CF-004-01.0-NA-P	C 1	11/1/2022		+	× ;		
				+	>		
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				+	+		
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analyses. All claims including those for negligence and any ot	analyses. All claims including those for regligence and any other cause whatsoever shall be deemed valved unless made in writing and received by Cardinal within 30 days after conclusion of the annual paid by the claim to the	contract or tort, shall be limited to the amounts of the contract or tort, shall be limited to the amounts of the contract of	ant paid by the client for the	Englis			
affiliates or successors arising out of or related to the perform.	affiliates or successors arising out of or related to the performance of services herunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	ptions, loss of use, or loss of profits incurre h claim is based upon any of the above sta	d by client, its subsidiaries, ted reasons or otherwise.				
Kelinquished By:	Date: Received By:		Verbal Result:	Yes	No	Add'l Phone #:	
X-Pull lake	Timps: 52 SPQ	reigner	All Results are emailed. Please provide Email address:	iiled. Please pr	rovide Email addr		
Relinquished By:	Date: Received By:		REMARKS:				
	Time:						
Delivered By: (Circle One)	Observed Temp. °C Sample Condition	on CHECKED BY:	Turnaround Time:		Standard		
Sampler - LIPS - Rus - Other	Cool Intact	(Initials)				Cool Intact Observe	Observed Temp. °C
CHIEF.	Corrected lemp. "C Yes Yes No No No		Thermometer ID #113			Yes	



November 03, 2022

DAN DUNKELBERG
TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS, NM 88241

RE: ANTELOPE RIDGE CDP

Enclosed are the results of analyses for samples received by the laboratory on 10/27/22 15:42.

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:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

 Received:
 10/27/2022
 Sampling Date:
 10/27/2022

 Reported:
 11/03/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

Applyand By 1H /

Project Location: LEA CO., NM

Sample ID: SP-001-00.0-V-P (H225082-01)

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	11/03/2022	ND	1.82	91.1	2.00	4.11	
Toluene*	<0.050	0.050	11/03/2022	ND	2.00	99.9	2.00	3.93	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.07	103	2.00	2.70	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.38	106	6.00	1.55	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 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	1480	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	234	117	200	10.8	
DRO >C10-C28*	21.3	10.0	11/01/2022	ND	217	109	200	12.1	
EXT DRO >C28-C36	15.7	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112	% 46.3-17	8						

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Mr. Songh



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/03/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Tamara Oldaker Project Number: LEA CO., NM Sample Received By:

Project Location: LEA CO., NM

Sample ID: SP-001-01.0-V-P (H225082-02)

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	11/03/2022	ND	1.85	92.7	2.00	7.03	
Toluene*	<0.050	0.050	11/03/2022	ND	2.23	111	2.00	6.84	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.15	107	2.00	5.10	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.56	109	6.00	5.68	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 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	192	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	234	117	200	10.8	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	217	109	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	99.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

 Received:
 10/27/2022
 Sampling Date:
 10/27/2022

 Reported:
 11/03/2022
 Sampling Type:
 Soil

Reported: 11/03/2022 Sampling Type: Soil
Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Fax To:

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

Applyzod By: 14

NONE

Project Location: LEA CO., NM

Sample ID: SP-002-00.0-V-P (H225082-03)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2022	ND	1.85	92.7	2.00	7.03	
Toluene*	<0.050	0.050	11/03/2022	ND	2.23	111	2.00	6.84	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.15	107	2.00	5.10	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.56	109	6.00	5.68	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 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	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	234	117	200	10.8	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	217	109	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	91.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.3	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/03/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: SP-002-01.0-V-P (H225082-04)

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	11/03/2022	ND	1.85	92.7	2.00	7.03	
Toluene*	<0.050	0.050	11/03/2022	ND	2.23	111	2.00	6.84	
Ethylbenzene*	< 0.050	0.050	11/03/2022	ND	2.15	107	2.00	5.10	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.56	109	6.00	5.68	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 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	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	234	117	200	10.8	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	217	109	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	84.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.6	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received: 10/27/2022 Sampling Date: 10/27/2022 Reported: 11/03/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Tamara Oldaker Project Number: LEA CO., NM Sample Received By:

Project Location: LEA CO., NM

Sample ID: SP-003-00.0-V-P (H225082-05)

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	11/03/2022	ND	1.85	92.7	2.00	7.03	
Toluene*	<0.050	0.050	11/03/2022	ND	2.23	111	2.00	6.84	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.15	107	2.00	5.10	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.56	109	6.00	5.68	
Total BTEX	<0.300	0.300	11/03/2022	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	<16.0	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	234	117	200	10.8	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	217	109	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	97.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 9	6 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/03/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: LEA CO., NM

Sample ID: SP-003-01.0-V-P (H225082-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2022	ND	1.85	92.7	2.00	7.03	
Toluene*	<0.050	0.050	11/03/2022	ND	2.23	111	2.00	6.84	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.15	107	2.00	5.10	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.56	109	6.00	5.68	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 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	32.0	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	234	117	200	10.8	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	217	109	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117	% 46.3-17	8						
0									

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/03/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: LEA CO., NM

mg/kg

Sample ID: SP-004-00.0-V-P (H225082-07)

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	11/03/2022	ND	1.85	92.7	2.00	7.03	
Toluene*	<0.050	0.050	11/03/2022	ND	2.23	111	2.00	6.84	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.15	107	2.00	5.10	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.56	109	6.00	5.68	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 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	16.0	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	234	117	200	10.8	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	217	109	200	12.1	
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						

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

Released to Imaging: 2/22/2023 11:33:23 AM



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/03/2022 Sampling Type: Soil

Fax To:

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

Applyzod By: 14

NONE

Project Location: LEA CO., NM

Sample ID: SP-004-01.0-V-P (H225082-08)

RTFY 8021R

B1EX 8021B	mg,	кg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2022	ND	1.85	92.7	2.00	7.03	
Toluene*	<0.050	0.050	11/03/2022	ND	2.23	111	2.00	6.84	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.15	107	2.00	5.10	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.56	109	6.00	5.68	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 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	96.0	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	234	117	200	10.8	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	217	109	200	12.1	
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						

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Mr. Songh



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/03/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: SP-005-00.0-V-P (H225082-09)

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	11/03/2022	ND	1.85	92.7	2.00	7.03	
Toluene*	<0.050	0.050	11/03/2022	ND	2.23	111	2.00	6.84	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.15	107	2.00	5.10	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.56	109	6.00	5.68	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 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	<16.0	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	234	117	200	10.8	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	217	109	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	112	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	125	% 46.3-17	78						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Received: 10/27/2022 Sampling Date: 10/27/2022

NONE

Reported: 11/03/2022 Sampling Type: Soil
Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Fax To:

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker
Project Location: LEA CO., NM

Sample ID: SP-005-01.0-V-P (H225082-10)

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	11/03/2022	ND	1.85	92.7	2.00	7.03	
Toluene*	<0.050	0.050	11/03/2022	ND	2.23	111	2.00	6.84	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.15	107	2.00	5.10	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.56	109	6.00	5.68	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 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	1230	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	215	108	200	3.01	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	186	93.0	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	103	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	115	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Received: 10/27/2022 Sampling Date: 10/27/2022

NONE

Reported: 11/03/2022 Sampling Type: Soil
Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Fax To:

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker
Project Location: LEA CO., NM

Sample ID: SP-005-02.0-V-P (H225082-11)

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	11/03/2022	ND	1.85	92.7	2.00	7.03	
Toluene*	<0.050	0.050	11/03/2022	ND	2.23	111	2.00	6.84	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.15	107	2.00	5.10	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.56	109	6.00	5.68	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 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	368	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	215	108	200	3.01	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	186	93.0	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	118 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	131 9	% 46.3-17	8						

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

Released to Imaging: 2/22/2023 11:33:23 AM



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/03/2022 Sampling Type: Soil

Fax To:

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

Analyzed By: JH

NONE

Project Location: LEA CO., NM

mg/kg

Sample ID: SP-006-00.0-V-P (H225082-12)

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	11/03/2022	ND	1.85	92.7	2.00	7.03	
Toluene*	<0.050	0.050	11/03/2022	ND	2.23	111	2.00	6.84	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.15	107	2.00	5.10	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.56	109	6.00	5.68	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 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	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	215	108	200	3.01	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	186	93.0	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	117	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	132	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/03/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Project Number: Sample Received By: LEA CO., NM Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: SP-006-01.0-V-P (H225082-13)

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	11/03/2022	ND	1.85	92.7	2.00	7.03	
Toluene*	<0.050	0.050	11/03/2022	ND	2.23	111	2.00	6.84	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.15	107	2.00	5.10	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.56	109	6.00	5.68	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 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	224	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	215	108	200	3.01	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	186	93.0	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	103 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116 %	6 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

 Received:
 10/27/2022
 Sampling Date:
 10/27/2022

 Reported:
 11/03/2022
 Sampling Type:
 Soil

NONE

Reported: 11/03/2022 Sampling Type: Soil
Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Fax To:

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker
Project Location: LEA CO., NM

Analyzed By: JH

Sample ID: SP-006-02.0-V-P (H225082-14)

Sample 1D: SP-006-02.0-V-P (H225082-14) BTEX 8021B mg/kg

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2022	ND	1.85	92.7	2.00	7.03	
Toluene*	<0.050	0.050	11/03/2022	ND	2.23	111	2.00	6.84	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.15	107	2.00	5.10	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.56	109	6.00	5.68	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 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	336	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	215	108	200	3.01	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	186	93.0	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	110	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	123	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/03/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: LEA CO., NM

mg/kg

Sample ID: SP-006-03.0-V-P (H225082-15)

BTEX 8021B

	<u> </u>			. ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2022	ND	1.85	92.7	2.00	7.03	
Toluene*	<0.050	0.050	11/03/2022	ND	2.23	111	2.00	6.84	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.15	107	2.00	5.10	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.56	109	6.00	5.68	
Total BTEX	<0.300	0.300	11/03/2022	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	400	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	215	108	200	3.01	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	186	93.0	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	110	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	124	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/03/2022 Sampling Type: Soil

Fax To:

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

Applyzod By: 14

NONE

Project Location: LEA CO., NM

Sample ID: SP-006-04.0-V-P (H225082-16)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2022	ND	1.85	92.7	2.00	7.03	
Toluene*	<0.050	0.050	11/03/2022	ND	2.23	111	2.00	6.84	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.15	107	2.00	5.10	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.56	109	6.00	5.68	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 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	816	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	215	108	200	3.01	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	186	93.0	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	99.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110	% 46.3-17	78						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/03/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: LEA CO., NM

mg/kg

Sample ID: SP-007-00.0-V-P (H225082-17)

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	11/03/2022	ND	1.85	92.7	2.00	7.03	
Toluene*	<0.050	0.050	11/03/2022	ND	2.23	111	2.00	6.84	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.15	107	2.00	5.10	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.56	109	6.00	5.68	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 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	112	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	215	108	200	3.01	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	186	93.0	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	93.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/03/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: LEA CO., NM

mg/kg

Sample ID: SP-007-01.0-V-P (H225082-18)

BTEX 8021B

	<u> </u>			. ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2022	ND	1.85	92.7	2.00	7.03	
Toluene*	<0.050	0.050	11/03/2022	ND	2.23	111	2.00	6.84	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.15	107	2.00	5.10	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.56	109	6.00	5.68	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 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	1410	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	215	108	200	3.01	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	186	93.0	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	98.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/03/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: LEA CO., NM

mg/kg

Sample ID: SP-007-02.0-V-P (H225082-19)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2022	ND	1.85	92.7	2.00	7.03	
Toluene*	<0.050	0.050	11/03/2022	ND	2.23	111	2.00	6.84	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.15	107	2.00	5.10	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.56	109	6.00	5.68	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 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	11/01/2022	ND	215	108	200	3.01	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	186	93.0	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	95.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 46.3-17	78						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/03/2022 Sampling Type: Soil

Fax To:

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

Analyzed By: JH

NONE

Project Location: LEA CO., NM

mg/kg

Sample ID: SP-007-03.0-V-P (H225082-20)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2022	ND	1.85	92.7	2.00	7.03	
Toluene*	<0.050	0.050	11/03/2022	ND	2.23	111	2.00	6.84	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.15	107	2.00	5.10	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.56	109	6.00	5.68	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 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	1060	16.0	11/01/2022	ND	400	100	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	11/01/2022	ND	215	108	200	3.01	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	186	93.0	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	104	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	115	% 46.3-17	8						

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Mile Sough



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/03/2022 Sampling Type: Soil

Fax To:

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Tamara Oldaker Project Number: LEA CO., NM Sample Received By:

NONE

Project Location: LEA CO., NM

Sample ID: SP-009-00.0-V-P (H225082-21)

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	11/03/2022	ND	1.85	92.7	2.00	7.03	
Toluene*	<0.050	0.050	11/03/2022	ND	2.23	111	2.00	6.84	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.15	107	2.00	5.10	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.56	109	6.00	5.68	
Total BTEX	<0.300	0.300	11/03/2022	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	6480	16.0	11/01/2022	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	11/01/2022	ND	215	108	200	3.01	
DRO >C10-C28*	14.1	10.0	11/01/2022	ND	186	93.0	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	85.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.0	% 46.3-17	8						

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with Sigh



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/03/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: LEA CO., NM

Sample ID: SP-009-04.0-V-P (H225082-22)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2022	ND	1.87	93.6	2.00	1.09	
Toluene*	<0.050	0.050	11/03/2022	ND	2.05	103	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.06	103	2.00	1.36	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.25	104	6.00	1.16	
Total BTEX	<0.300	0.300	11/03/2022	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	1920	16.0	11/01/2022	ND	400	100	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	11/01/2022	ND	215	108	200	3.01	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	186	93.0	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	99.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Received: 10/27/2022 Sampling Date: 10/27/2022 Reported: 11/03/2022 Sampling Type: Soil

Fax To:

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Tamara Oldaker Project Number: LEA CO., NM Sample Received By:

NONE

Project Location: LEA CO., NM

Sample ID: SP-009-07.0-V-P (H225082-23)

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	11/03/2022	ND	1.87	93.6	2.00	1.09	
Toluene*	<0.050	0.050	11/03/2022	ND	2.05	103	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.06	103	2.00	1.36	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.25	104	6.00	1.16	
Total BTEX	<0.300	0.300	11/03/2022	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	1880	16.0	11/01/2022	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	11/01/2022	ND	215	108	200	3.01	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	186	93.0	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	99.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 9	6 46.3-17	8						

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

Released to Imaging: 2/22/2023 11:33:23 AM



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Received: 10/27/2022 Sampling Date: 10/27/2022

Reported: 11/03/2022 Sampling Type: Soil
Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (

Fax To:

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

Analyzed By: 1H /

NONE

Project Location: LEA CO., NM

Sample ID: SP-006-06.0-V-P (H225082-24)

RTFY 8021R

BIEX 8021B	mg/	кg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2022	ND	1.87	93.6	2.00	1.09	
Toluene*	<0.050	0.050	11/03/2022	ND	2.05	103	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.06	103	2.00	1.36	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.25	104	6.00	1.16	
Total BTEX	<0.300	0.300	11/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 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	176	16.0	11/01/2022	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	11/01/2022	ND	215	108	200	3.01	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	186	93.0	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	92.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	8						

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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.

Analyte NOT DETECTED at or above the reporting limit ND

RPD Relative Percent Difference

Samples not received at proper temperature of 6°C or below.

Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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with Sigh

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

Released to Imaging: 2/22/2023 11:33:23 AM

### Add Note Paso State: NM Zip: 88241 Address: Company: Mentourne (J. Company: Hobbs State: NM Zip: 88241 Address: Company: Mentourne (J. Company: Hobbs State: NM Zip: 88241 Address: Company: Mentourne (J. Company: Mentourne	Laboratories	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	575) 393-2476	В	BILL TO					ANALYSIS REQUEST	REQUEST	ANALYSIS REQUEST
Company: Membourne Membourne Company:	Company Name: Thirty Oli	ilelu oetvices				-	-					
Hobbs State: NM Zip: 88241 Attn: Comor Walker ct Name: ANTELOPE RIDGE CDP Project Owner: (see biolow) Claim: Zip: Zip: Zip: Zip: Zip:		al Paso		ıny:	lewbourne C.i Co	,						
City:		State: NM	88241		onnor Walker							
Project Owner: (see iselow) City: Zip:	#	Fax#:		Address:								
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Fax #: SAMP PRESERV. S	Project Location: Lea Co., I			Phone #:								
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a base on replanted an analysis, including without limitation, business interruptions, loss of tose, or loss of profits incurred region of or related to consequential damages, including without limitation, business interruptions, loss of tose, or loss of profits incurred region of services hereunder by Cardinal, regardless of vigenters such claim is based upon any of the above start Received By: Date: Received By: Received By:	LEASE NOTE: Liability and Damages. Car	rdinal's liability and client's exclusive remedy for any clai	n arising whether based in co waived unless made in writing	ontract or tort, shall be li ng and received by Carr	mited to the amount po sinal within 30 days aft	aid by the client for the a er completion of the a	pplicable					
Date: Date: Received By:	rallyses. All claims including under the hable fervice. In no event shall Cardinal be liable f	for incidental or consequental damages, including without the performance of services hereunder by Cardina and to the performance of services hereunder by Cardina and the performance of services here and the performance of services hereunder by Cardina and the performance of services here and the perfor	t limitation, business interrupt , regardless of whether such	tions, loss of use, or los claim is based upon an	s of profits incurred by y of the above stated r	client, its subsidiaries easons or otherwise.						
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Date: Received By: Time: Observed Temp. °C, Sample Condition CHECKED BY: Coor Intact (Initials) Corrected Temp. °C, Yes Tes	7	12/2011	Manual		A	All Results are emailed. Please provide Email address:	nailed. Pleas	e provide Em	ail address:			
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No No	Sampler - UPS - Bus - Other:	Corrected Temp. °C	No Yes	4	, ()	Thermometer ID #113 Correction Factor -0.6 °C	13 0.6°C				Yes Yes	Corrected Temp. °C

rd X Bacteria (only) Sample Condition Cool Intact Observe				4	1	The same		Corrected Temp. °C		Sampler LIBS Bus Other
	Standard	me:	Turnaround Time:	CHECKED BY: (Initials)		Sample Condition Cool Intact		Observed Temp. °C	>	Delivered By: (Circle One)
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			REMARKS:			By:	Received By:	Date:		Relinquished By:
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No Add'l Phone #:	Yes		Verbal Result:	1	1	By:	Received By:	Date:7777 R		Relinquished By:
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		r the he applicable	nt paid by the client to s after completion of d	e limited to the amour	ntract or tort, shall be	hether based in col	aim arising w	nt's exclusive remedy for any cl	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the PLEASE NOTE: Liability and Damages. Cardinal within 30 days after completion of the ar	PLEASE NOTE: Liability an
	×	×		10/27/2022		×		G	SP-007-03.0-V-P	70
	×	×		10/27/2022		×	_	G	SP-007-02.0-V-P	19
	×	×		10/27/2022		×		9	SP-007-01.0-V-P	21
	×	×		10/27/2022		×	1	G	SP-007-00.0-V-P	C
	×	×		10/27/2022		×	1	G	SP-006-04.0-V-P	16
	×	×		10/27/2022		×	1	G	SP-006-03.0-V-P	7
	+	_		10/27/2022		×		6	SP-006-02.0-V-P	bl
	×	×		10/27/2022		×	1	G	SP-006-01.0-V-P	
	×	+		10/27/2022		×	1	G	SP-006-00.0-V-P	12
	+	+		10/27/2022		×	-	G	SP-005-02.0-V-P	//
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	TEX	nloride			HER: ID/BASE: :/COOL HER:	JDGE	ONTAINERS OUNDWATER	RAB OR (C)OMP.		425852
			LING	SAMPLING	PRESERV.	MATRIX				FOR LAB USE ONLY
					Fax #:	L			XT	Sampler Name:
_					Phone #:	_			Lea Co., NM	Project Location: Lea Co., NM
				Zip:	State:		dservic	dan@trinityoilfie	ANTELOPE RIDGE CDP	Project Name:
					City:		(see below)	Project Owner:		Project #:
					Address:			Fax #:		Phone #:
				Connor Walker	Attn:		o: 88241	State: NM Zip:	Hobbs	City:
			Co.	Mewbourne Oil	Company:				8426 N Dal Paso	Address:
					P.O. #:	-			Dan Dunkelberg	Project Manager:
ANALTSIS REQUEST				BILL TO	19				Trinity Oilfield Services	Company Name:
						NM 88240 93-2476	(575) 3	101 East Marland, Hobbs, NM 8824 (575) 393-2326 FAX (575) 393-2476		Labo
			Θ,	Mewbourne Oil Co. Connor Walker	# ISS		(575) 3: (575) 3: b: 882 c: 882 c: 882	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 s State: NM Zip: 88241 Fax #: Project Owner: (see below) P dan@trinityoilfieldservices.com	aso IDGE CD	

anager: Jan Dunkelberg 8426 N Dal Paso Hobbs State: NM Zi	P.O. #: Company: Attn:	Mewbourne Oil Co	ò							_	_
ess: 8426 N Dal Paso State: NM Zire#: Fax#:	Company:	Mewbourne Oil C Connor Walker	0.		_			_			
e#: Hobbs State: NM Zij	Attn:	Connor Walker		_		_	_				
e#: Fax#:	A ddings.							_			
	Address:					is .					
Project #: Project Owner: (see below)	City:						_	_			
Project Name: ANTELOPE RIDGE CDP dan@trinityoilfieldservices.com	om State:	Zip:					_	_		-	
n: Lea Co., NM	Phone #:					y.					
Sampler Name: XT	Fax #:										
	MATRIX PRESERV.	V. SAMPLING	ING	N.							
(C)OMP. ERS											
Lab I.D. Sample I.D. (G)RAB OF # CONTAIN GROUNDY WASTEWAS SOIL	OIL SLUDGE OTHER: ACID/BASI ICE / COO OTHER:	DATE	TIME	Chloride	ТРН	BTEX					
/ SP-009-00.0-V-P G		10/27/2022		×	×	×		_	+		
4		10/27/2022		×	×	×	-		_	+	
7.5 SP-009-07.0-V-P G 1 X		10/27/2022		×	×	×	-	-	_	+	
24 Sp-006-06.0-V- 199							+	+	+	+	-
1					_	+	+	+	+	+	+
					-	+	+	+	+	+	+
					-	-	+	+	+	+	+
					-		+	+	+	+	+
					_	_	+	+		\forall	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the	based in contract or tort, shall	Il be limited to the amount	paid by the client to	r the							
analyses. All claims including those for regigence and any other cause whatsoewer shall be determed any waveburness in waisy and receive the second control of the control	ste in writing and received by se interruptions, loss of use, or other such claim is based upo	or loss of profits incurred b	by client, its subsidia d reasons or otherwi	ries,							
Relinquished By: Date: Received By:		7 / /	Verbal Result:		Yes	No		Add'I Phone #:			
10,21,23 Times 42	No.	8	All Results are emailed. Please provide Email address:	emailed. Pl	lease provi	de Email ad	ldress:				
Relinquished By: Date: Received By:		-	REMARKS:								
Time:											
Delivered By: (Circle One) Observed Temp. °C Sample	Sample Condition CH	CHECKED BY: 1	Turnaround Time:	me:	s	Standard	×	Bac	Bacteria (only) Sample Condition	Sample Co	ondition
Sis	1	(Initials)			70	Rush		Cool	Intact	S	Observed Temp. °C
Sampler - UPS - Bus - Other: Corrected Temp. °C Yes	Yes ses	9	Thermometer ID #113	#113				\top	Yes	Yes	



November 07, 2022

DAN DUNKELBERG
TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS, NM 88241

RE: ANTELOPE RIDGE CDP

Enclosed are the results of analyses for samples received by the laboratory on 10/28/22 14:53.

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. 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



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

 Received:
 10/28/2022
 Sampling Date:
 10/28/2022

 Reported:
 11/07/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - LEA CO., NM

mg/kg

Sample ID: SP-007-01.0-HS-P (H225102-01)

BTEX 8021B

DIEX 8021B	ilig	ky	Allalyze	и ву: эп					
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	98.1	% 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	16.0	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	214	107	200	0.0725	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	211	105	200	7.82	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	87.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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Celeg D. Freene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

 Received:
 10/28/2022
 Sampling Date:
 10/28/2022

 Reported:
 11/07/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - LEA CO., NM

mg/kg

Sample ID: SP-007-01.0-HN-P (H225102-02)

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	96.6	% 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	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	212	106	200	2.48	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	215	107	200	5.11	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	98.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

 Received:
 10/28/2022
 Sampling Date:
 10/28/2022

 Reported:
 11/07/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: SP-007-01.0-HE-P (H225102-03)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	97.8	% 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	<16.0	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	212	106	200	2.48	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	215	107	200	5.11	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	94.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 46.3-17	78						

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Celey D. Keine



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

 Received:
 10/28/2022
 Sampling Date:
 10/28/2022

 Reported:
 11/07/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: SP-006-01.0-HS-P (H225102-04)

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	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	99.0	% 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	<16.0	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	212	106	200	2.48	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	215	107	200	5.11	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	90.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	78						

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Celey D. Keine



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

 Received:
 10/28/2022
 Sampling Date:
 10/28/2022

 Reported:
 11/07/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: MEWBOURNE - LEA CO., NM

mg/kg

Sample ID: SP-006-01.0-HN-P (H225102-05)

BTEX 8021B

DILX GOZID	mg/	ng .	Alldiyzo	a 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	98.7	% 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	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	212	106	200	2.48	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	215	107	200	5.11	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	85.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.6	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

 Received:
 10/28/2022
 Sampling Date:
 10/28/2022

 Reported:
 11/07/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: SP-005-01.0-HN-P (H225102-06)

RTFY 8021R

B1EX 8021B	mg,	кg	Апануге	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	95.8	% 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	48.0	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	11/02/2022	ND	212	106	200	2.48	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	215	107	200	5.11	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	92.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received: 10/28/2022 Sampling Date: 10/28/2022 Reported: 11/07/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: SP-005-01.0-HS-P (H225102-07)

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	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	98.6	% 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	16.0	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	11/02/2022	ND	212	106	200	2.48	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	215	107	200	5.11	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	97.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 9	6 46.3-17	8						

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 10/28/2022 Sampling Date: 10/28/2022 Reported: 11/07/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: SP-004-01.0-HN-P (H225102-08)

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	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	97.9	% 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	32.0	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	11/02/2022	ND	212	106	200	2.48	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	215	107	200	5.11	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	87.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100 9	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 10/28/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: SP-004-01.0-HS-P (H225102-09)

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	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	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	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	11/02/2022	ND	212	106	200	2.48	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	215	107	200	5.11	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	91.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 46.3-17	78						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 10/28/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: SP-003-01.0-HN-P (H225102-10)

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	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	99.5	% 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	32.0	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	11/02/2022	ND	212	106	200	2.48	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	215	107	200	5.11	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	97.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 %	6 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 10/28/2022 Sampling Date: 10/28/2022 Reported: 11/07/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: SP-003-01.0-HS-P (H225102-11)

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	96.1	% 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	16.0	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	11/02/2022	ND	212	106	200	2.48	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	215	107	200	5.11	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	101 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	116 9	6 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 10/28/2022 Sampling Date: 10/28/2022 Reported: 11/07/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: SP-002-01.0-HN-P (H225102-12)

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	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	98.6	% 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	16.0	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	11/02/2022	ND	212	106	200	2.48	
DRO >C10-C28*	<10.0	10.0	11/02/2022	ND	215	107	200	5.11	
EXT DRO >C28-C36	<10.0	10.0	11/02/2022	ND					
Surrogate: 1-Chlorooctane	107 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	123 9	6 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

 Received:
 10/28/2022
 Sampling Date:
 10/28/2022

 Reported:
 11/07/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: MEWBOURNE - LEA CO., NM

mg/kg

Sample ID: SP-002-01.0-HS-P (H225102-13)

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	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	99.4	% 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	32.0	16.0	11/01/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	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	98.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 10/28/2022 Sampling Date: 10/28/2022

Reported: 11/07/2022 Sampling Type: Soil
Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: MEWBOURNE - LEA CO., NM

mg/kg

Sample ID: SP-001-01.0-HS-P (H225102-14)

BTEX 8021B

DILX GOZID	mg/ kg		Analyzed By: 311/						
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	96.0	% 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	11/01/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	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	91.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.8	% 46.3-17	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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	e email changes to c	t verbal changes. Pleas	cannot accep	† Cardina			
Yes Yes	Thermometer ID #113		No No	0	Corrected lemb.		campier or o - bus - Other
Rush Cool Intact Observed Temp. °C		(Initials)	Cool Intact	1	77.5		2
Standard X Bacteria (only) Sample Condition	Turnaround Time:	CHECKED BY: Tu	Sample Condition		Observed Temp. °C		Delivered By: (Circle One)
					Time:		
	REMARKS:	C	y:	Received By:			Relinquished By:
			MM	OF	1453	5	7.00
lease provide Email address:	All Results are emailed. Please provide Email	200	200		Dogo A	7	(L)
Yes No Add'I Phone #:	Verbal Result:	Ve	y:	Received By:	_	7	Relinquished By:
	reasons or otherwise.	vices hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise	of whether such claim is	inal, regardless	ce of services hereunder by Card	affiliates or successors arising out of or related to the performance	affiliates or successors arisi
	client, its subsidiaries,	iss of use, or loss of profits incurred by	usiness interruptions, k	hout limitation, b	quental damages, including wit	service. In no event shall Cardinal be lable for incidental or consequental damages, including without limitation, business interruptions, loss of text, or best of professionard of yellow the substitution of the approximation of the approxi	service. In no event shall Ca
	ant paid by the client for the	ges. Cardinal's lability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount p	ther based in contract	claim arising whe	ent's exclusive remedy for any	nd Damages. Cardinal's liability and cli	Building All claims including those
×	×	10/28/2022	×	G 1			0)
×	×	10/28/2022	×	G 1		SP-004-01.0-HS-P	0
×	×	10/28/2022	×	G 1		SP-004-01.0-HN-P	X
×	×	10/28/2022	×	G 1		SP-005-01.0-HS-P	7
×	×	10/28/2022	×	G 1	1	SP-005-01.0-HN-P	0
×	×	10/28/2022	×	G 1		SP-006-01.0-HN-P	S
× ×	×	10/28/2022	×	G 1		SP-006-01.0-HS-P	4
×	×	10/28/2022	×	G 1		SP-007-01.0-HE-P	w
× ×	×	10/28/2022	×	G 1		SP-007-01.0-HN-P	ಶ
-	×	10/28/2022	×	G 1		SP-007-01.0-HS-P	_
ВТЕХ	Chloride	ACID/BASE: ICE / COOL OTHER :	WASTEWATER SOIL OIL SLUDGE OTHER:	# CONTAINERS GROUNDWATER		Sample I.D.	#205/02 Lab I.D.
	ING	PRESERV. SAMPLING	MATRIX				FOR LAB USE ONLY
		#	Fax #:			XI	Sampler Name:
		Phone #:	Ph			: Lea Co., NM	Project Location: Lea Co., NM
		ite: Zip:	es.com State:	fieldservic	dan@trinityoilfieldservices.com	ANTELOPE RIDGE CDP	Project Name:
		y:	low) City:	r: (see below)	Project Owner:		Project #:
		Address:	Ad		Fax#:		Phone #:
		n: Connor Walker	241 Attn:	Zip: 88241	State: NM	Hobbs	City:
	Co.	Company: Mewbourne Oil Co	Co			8426 N Dal Paso	Address:
		P.O. #:	P.C			Project Manager: Dan Dunkelberg	Project Manager
ANALYSIS REQUEST		BILL TO			S	Company Name: Trinity Oilfield Services	Company Name:
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST			NM 88240 893-2476	d, Hobbs, AX (575) 3	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	aboratories	Lab
						ADDINA	

not accept verbal changes. Please email changes to celev keene@cardinallahenm.com
Project Name: ANTELOPE RIOGE COP
Interest ATTELOPE RIDGE CDP dan@thinlyolifieldservices.com States Zip:
O.NM
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November 10, 2022

DAN DUNKELBERG
TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS, NM 88241

RE: ANTELOPE RIDGE CDP

Enclosed are the results of analyses for samples received by the laboratory on 11/03/22 15:54.

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:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

 Received:
 11/03/2022
 Sampling Date:
 11/03/2022

 Reported:
 11/10/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

A ... - b ... - d D. .. 711

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-005-01.0-NA-P (H225205-01)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.93	96.5	2.00	0.371	
Toluene*	<0.050	0.050	11/10/2022	ND	2.04	102	2.00	0.0217	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.4	2.00	0.204	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.09	102	6.00	0.217	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.1	% 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	192	16.0	11/04/2022	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	11/07/2022	ND	214	107	200	0.546	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	238	119	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					
Surrogate: 1-Chlorooctane	110 5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	129	% 46.3-17	8						

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Celeg & Freene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 11/03/2022 Sampling Date: 11/03/2022

Reported: Sampling Type: 11/10/2022 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-006-01.0-NA-P (H225205-02)

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	11/10/2022	ND	1.93	96.5	2.00	0.371	
Toluene*	<0.050	0.050	11/10/2022	ND	2.04	102	2.00	0.0217	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.4	2.00	0.204	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.09	102	6.00	0.217	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.7	% 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	240	16.0	11/04/2022	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	11/08/2022	ND	214	107	200	0.546	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	238	119	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	94.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 11/03/2022 Sampling Date: 11/03/2022

Reported: Sampling Type: 11/10/2022 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-007-01.0-NA-P (H225205-03)

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	11/10/2022	ND	1.93	96.5	2.00	0.371	
Toluene*	<0.050	0.050	11/10/2022	ND	2.04	102	2.00	0.0217	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.4	2.00	0.204	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.09	102	6.00	0.217	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.8	% 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	208	16.0	11/04/2022	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	11/08/2022	ND	214	107	200	0.546	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	238	119	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	122	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Received: 11/03/2022 Sampling Date: 11/03/2022 Reported: Sampling Type: 11/10/2022 Soil

Fax To:

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Tamara Oldaker Project Number: NOT GIVEN Sample Received By:

NONE

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-008-01.0-NA-P (H225205-04)

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	11/10/2022	ND	1.93	96.5	2.00	0.371	
Toluene*	<0.050	0.050	11/10/2022	ND	2.04	102	2.00	0.0217	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.4	2.00	0.204	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.09	102	6.00	0.217	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.6	% 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	64.0	16.0	11/04/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2022	ND	214	107	200	0.546	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	238	119	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	103 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	119 9	6 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received: 11/03/2022 Sampling Date: 11/03/2022 Reported: Sampling Type: 11/10/2022 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Project Number: Tamara Oldaker NOT GIVEN Sample Received By:

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-009-01.0-NA-P (H225205-05)

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	11/10/2022	ND	1.93	96.5	2.00	0.371	
Toluene*	<0.050	0.050	11/10/2022	ND	2.04	102	2.00	0.0217	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.4	2.00	0.204	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.09	102	6.00	0.217	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.2	% 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	11/04/2022	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	11/08/2022	ND	214	107	200	0.546	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	238	119	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	93.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109 9	6 46.3-17	8						

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 11/03/2022 Sampling Date: 11/03/2022

Reported: 11/10/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-011-01.0-NA-P (H225205-06)

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	11/10/2022	ND	1.93	96.5	2.00	0.371	
Toluene*	<0.050	0.050	11/10/2022	ND	2.04	102	2.00	0.0217	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.4	2.00	0.204	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.09	102	6.00	0.217	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.6	% 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	11/04/2022	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	11/08/2022	ND	214	107	200	0.546	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	238	119	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	112	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	129	% 46.3-17	78						

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Celey D. Keine



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 11/03/2022 Sampling Date: 11/03/2022

Reported: 11/10/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - LEA CO., NM

mg/kg

Sample ID: CF-012-00.5-NA-P (H225205-07)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.93	96.5	2.00	0.371	
Toluene*	<0.050	0.050	11/10/2022	ND	2.04	102	2.00	0.0217	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.4	2.00	0.204	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.09	102	6.00	0.217	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.9	% 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	32.0	16.0	11/04/2022	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	11/08/2022	ND	179	89.7	200	9.13	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	203	101	200	6.31	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	113 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	122	% 46.3-17	8						

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Celeg D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 11/03/2022 Sampling Date: 11/03/2022

Reported: Sampling Type: 11/10/2022 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Project Number: Tamara Oldaker NOT GIVEN Sample Received By:

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-013-00.5-NA-P (H225205-08)

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	11/10/2022	ND	1.93	96.5	2.00	0.371	
Toluene*	<0.050	0.050	11/10/2022	ND	2.04	102	2.00	0.0217	
Ethylbenzene*	< 0.050	0.050	11/10/2022	ND	1.99	99.4	2.00	0.204	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.09	102	6.00	0.217	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.1	% 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	64.0	16.0	11/04/2022	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	11/08/2022	ND	179	89.7	200	9.13	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	203	101	200	6.31	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	108 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 9	6 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 11/03/2022 Sampling Date: 11/03/2022

Reported: Sampling Type: 11/10/2022 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Project Number: Sample Received By: Tamara Oldaker NOT GIVEN

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-014-00.5-NA-P (H225205-09)

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	11/10/2022	ND	1.93	96.5	2.00	0.371	
Toluene*	<0.050	0.050	11/10/2022	ND	2.04	102	2.00	0.0217	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.4	2.00	0.204	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.09	102	6.00	0.217	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.4 %	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	16.0	16.0	11/04/2022	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	11/08/2022	ND	179	89.7	200	9.13	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	203	101	200	6.31	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	112 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 %	6 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 11/03/2022 Sampling Date: 11/03/2022

Reported: 11/10/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - LEA CO., NM

mg/kg

Sample ID: CF-015-00.5-NA-P (H225205-10)

BTEX 8021B

DILX GOZID	11197	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.93	96.5	2.00	0.371	
Toluene*	<0.050	0.050	11/10/2022	ND	2.04	102	2.00	0.0217	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.4	2.00	0.204	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.09	102	6.00	0.217	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.2	% 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	32.0	16.0	11/04/2022	ND	400	100	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	11/08/2022	ND	179	89.7	200	9.13	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	203	101	200	6.31	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	115	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	124	% 46.3-17	78						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

 Received:
 11/03/2022
 Sampling Date:
 11/03/2022

 Reported:
 11/10/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-016-00.5-NA-P (H225205-11)

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	11/10/2022	ND	1.93	96.5	2.00	0.371	
Toluene*	<0.050	0.050	11/10/2022	ND	2.04	102	2.00	0.0217	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.4	2.00	0.204	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.09	102	6.00	0.217	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.6	% 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	11/04/2022	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	11/08/2022	ND	179	89.7	200	9.13	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	203	101	200	6.31	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	97.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111	% 46.3-17	78						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

 Received:
 11/03/2022
 Sampling Date:
 11/03/2022

 Reported:
 11/10/2022
 Sampling Type:
 Soil

Fax To:

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

NONE

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-017-00.5-NA-P (H225205-12)

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	11/10/2022	ND	1.93	96.5	2.00	0.371	
Toluene*	<0.050	0.050	11/10/2022	ND	2.04	102	2.00	0.0217	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.4	2.00	0.204	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.09	102	6.00	0.217	
Total BTEX	<0.300	0.300	11/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.6	% 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	16.0	16.0	11/04/2022	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	11/08/2022	ND	179	89.7	200	9.13	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	203	101	200	6.31	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					
Surrogate: 1-Chlorooctane	111	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	121	% 46.3-17	78						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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no consequentially.		dinallabsnm	eene@car	to celey.k	† Cardinal cannot accept verbal changes. Please email changes to celev.keene@cardinallabsnm.com	anges. Please	pt verbal ch	cannot acce	Cardinal	-			
	Yes			ñ	Thermometer ID #113 Correction Factor -0.6 °C		2	No No		Collected lemb.	Collec	Cura	Carrier Circles
Observed Temp. °C	Cool Intact		Rush			als)	(Initials)	Cool Intact	-6	2 -		Rus - Other	Sampler - IIPS -
Bacteria (only) Sample Condition	Bacteria (only)	х	Standard		Turnaround Time:		CHECKED BY:	Sample Condition	_	Observed Temp. °C	Observ	ircle One)	Delivered By: (Circle One)
										Time:			
						(
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					client, its subsidiaries, sasons or otherwise.	s of profits incurred by y of the above stated n	n is based upon an	mess interruptions, whether such claim	t limitation, bus , regardless of	smages, including withous hereunder by Cardina	affiliates or successors arising out of or related to the performance of services hereunder by Gedrial, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	arising out of or rel	affiliates or successors
				cable	er completion of the appl	final within 30 days aft	nd received by Caro	made in writing an	waived unless	atsoever shall be deume	and/en to see the second with a splicable decimed waited unless made in writing and received by Cardinal within 30 days after completion of the applicable learned in order to the splicable and any other cause whatsoever shall be decimed waited unless made in writing and received by Cardinal within 30 days after completion of the applicable learned.	cadding those for ne	service in the event of
					ount paid by the client for the	mited to the amount po	ct or tort, shall be li	er based in contrac	m arising wheth	usive remedy for any cla	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the am	lity and Damages. (PLEASE NOTE: Liabi
			×	-	×	11/3/2022		×	1	C	CF-015-00.5-NA-P	0 CF-015	
			×	×	×	11/3/2022		×		C	CF-014-00.5-NA-P	9 CF-014	
			×	×	×	11/3/2022		×	_	C	CF-013-00.5-NA-P	8 CF-013	
			×	×	×	11/3/2022		×	>	С	CF-012-00.5-NA-P	7 CF-012	
			×	×	×	11/3/2022		×	_	C	CF-011-01.0-NA-P	6 CF-011	
			×	×	×	11/3/2022		×	->	C	CF-009-01.0-NA-P	CF-009	
			×	×	×	11/3/2022		×		С	CF-008-01.0-NA-P	4 CF-008	
			×	×	×	11/3/2022		×	_	0	CF-007-01.0-NA-P		
			×	×	×	11/3/2022		×	_	C	CF-006-01.0-NA-P		
			×	\dashv	×	11/3/2022		×	_	C	CF-005-01.0-NA-P	CF-005	
			вте	ТРН	Chlo	DATE	ACIE	SOIL SLUI	# CC	(G)R	Sample I.D.	-	Lab I.D.
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				_	ING	SAMPLING	PRESERV.	MATRIX				NEY	FOR LAB USE ONLY
							Fay #:	77				ie: XT	Sampler Name:
				-			Phone #:	Р			0., NM	tion: Lea Co	Project Location: Lea Co., NM
				-		Zip:	State:		eldservice	dan@trinityoilfieldservices.com	ANTELOPE RIDGE CDP		Project Name:
							City:		(see below)	Project Owner:			Project #:
							Address:	A		Fax#:		100	Phone #:
						Connor Walker	Attn:		Zip: 88241	State: NM Z		Sdoom	city.
					Co.	Mewbourn Oil Co.	Company:				0420 N Dai Faso	0420	Cit.
)					P.O. #:	70			unkelberg	iger: Dall D	Address manager: Dan Dunkelberg
UEST	ANALYSIS REQUEST					DILL IO					Cilicia octatoro	7	
	A 1 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5					RII TO					Trinity Oilfield Services		Company Name:
F-CUSTODY AND ANALYSIS REQUEST	STODY AND A		CHAIN-O					VM 88240 93-2476	Hobbs, I X (575) 3	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		aboratories	La
											NA	CARDINAL	

	Sampler - UPS - Bus - Other:		Delivered By: (Circle One)		Relinquished By:	THAN	2 2 1	Relinquished By: 1	service. In no event shall Cardinal I	analyses. All claims including those			 	*****	*****		12 CF	// CF	Lab I.D.	1)46366#1	FOR LAB USE ONLY	Sampler Name: XT	Project Location: Lea Co., NM	Project Name: AN	Project #:	Phone #:	City: Ho	Address: 84	Project Manager: Dan Dunkelberg	Company Name: Tri	Labor
						Samons) 1	1	,	be liable for incidental or consequent of or related to the performance of se	ages. Cardinars liability and clients of for negligence and any other cause							CF-017-00.5-NA-P	CF-016-00.5-NA-P	Sample I.D.				a Co., NM	ANTELOPE RIDGE CDP			Hobbs	8426 N Dal Paso	n Dunkelberg	Company Name: Trinity Oilfield Services	CARDINAL 10 Laboratories (5)
† Cardi	Corrected Temp. °C	0		Time:	Date: Received By:	Time:	11-3-26	Date: Received By:	service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliable or successors arising out of or reliable to the performance of services between the profits treatment of the performance of services between the profits treatment of the performance of services between the profits treatment of the performance of services between the profits treatment of the performance of services between the profits treatment of the performance of services between the profits treatment of the performance of services between the profits treatment of the performance of the p	r-coror notic. Licomy and usinages, calcinals lability and clients exclusive remedy for any claim arising whether based in contact or fort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatboever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable.							C 1	C 1	(G)RAB OF	NERS	_			dan@trinityoilfieldservices.com	Project Owner: (see	Fax #:	State: NM Zip: 8				101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
† Cardinal cannot accept verbal changes. Please email changes to celey keene@cardinallabsnm.com	No No		Sample Condition C		By:	MINIORA CLR	7	BV:	n, business interruptions, loss of use	whether based in contract or tort, st unless made in writing and received							×	×	WASTEWA SOIL OIL SLUDGE OTHER: ACID/BASE ICE/COOI	TER	MATRIX PRESERV.	Fax #:	Phone #:	vices.com State:	(see below) City:	Address:	88241 Attn:	Company:	P.O. #:		s, NM 88240 5) 393-2476
oal changes. Please	Them Corre		CHECKED BY: Turn		REM	ball at	AII R	The state of the s	s, or loss of profits incurred by clie	hall be limited to the amount paid by Cardinal within 30 days after o					20		11/3/2022	11/3/2022	OTHER:		ERV. SAMPLING			Zip:			Connor Walker	y: Mewbourne Oil Co		BILL TO	
mail changes to co	Thermometer ID #113 Correction Factor -0.6 °C		Turnaround Time:		REMARKS:		All Results are emailed D	al Pacult	nt, its subsidiaries,	by the client for the completion of the apulicable	7						×	×	Chloride	,	G										
eley.keene@cardin		Rush	Standard				All Results are emailed Please provide Email address:									+	+	-	TPH								ų.				CHAIN-C
allabsnm.com	_	1-	K				o Add Phone #:																						_	ANAL	F-CUSTOD)
	Yes Yes	Cool Intact Observe	orteria (only) Cample				**																	4						ANALYSIS REQUEST	AND ANAL
	Corrected Temp. °C	Observed Temp. °C	Condition																												CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
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November 15, 2022

DAN DUNKELBERG
TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS, NM 88241

RE: ANTELOPE RIDGE CDP

Enclosed are the results of analyses for samples received by the laboratory on 11/09/22 14:58.

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:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

 Received:
 11/09/2022
 Sampling Date:
 11/09/2022

 Reported:
 11/15/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

A ... - I. ... - - I D. ... 311 /

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-001-06.0-NA-P (H225302-01)

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	11/13/2022	ND	1.60	80.0	2.00	16.9	
Toluene*	<0.050	0.050	11/13/2022	ND	1.67	83.5	2.00	15.8	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.67	83.4	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.17	86.2	6.00	15.3	
Total BTEX	<0.300	0.300	11/13/2022	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	320	16.0	11/10/2022	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	11/10/2022	ND	199	99.5	200	3.14	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	200	99.9	200	6.24	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	86.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.6	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 11/09/2022 Sampling Date: 11/09/2022

Reported: 11/15/2022 Sampling Type: Soil
Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-010-09.5-NA-P (H225302-02)

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	11/13/2022	ND	1.60	80.0	2.00	16.9	
Toluene*	<0.050	0.050	11/13/2022	ND	1.67	83.5	2.00	15.8	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.67	83.4	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.17	86.2	6.00	15.3	
Total BTEX	<0.300	0.300	11/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 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	336	16.0	11/10/2022	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	11/10/2022	ND	199	99.5	200	3.14	
DRO >C10-C28*	11.3	10.0	11/10/2022	ND	200	99.9	200	6.24	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	84.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.6	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 11/09/2022 Sampling Date: 11/09/2022

Reported: 11/15/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: MEWBOURNE - LEA CO., NM

mg/kg

Sample ID: CF-018-00.5-NA-P (H225302-03)

BTEX 8021B

DIEX GOZID	9/	rkg	Allulyzo	.u by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/13/2022	ND	1.60	80.0	2.00	16.9	
Toluene*	<0.050	0.050	11/13/2022	ND	1.67	83.5	2.00	15.8	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.67	83.4	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.17	86.2	6.00	15.3	
Total BTEX	<0.300	0.300	11/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 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	11/10/2022	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	11/10/2022	ND	199	99.5	200	3.14	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	200	99.9	200	6.24	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	93.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

 Received:
 11/09/2022
 Sampling Date:
 11/09/2022

 Reported:
 11/15/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-019-00.5-NA-P (H225302-04)

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	11/13/2022	ND	1.60	80.0	2.00	16.9	
Toluene*	<0.050	0.050	11/13/2022	ND	1.67	83.5	2.00	15.8	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.67	83.4	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.17	86.2	6.00	15.3	
Total BTEX	<0.300	0.300	11/13/2022	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	32.0	16.0	11/10/2022	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	11/10/2022	ND	199	99.5	200	3.14	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	200	99.9	200	6.24	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	89.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.5	% 46.3-17	78						

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Celey & Freene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 11/09/2022 Sampling Date: 11/09/2022

Reported: 11/15/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-020-00.5-NA-P (H225302-05)

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	11/13/2022	ND	1.60	80.0	2.00	16.9	
Toluene*	<0.050	0.050	11/13/2022	ND	1.67	83.5	2.00	15.8	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.67	83.4	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.17	86.2	6.00	15.3	
Total BTEX	<0.300	0.300	11/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 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	32.0	16.0	11/10/2022	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	11/10/2022	ND	199	99.5	200	3.14	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	200	99.9	200	6.24	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	97.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 11/09/2022 Sampling Date: 11/09/2022 Reported: 11/15/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: MEWBOURNE - LEA CO., NM

mg/kg

Sample ID: CF-021-00.5-NA-P (H225302-06)

BTEX 8021B

DIEX GOZID	11197	- Kg	Allulyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/13/2022	ND	1.60	80.0	2.00	16.9	
Toluene*	<0.050	0.050	11/13/2022	ND	1.67	83.5	2.00	15.8	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.67	83.4	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.17	86.2	6.00	15.3	
Total BTEX	<0.300	0.300	11/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 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	32.0	16.0	11/10/2022	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	11/10/2022	ND	199	99.5	200	3.14	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	200	99.9	200	6.24	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	96.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

 Received:
 11/09/2022
 Sampling Date:
 11/09/2022

 Reported:
 11/15/2022
 Sampling Type:
 Soil

Fax To:

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

NONE

Project Location: MEWBOURNE - LEA CO., NM

mg/kg

Sample ID: CF-022-00.5-NA-P (H225302-07)

BTEX 8021B

DIEX GOZID	1119/	- Kg	Allulyzo	u by. 311/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/13/2022	ND	1.60	80.0	2.00	16.9	
Toluene*	<0.050	0.050	11/13/2022	ND	1.67	83.5	2.00	15.8	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.67	83.4	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.17	86.2	6.00	15.3	
Total BTEX	<0.300	0.300	11/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 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	48.0	16.0	11/10/2022	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	11/10/2022	ND	199	99.5	200	3.14	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	200	99.9	200	6.24	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	90.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.0	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 11/09/2022 Sampling Date: 11/09/2022

Reported: 11/15/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: MEWBOURNE - LEA CO., NM

mg/kg

Sample ID: CF-023-00.5-NA-P (H225302-08)

BTEX 8021B

DILX GOZID	11197	- Kg	Alldiyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/13/2022	ND	1.60	80.0	2.00	16.9	
Toluene*	<0.050	0.050	11/13/2022	ND	1.67	83.5	2.00	15.8	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.67	83.4	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.17	86.2	6.00	15.3	
Total BTEX	<0.300	0.300	11/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 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	32.0	16.0	11/10/2022	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	11/10/2022	ND	199	99.5	200	3.14	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	200	99.9	200	6.24	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	93.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 11/09/2022 Sampling Date: 11/09/2022

Reported: 11/15/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-024-00.5-NA-P (H225302-09)

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	11/13/2022	ND	1.60	80.0	2.00	16.9	
Toluene*	<0.050	0.050	11/13/2022	ND	1.67	83.5	2.00	15.8	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.67	83.4	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.17	86.2	6.00	15.3	
Total BTEX	<0.300	0.300	11/13/2022	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	48.0	16.0	11/10/2022	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	11/10/2022	ND	199	99.5	200	3.14	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	200	99.9	200	6.24	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	91.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.7	% 46.3-17	78						

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Celeg D. Freene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 11/09/2022 Sampling Date: 11/09/2022

Reported: Sampling Type: 11/15/2022 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Sample Received By: Project Number: NOT GIVEN Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-025-00.5-NA-P (H225302-10)

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	11/13/2022	ND	1.60	80.0	2.00	16.9	
Toluene*	<0.050	0.050	11/13/2022	ND	1.67	83.5	2.00	15.8	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.67	83.4	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.17	86.2	6.00	15.3	
Total BTEX	<0.300	0.300	11/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 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	112	16.0	11/10/2022	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	11/10/2022	ND	199	99.5	200	3.14	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	200	99.9	200	6.24	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	94.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109 9	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 11/09/2022 Sampling Date: 11/09/2022

Reported: Sampling Type: 11/15/2022 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Project Number: Tamara Oldaker NOT GIVEN Sample Received By:

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-026-00.5-NA-P (H225302-11)

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	11/15/2022	ND	1.68	83.9	2.00	18.9	
Toluene*	<0.050	0.050	11/15/2022	ND	1.75	87.7	2.00	17.9	
Ethylbenzene*	< 0.050	0.050	11/15/2022	ND	1.77	88.3	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/15/2022	ND	5.52	91.9	6.00	14.9	
Total BTEX	<0.300	0.300	11/15/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.2	% 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	16.0	16.0	11/10/2022	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	11/10/2022	ND	199	99.5	200	3.14	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	200	99.9	200	6.24	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					
Surrogate: 1-Chlorooctane	94.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110 %	6 46.3-17	8						

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Notes and Definitions

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

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

+ Cardinal rannot accent verbal changes. Please email changes to celev.keene@cardinallabsnm.com	ase email changes to co	ccent verhal changes. Ple	Cardinal cannot a			
No Corrected Temp. °C	Correction Factor -0.6 °C	٧, .	No	8.8		Compress of Co.
Yes Yes	Thermometer ID #113	1	_	Corrected Temp.*C	Rus - Other:	Sampler - IJPS - Bus - Other
Rush Cool Intact Observed Temp. °C		1		da		
Standard X Bacteria (only) Sample Condition	Turnaround Time:	on CHECKED BY:	Sample Condition	Observed Temp. °C, V	rcle One)	Delivered By: (Circle One)
				Time:		
			Vecelsed py.	Date	y:	Relinquished by:
	REMARKS:		caived By:	-		
		A STANDER DE	Menna	1 8 5 th/	>	1
All Results are emailed. Please provide Email address:	All Results are emailed. Pl		1	11-9.22	1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Yes No Add'l Phone #:	Verbal Result:	0.1	Received By:	Date:	V: A	Relinguished By:
	d reasons or otherwise.	SAVIOS, In De ayent small cultural de saves for industrial or consequence seemed, and a service in the ayent small cultural de saves for industrial seemed in industrial consequence seemed and the saving of the above stated reasons or otherwise.	l, regardless of whether such	e of services hereunder by Cardinal, regar	service. In no event shall Cardinal be liable for incloental or consequents affiliates or successors arising out of or related to the performance of se	affiliates or successors a
	after completion of the applicable by client, its subsidiaries,	analyses. All claims including those for regiligence and any other cause whatsoever shall be deemed valved unless made in writing and received by Cardinal within 30 days after completion of the applicable	waived unless made in write	cause whatsoever shall be deemed	ding those for negligence and any other	analyses. All claims inclu
	unt paid by the client for the	intract or tort, shall be limited to the amoun	m arising whether based in or	ent's exclusive remedy for any clair	PLEASE NOTE: Library and Damages. Cardinal's liability and client's exclusive remedy for any daim arising whether based in contract or tort, shall be limited to the amo	PLEASE NOTE: Liability
×	×	11/9/2022	×	0	CF-025-00.5-NA-P	0/
-	×	11/9/2022	1 ×	C	CF-024-00.5-NA-P	9
+	×	11/9/2022	1 ×	C	CF-023-00.5-NA-P	8
+	×	11/9/2022	1 ×	C	CF-022-00.5-NA-P	7
+	×	11/9/2022	1 ×	C	CF-021-00.5-NA-P	6
+	×	11/9/2022	1 ×	C	CF-020-00.5-NA-P	2
-	×	11/9/2022	1 ×	С	CF-019-00.5-NA-P	2
+	×	11/9/2022	1 ×	C	CF-018-00.5-NA-P	
+	×	11/9/2022	×	C	CF-010-09.5-NA-P	. 1
+	. >	ZZDZ/R/LL	×	C	CF-001-06.0-NA-P	_
-	+				7 -	-
BTEX	Chloride	OTHER: ACID/BASE: ICE / COOL OTHER:	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	(G)RAB OR (C)OMP.	Sample I.D.	#225307
	LING	PRESERV. SAMPLING	MATRIX			FOR LAB USE ONLY
		Fax#:			XT	Sampler Name:
		Phone #:			n: Lea Co., NM	Project Location: Lea Co., NM
		State: Zip:		dan@trinityoilfieldservices.com	ANTELOPE RIDGE CDP	Project Name:
		City:	(see below)	Project Owner:		Project #:
		Address:		Fax#:		Phone #:
		Attn: Connor Walker	88241	State: NM Zip:	Hobbs	City:
	Co.	Compuny: Mewbourne Oil Co			8426 N Dal Paso	Address:
		P.O. #:				Project Manager
ANALYSIS REQUEST		BILL TO			: Trinity Oilfield Services	Company Name:
			(575) 393-2476	(575) 393-2326 FAX (575) 393-2476	Laboratories	Lab
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST			OFCSS WIN S449	104 East Marland L		CAI

	Sampler - UPS - Bus - Other:	Parallel III Paral	Delivered By: (Circle One)		Relinquished By:	Malley	Relinquished By:	service. In no event shall Cardinal be liable for incid affiliates or successors arising out of or related to the	PLEASE NOTE: Liability and Damages, Cardinars, analyses, All claims including those for negligence a	TAOT NOTE: INTEL AND DESCRIPTION OF STREET	 	****	 	*****	-	••••	// CF-026-00.5-NA-P	#2753672 Lab I.D. S.	FOR LAB USE ONLY	Sampler Name: XT	Project Location: Lea Co., NM	Project Name: ANTELOPE RIDGE CDP	Project #:	Phone #:	City: Hobbs	Address: 8426 N Dal Paso	Project Manager: Dan Dunkelberg	Company Name: Trinity Oilfield Services	Laboratories
† Cardinal cann	Corrected lemb. Co.	Cool I	Observed Temp. °C Sample Condition	Time:	Date: Received By:	MBT 85 Figure	Date:	service. In no event shall Curidnal be liable for incidental or consequental damages, including without limitation, business interruptions, bas of use, or loss of profits incurred by client, its subsidiaries afficiates 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.	PLEASE NOTE: Unbling and burninges, Customats satisfy and certific excusive itemery for any purint manages from the profession of the applicable manages. Customate satisfy and certific excusive itemery for any purint manages. The profession of the applicable manages, and the profession of the applicable manages. The profession is a profession of the applicable manages and the profession of the applicable manages.	Schille, and diselfe audicies sereads for any deim arisine ubathar besse							NA-P C 1 X	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	MATRIX			DGE CDP dan@trinityoilfieldservices.com	Project Owner: (see below)	Fax#:	State: NM Zip: 88241	aso	erg	Services	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	No 90	let (Initials)	dition CHECKED BY:			wa Killia	1011	such claim is based upon any of the above s	n writing and received by Cardinal within 36 d	d in contract or fort shall be limited to the am							11/9/2022	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	PRESERV.	Fax#:	Phone #:	1 State: Zip:	City:	Address:	Attn: Connor Walker	Company: Mewbourne Oil Co	P.O. #:	BILL TO	240
lease email changes to ce	Correction Factor -0.6 °C	Thompsonder ID #113	Turnaround Time:		REMARKS:	All Results are emailed. Pl	Vérbal Result:	red by client, its subsidiaries, lated reasons or otherwise.	sys after completion of the applicable	ount paid by the client for the							×	Chloride	SAMPLING						er	Oil Co.			
eley.keene@cardinallabsi		Rush	Standard X			All Results are emailed. Please provide Email address:	Yes No										×	втех											CHAIN-UF-CU
ım.com	П	Cool Intact	eria (Add'I Phone #:																					ANALYSIS REQUEST	CHAIN-OF-CUSTOUT AND ANALTSIS REGUEST
	Corrected Temp. °C	Observed lemp. *C	Condition																										NEW DEST



November 15, 2022

DAN DUNKELBERG
TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS, NM 88241

RE: ANTELOPE RIDGE CDP

Enclosed are the results of analyses for samples received by the laboratory on 11/10/22 15:40.

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:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

 Received:
 11/10/2022
 Sampling Date:
 11/10/2022

 Reported:
 11/15/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - LEA CO., NM

mg/kg

Sample ID: CF-027-00.5-NA-P (H225349-01)

BTEX 8021B

DILX 0021B	ilig	rkg	Allalyze	a by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/13/2022	ND	2.00	100	2.00	7.09	
Toluene*	<0.050	0.050	11/13/2022	ND	2.07	103	2.00	7.72	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.98	98.8	2.00	7.17	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	6.02	100	6.00	7.88	
Total BTEX	<0.300	0.300	11/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.2	% 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	128	16.0	11/11/2022	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	11/11/2022	ND	219	110	200	1.58	
DRO >C10-C28*	<10.0	10.0	11/11/2022	ND	235	117	200	0.0682	
EXT DRO >C28-C36	<10.0	10.0	11/11/2022	ND					
Surrogate: 1-Chlorooctane	99.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.6	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 11/10/2022 Sampling Date: 11/10/2022

Reported: Sampling Type: Soil 11/15/2022

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-028-00.5-NA-P (H225349-02)

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	11/13/2022	ND	2.00	100	2.00	7.09	
Toluene*	<0.050	0.050	11/13/2022	ND	2.07	103	2.00	7.72	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.98	98.8	2.00	7.17	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	6.02	100	6.00	7.88	
Total BTEX	<0.300	0.300	11/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.9	% 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	272	16.0	11/11/2022	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	11/11/2022	ND	219	110	200	1.58	
DRO >C10-C28*	<10.0	10.0	11/11/2022	ND	235	117	200	0.0682	
EXT DRO >C28-C36	<10.0	10.0	11/11/2022	ND					
Surrogate: 1-Chlorooctane	79.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	80.0	% 46.3-17	8						

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Celeg D. Keine



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

 Received:
 11/10/2022

 Reported:
 11/15/2022

 Sampling Date:
 11/10/2022

 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - LEA CO., NM

mg/kg

Sample ID: CF-029-00.5-NA-P (H225349-03)

BTEX 8021B

DIEX GOZID	11197	Kg .	Alluly20	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/13/2022	ND	2.00	100	2.00	7.09	
Toluene*	<0.050	0.050	11/13/2022	ND	2.07	103	2.00	7.72	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.98	98.8	2.00	7.17	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	6.02	100	6.00	7.88	
Total BTEX	<0.300	0.300	11/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.5	% 69.9-140)						
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	11/11/2022	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	11/11/2022	ND	219	110	200	1.58	
DRO >C10-C28*	<10.0	10.0	11/11/2022	ND	235	117	200	0.0682	
EXT DRO >C28-C36	<10.0	10.0	11/11/2022	ND					
Surrogate: 1-Chlorooctane	85.0	% 45.3-161	l						
Surrogate: 1-Chlorooctadecane	85.1	% 46.3-178	8						

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Received: 11/10/2022 Sampling Date: 11/10/2022 Reported: Sampling Type: 11/15/2022 Soil

Fax To:

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Tamara Oldaker Project Number: NOT GIVEN Sample Received By:

NONE

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-030-00.5-NA-P (H225349-04)

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	11/13/2022	ND	2.00	100	2.00	7.09	
Toluene*	<0.050	0.050	11/13/2022	ND	2.07	103	2.00	7.72	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.98	98.8	2.00	7.17	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	6.02	100	6.00	7.88	
Total BTEX	<0.300	0.300	11/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.6	% 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	192	16.0	11/11/2022	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	11/11/2022	ND	219	110	200	1.58	
DRO >C10-C28*	<10.0	10.0	11/11/2022	ND	235	117	200	0.0682	
EXT DRO >C28-C36	<10.0	10.0	11/11/2022	ND					
Surrogate: 1-Chlorooctane	89.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.7	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

 Received:
 11/10/2022

 Reported:
 11/15/2022

 Sampling Date:
 11/10/2022

 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-031-00.5-NA-P (H225349-05)

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	11/13/2022	ND	2.00	100	2.00	7.09	
Toluene*	<0.050	0.050	11/13/2022	ND	2.07	103	2.00	7.72	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.98	98.8	2.00	7.17	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	6.02	100	6.00	7.88	
Total BTEX	<0.300	0.300	11/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.8	% 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	128	16.0	11/11/2022	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	11/11/2022	ND	219	110	200	1.58	
DRO >C10-C28*	<10.0	10.0	11/11/2022	ND	235	117	200	0.0682	
EXT DRO >C28-C36	<10.0	10.0	11/11/2022	ND					
Surrogate: 1-Chlorooctane	86.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.1	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 11/10/2022 Sampling Date: 11/10/2022

Reported: 11/15/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - LEA CO., NM

mg/kg

Sample ID: CF-032-00.5-NA-P (H225349-06)

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	11/13/2022	ND	2.00	100	2.00	7.09	
Toluene*	< 0.050	0.050	11/13/2022	ND	2.07	103	2.00	7.72	
Ethylbenzene*	< 0.050	0.050	11/13/2022	ND	1.98	98.8	2.00	7.17	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	6.02	100	6.00	7.88	
Total BTEX	<0.300	0.300	11/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.9	% 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	80.0	16.0	11/11/2022	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	11/11/2022	ND	219	110	200	1.58	
DRO >C10-C28*	<10.0	10.0	11/11/2022	ND	235	117	200	0.0682	
EXT DRO >C28-C36	<10.0	10.0	11/11/2022	ND					
Surrogate: 1-Chlorooctane	110	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 11/10/2022 Sampling Date: 11/10/2022

Reported: 11/15/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-033-00.5-NA-P (H225349-07)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/13/2022	ND	2.00	100	2.00	7.09	
Toluene*	<0.050	0.050	11/13/2022	ND	2.07	103	2.00	7.72	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.98	98.8	2.00	7.17	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	6.02	100	6.00	7.88	
Total BTEX	<0.300	0.300	11/13/2022	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	11/11/2022	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	11/11/2022	ND	219	110	200	1.58	
DRO >C10-C28*	<10.0	10.0	11/11/2022	ND	235	117	200	0.0682	
EXT DRO >C28-C36	<10.0	10.0	11/11/2022	ND					
Surrogate: 1-Chlorooctane	83.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.6	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received: 11/10/2022 Sampling Date: 11/10/2022 Reported: Sampling Type: 11/15/2022 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Tamara Oldaker Project Number: NOT GIVEN Sample Received By:

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-034-00.5-NA-P (H225349-08)

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	11/13/2022	ND	2.00	100	2.00	7.09	
Toluene*	<0.050	0.050	11/13/2022	ND	2.07	103	2.00	7.72	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.98	98.8	2.00	7.17	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	6.02	100	6.00	7.88	
Total BTEX	<0.300	0.300	11/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.9	% 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	128	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2022	ND	219	110	200	1.58	
DRO >C10-C28*	<10.0	10.0	11/11/2022	ND	235	117	200	0.0682	
EXT DRO >C28-C36	<10.0	10.0	11/11/2022	ND					
Surrogate: 1-Chlorooctane	104 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106 9	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 11/10/2022 Sampling Date: 11/10/2022

Reported: Sampling Type: 11/15/2022 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Tamara Oldaker Project Number: NOT GIVEN Sample Received By:

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-035-02.0-NA-P (H225349-09)

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	11/13/2022	ND	2.00	100	2.00	7.09	
Toluene*	<0.050	0.050	11/13/2022	ND	2.07	103	2.00	7.72	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.98	98.8	2.00	7.17	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	6.02	100	6.00	7.88	
Total BTEX	<0.300	0.300	11/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.9	% 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	304	16.0	11/11/2022	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	11/11/2022	ND	219	110	200	1.58	
DRO >C10-C28*	<10.0	10.0	11/11/2022	ND	235	117	200	0.0682	
EXT DRO >C28-C36	<10.0	10.0	11/11/2022	ND					
Surrogate: 1-Chlorooctane	81.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.4	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Received: 11/10/2022 Sampling Date: 11/10/2022 Reported: Sampling Type: Soil 11/15/2022

Fax To:

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Sample Received By: Project Number: NOT GIVEN Tamara Oldaker

NONE

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-036-02.0-NA-P (H225349-10)

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	11/13/2022	ND	2.00	100	2.00	7.09	
Toluene*	<0.050	0.050	11/13/2022	ND	2.07	103	2.00	7.72	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.98	98.8	2.00	7.17	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	6.02	100	6.00	7.88	
Total BTEX	<0.300	0.300	11/13/2022	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	304	16.0	11/11/2022	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	11/11/2022	ND	210	105	200	0.522	
DRO >C10-C28*	<10.0	10.0	11/11/2022	ND	199	99.5	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	11/11/2022	ND					
Surrogate: 1-Chlorooctane	95.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 9	% 46.3-17	' <i>R</i>						

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Celey D. Keine



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 11/10/2022 Sampling Date: 11/10/2022

Reported: 11/15/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - LEA CO., NM

mg/kg

Sample ID: SP-007-04.0-V-P (H225349-11)

BTEX 8021B

			7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/13/2022	ND	2.00	100	2.00	7.09	
Toluene*	<0.050	0.050	11/13/2022	ND	2.07	103	2.00	7.72	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.98	98.8	2.00	7.17	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	6.02	100	6.00	7.88	
Total BTEX	<0.300	0.300	11/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.6	% 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	304	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2022	ND	210	105	200	0.522	
DRO >C10-C28*	<10.0	10.0	11/11/2022	ND	199	99.5	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	11/11/2022	ND					
Surrogate: 1-Chlorooctane	93.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.4	% 46.3-17	8						

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Celey D. Keene



Notes and Definitions

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

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

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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No No i Correction Pactor 428 C		3C101-U.B.C	Correction Factor -0.5 C	-	No	No	J. TX	0		
		ID #113	Thermometer ID #113	1	es	Yes	200	Corrected Temp. °C		Sampler - UPS - Bus - Other:
	Rush	in e	Turnaround Time:	(Initials)	ndition	Sample Condition Cool Intact	13 13 13 13 13 13 13 13 13 13 13 13 13 1	Observed Temp. °C		Delivered By: (Circle One)
d X Bacteria (only) Sample Condition	Standard							Time:		
			KEMAKNO			Received By:	Recei	Date:		Relinquished By:
	All Results are emailed. Please provide Climin and	re emailed. Pic	All Results a	Make	era U	Mense	0	11-10-12	A	Why.
No Add Fibra.	Yes		Verbal Result:	000		Received By:	Recei	_	Source or seasons as any	Polinguished By:
		rwise.	ated reasons or othe	sequental damages, including without limitation, business interruptions, loss of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or offservise.	such claim is based	ardless of whether	ng without limit Cardinal, reg	sequental damages, includir ce of services hereunder by	ervice. In no event shall Cardinal be liable for incidental or conse	service. In no event shall C
		of the applicable diaries.	ys after completion o ed by client, its subsi	ed by Cardinal within 30 da	writing and receive	ved unless made in	deemed wait	ause whatsoever shall be	PLEASE NOTE: Lability and Darnages. Cardinal's lability and clients exclusive intrody as my variationary more in writing and received by Cardinal within 30 days after completion of the applicable analysis. All claims including those for negligence and any other cause whatboever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analysis.	PLEASE NOTE: Liability a
	-	tfor the	unt paid by the client	X 11/10/2022 11/	in contract or tort.	X X	C 1		CF-036-02.0-NA-P	10
	+	× ;		2202/01/11	-	×	C 1		CF-035-02.0-NA-P	9
	+	× :		2202/01/11		×	C 1		CF-034-00.5-NA-P	8
	+	×		11/10/2022	-	×	+		CF-033-00.5-NA-P	F.
	+	×		11/10/2022		×	+		CF-032-00.5-NA-P	6
	+	×		11/10/2022	+	×	+		CF-031-00.5-NA-P	S,
	-	×		11/10/2022	+	< >	+		CF-030-00.5-NA-P	4
	×	×		11/10/2022	+	< >	+		CF-029-00.5-NA-P	C
	×	×		11/10/2022	-	< >	_		CF-028-00.5-NA-P	7
	×	×		11/10/2022		×	_		CF-02/-00.5-NA-F	S
	×	×		11/10/2022		×	_		OF ONE NA D	רמט ו.ט.
		Chloride	TIME	OTHER:	SLUDGE OTHER: ACID/BASE: ICE / COOL	GROUNDWATER WASTEWATER SOIL OIL	(G)RAB OR (C)OMP. # CONTAINERS		Sample I.D.	H225345
			LING	ERV. SAMPLING	PRESERV.	MATRIX				
					Fax #:				XT	Sampler Name:
	_				Phone #:				Lea Co., NM	ñ.
		_		Zip:	State:	vices.com	ilfieldse	dan@trinityoilfieldservices.com	ANTELOPE RIDGE CDP	ame:
					City:	(see below)		Project Owner:		Project #:
					Address:			Fax#:		Phone #:
				Connor Walker	Attn:	88241	Zip: 8	State: NM	Hobbs	
			Co.	_	Company:				8426 N Dal Paso	Address:
					P.O. #:				Dan Dunkelberg	Project Manager: Dan Dunkelberg
		-		BILL 10					Company Name: Trinity Oilfield Services	Company Name:
ANALYSIS REQUEST						393-2476	AX (575	(575) 393-2326 FAX (575) 393-2476	Laboratories	Labo
					0	s, NM 8824	d, Hobb	101 East Marland, Hobbs, NM 88240		CAX



November 22, 2022

DAN DUNKELBERG
TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS, NM 88241

RE: ANTELOPE RIDGE CDP

Enclosed are the results of analyses for samples received by the laboratory on 11/17/22 15:54.

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)

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Accreditation applies to public drinking water matrices.

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

Sincerely,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 11/17/2022 Sampling Date: 11/17/2022

Reported: 11/22/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

A I J D. ... 711

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: SP-008-01.0-HS-P (H225446-01)

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	11/19/2022	ND	2.04	102	2.00	4.20	
Toluene*	<0.050	0.050	11/19/2022	ND	2.16	108	2.00	4.45	
Ethylbenzene*	<0.050	0.050	11/19/2022	ND	1.98	98.9	2.00	3.58	
Total Xylenes*	<0.150	0.150	11/19/2022	ND	5.94	99.1	6.00	3.79	
Total BTEX	<0.300	0.300	11/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 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	11/18/2022	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	11/18/2022	ND	207	103	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	196	98.1	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					
Surrogate: 1-Chlorooctane	107	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Received: 11/17/2022 Sampling Date: 11/17/2022

Reported: 11/22/2022 Sampling Type: Soil

Fax To:

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

Analyzed By: 14

NONE

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: SP-009-01.0-HS-P (H225446-02)

RTFY 8021R

B1EX 8021B	mg,	кg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2022	ND	2.05	102	2.00	8.89	
Toluene*	<0.050	0.050	11/18/2022	ND	2.17	109	2.00	8.75	
Ethylbenzene*	<0.050	0.050	11/18/2022	ND	2.13	107	2.00	8.71	
Total Xylenes*	<0.150	0.150	11/18/2022	ND	6.54	109	6.00	8.30	
Total BTEX	<0.300	0.300	11/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 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	128	16.0	11/18/2022	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	11/18/2022	ND	207	103	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	196	98.1	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					
Surrogate: 1-Chlorooctane	110 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	119	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Received: 11/17/2022 Sampling Date: 11/17/2022 Reported: Sampling Type: Soil 11/22/2022

Fax To:

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

NONE

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: SP-009-01.0-HN-P (H225446-03)

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	11/18/2022	ND	2.05	102	2.00	8.89	
Toluene*	<0.050	0.050	11/18/2022	ND	2.17	109	2.00	8.75	
Ethylbenzene*	<0.050	0.050	11/18/2022	ND	2.13	107	2.00	8.71	
Total Xylenes*	<0.150	0.150	11/18/2022	ND	6.54	109	6.00	8.30	
Total BTEX	<0.300	0.300	11/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 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	336	16.0	11/18/2022	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	11/18/2022	ND	207	103	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	196	98.1	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					
Surrogate: 1-Chlorooctane	97.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 11/17/2022 Sampling Date: 11/17/2022

Reported: 11/22/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: SP-009-01.0-HW-P (H225446-04)

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	11/18/2022	ND	2.05	102	2.00	8.89	
Toluene*	<0.050	0.050	11/18/2022	ND	2.17	109	2.00	8.75	
Ethylbenzene*	<0.050	0.050	11/18/2022	ND	2.13	107	2.00	8.71	
Total Xylenes*	<0.150	0.150	11/18/2022	ND	6.54	109	6.00	8.30	
Total BTEX	<0.300	0.300	11/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.8	% 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	11/18/2022	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	11/18/2022	ND	207	103	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	196	98.1	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					
Surrogate: 1-Chlorooctane	99.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

 Received:
 11/17/2022
 Sampling Date:
 11/17/2022

 Reported:
 11/22/2022
 Sampling Type:
 Soil

Fax To:

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

NONE

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-037-02.0-NA-P (H225446-05)

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	11/18/2022	ND	2.05	102	2.00	8.89	
Toluene*	<0.050	0.050	11/18/2022	ND	2.17	109	2.00	8.75	
Ethylbenzene*	<0.050	0.050	11/18/2022	ND	2.13	107	2.00	8.71	
Total Xylenes*	<0.150	0.150	11/18/2022	ND	6.54	109	6.00	8.30	
Total BTEX	<0.300	0.300	11/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 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	816	16.0	11/18/2022	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	11/18/2022	ND	207	103	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	196	98.1	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	8						

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*=Accredited Analyte

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Received: 11/17/2022 Sampling Date: 11/17/2022

Reported: 11/22/2022 Sampling Type: Soil
Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (

Fax To:

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

Analyzed By: 14

NONE

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-038-02.0-NA-P (H225446-06)

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	11/18/2022	ND	2.05	102	2.00	8.89	
Toluene*	<0.050	0.050	11/18/2022	ND	2.17	109	2.00	8.75	
Ethylbenzene*	<0.050	0.050	11/18/2022	ND	2.13	107	2.00	8.71	
Total Xylenes*	<0.150	0.150	11/18/2022	ND	6.54	109	6.00	8.30	
Total BTEX	<0.300	0.300	11/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.0	% 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	656	16.0	11/18/2022	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	11/18/2022	ND	207	103	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	196	98.1	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					
Surrogate: 1-Chlorooctane	99.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 46.3-17	8						

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Me Sough



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 11/17/2022 Sampling Date: 11/17/2022

Reported: 11/22/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-039-11.0-NA-P (H225446-07)

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	11/18/2022	ND	2.05	102	2.00	8.89	
Toluene*	<0.050	0.050	11/18/2022	ND	2.17	109	2.00	8.75	
Ethylbenzene*	<0.050	0.050	11/18/2022	ND	2.13	107	2.00	8.71	
Total Xylenes*	<0.150	0.150	11/18/2022	ND	6.54	109	6.00	8.30	
Total BTEX	<0.300	0.300	11/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 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	400	16.0	11/18/2022	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	11/18/2022	ND	207	103	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	196	98.1	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					
Surrogate: 1-Chlorooctane	98.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	78						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 11/17/2022 Sampling Date: 11/17/2022

Reported: 11/22/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: LEA CO., NM Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - LEA CO., NM

mg/kg

Sample ID: CF-040-05.0-NA-P (H225446-08)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2022	ND	2.05	102	2.00	8.89	
Toluene*	<0.050	0.050	11/18/2022	ND	2.17	109	2.00	8.75	
Ethylbenzene*	<0.050	0.050	11/18/2022	ND	2.13	107	2.00	8.71	
Total Xylenes*	<0.150	0.150	11/18/2022	ND	6.54	109	6.00	8.30	
Total BTEX	<0.300	0.300	11/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 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	272	16.0	11/18/2022	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	11/18/2022	ND	207	103	200	1.24	
DRO >C10-C28*	<10.0	10.0	11/18/2022	ND	196	98.1	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	11/18/2022	ND					
Surrogate: 1-Chlorooctane	103	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113 9	% 46.3-17	8						

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Me Sough

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

Released to Imaging: 2/22/2023 11:33:23 AM



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Mile Sough

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

Released to Imaging: 2/22/2023 11:33:23 AM

	Sampler - UPS - Bus - Other:	Delivered By: (Circle One)		Relinquished By:) \$ Sw	Relinquished By:	affiliates or successors ari	analyses. All claims includ	PLEASE NOTE: Liability a			X	7	6	5	4	U	2	1	Lab I.D.	HASHIY		Sampler Name:	ä.	ame:	Project #:	ie #:	City:	Address:		Company Name:		CAR
	dus - Other:	cle One)		7.	In which	1	filiates or successors arising out of or related to the performance of se	analyses. All claims including those for negligence and any other cause whatsoever shall be destined resources interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, securice in no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries.	and Damages. Cardinal's liability and client's exclusive remedy for any claim			CF-040-05.0-NA-P	CF-039-11.0-NA-P	CF-038-02.0-NA-P	CF-037-02.0-NA-P	SP-009-01.0-HW-P	SP-009-01.0-HN-P	SP-009-01.0-HS-P	SP-008-01.0-HS-P	Campio	Sample I.D.		XT	Lea Co., NM	ANTELOPE RIDGE CDP			Hobbs	8426 N Dal Paso	Dan Dunkelberg	Trinity Oilfield Services		CARDINAL 10 Laboratories (6
	Corrected Temp. °C & &	Observed Temp. °C, 9,4	Time:	Date:	175'S4	Date: 17-22	of services hereunder by Cardinal, rega	cause whatsoever shall be de quental damages, including v	ent's exclusive remedy for an																dan@trinityoilfi	Project Owner:	Fax#:	State: NM Z				0,000	101 East Marland, Hobbs, NM 8824 (675) 393-2326 FAX (575) 393-2476
No.	8 8 No.	Sample Condition		Received By:		Received by	irdinal, regardless of whether	vithout limitation, business into	y claim arising whether based			C 1 X	C 1 ×	C 1	_		-	-		* #	G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	MATRIX	A		dan@trinityoilfieldservices.com	(see below)	1	Zip: 88241					101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
NO N	Yes 9	1			All Che		rdiess of whether such claim is based upon any or an Verbal Result:	erruptions, loss of use, or	whether based in contract or tort, shall be limited to the amount paid by the client for or whether based in contract or tort, shall be limited to the amount paid by the client for or where made in writing and received by Cardinal within 30 days after completion of the ap-												SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	PRESERV.	Fax #:	Phone #:		1	Address:	1		nv.	PO.#:		0
	,9	CHECKED BY: (Initials)			Mark		V	loss of profits incurred b	e limited to the amount planting within 30 days a			11/17/2022	11/1/1/2022	2202011111	11/1/1/2022	11/17/2022	11/17/2022	11/17/2022	11/17/2022	11/17/2022	DATE	SAMITLING	SAMBIN		Zip:	71		Collinor	Connor Walker	Mewbourne Oil Co.		BILL TO	500 181
	Thermometer ID #113 Correction Factor -0.6 °C	Turnaround Time:		Carolina Co.	DEMARKS:	II Results are	Verbal Result:	y client, its subsidiari reasons or otherwis	ther completion of the				-								TIME	0	ā										
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December 01, 2022

DAN DUNKELBERG
TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS, NM 88241

RE: ANTELOPE RIDGE CDP

Enclosed are the results of analyses for samples received by the laboratory on 11/29/22 16:05.

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. 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



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

 Received:
 11/29/2022
 Sampling Date:
 11/29/2022

 Reported:
 12/01/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: SP-009-10.0-V-P (H225580-01)

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	11/30/2022	ND	1.85	92.6	2.00	1.59	
Toluene*	<0.050	0.050	11/30/2022	ND	2.10	105	2.00	0.873	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.13	107	2.00	0.882	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.52	109	6.00	0.518	
Total BTEX	<0.300	0.300	11/30/2022	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	208	16.0	11/30/2022	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	11/30/2022	ND	223	112	200	3.63	
DRO >C10-C28*	<10.0	10.0	11/30/2022	ND	205	102	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	84.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.8	% 46.3-17	8						

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Celeg & Freene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

 Received:
 11/29/2022
 Sampling Date:
 11/29/2022

 Reported:
 12/01/2022
 Sampling Type:
 Soil

Fax To:

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

NONE

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-041-10.0-NA-P (H225580-02)

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	11/30/2022	ND	1.85	92.6	2.00	1.59	
Toluene*	<0.050	0.050	11/30/2022	ND	2.10	105	2.00	0.873	
Ethylbenzene*	<0.050	0.050	11/30/2022	ND	2.13	107	2.00	0.882	
Total Xylenes*	<0.150	0.150	11/30/2022	ND	6.52	109	6.00	0.518	
Total BTEX	<0.300	0.300	11/30/2022	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	192	16.0	11/30/2022	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	11/30/2022	ND	223	112	200	3.63	
DRO >C10-C28*	<10.0	10.0	11/30/2022	ND	205	102	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	11/30/2022	ND					
Surrogate: 1-Chlorooctane	98.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	78						

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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

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Celey D. Keene

Colline Salabe NM Zip 88241 Alth: Connor Walker Zip	Oilfields Services BILL TO AMALYSIS REQUEST	Services	No Corrected Temp. °C		Correction Factor -0.6 °C	V -	No No		
Duriceliberg Polyect Owner: (see below) Company: Wendowns Of Co.	Injuncializary Durwich	ATOPICS No Official Services	Yes		Thermometer ID #113	3	3	Corrected Temp. °C	er - UPS - Bus - Other:
Part	Project Owner: (see below) State: NM ZIP: 88241 Attre. ZIP: Address: ZIP: ZIP: Address: ZIP: ZIP	CHAIN-O CRITICATICS STATE Mariand, Hobbs, NM 88240 CHAIN-O CHAIN-O	Bacteria (only) Sample Co	Standard	Turnaround Time:	CHECKED BY:		Observed Temp. °C	red By: (Circle One)
PODE: Dan Durkelberg PODE:	Trinity Oilfield Services BILL TO	Trinity Olifield Services Final Dunkelberg State: NM Zip: 88241 Attn: Company: Mendoure oil Co. Hobbs State: NM Zip: 88241 Attn: Compon Walter Froject Dwner; (see below) Lea Co., NM ATT Sample I.D. Sample I.D. Sample I.D. GRESSI SAMPLING For Received By: R				,		Time:	
Dan Durkelberg PO. #: PO	BILL TO	Company: Markourre Col Co. State: NM Zip: 88241 Attn: Company: Markourre Col Co. Company: Markourre Col Co. Attn: Company: Markourre Col Co. Address: Zip: Company: Markourre Col Co. Company: Markourre Col Co. Markourre Col Co. Markourre Col Co. Company: Markourre Col Co. Markourre C			REMARKS:		Received By:		quished By:
Dan Dunkelberg Poulet Owner See below Company Mandourne Off Co.	BILL TO	CHAIN-O Cattories Cattor	ddress:	Please provide Email a	All/Results are emailed.	Makes	Daniell		R
X X Chloride X X TPH X X BTEX	X X Chloride X X TPH X X BTEX	X X Chloride X X TPH X X BTEX BTEX		Yes	Werbal Result:	100	Received By:	Date: 17972	quished By:
X X Chloride X X TPH X X BTEX	X X Chloride X X TPH X X BTEX	X X Chloride X X TPH X X BTEX			d by client, its subsidiaries, ted reasons or otherwise.	s of use, or loss of profits incurred based upon any of the above state	thout limitation, business interruptions, los dinal, regardless of whether such claim is	cidental or consequental damages, including with performance of services hereunder by Car	n no event shall Cardinal be liable for in or successors arising out of or related to
× × Chloride × × TPH × × BTEX	× × Chloride × × TPH × × BTEX	× × Chloride × × TPH × × BTEX			nt paid by the client for the applicable is after completion of the applicable.	r wrt, shall be limited to the amount of the cardinal within 30 day	med waived unless made in writing and re	se and any other cause whatsoever shall be dee	All claims including those for negligeno
Fax #: Project Owner: (see below) State: XT Zip: Zip: Zip: Zip: Zip: Zip: Zip:	Project Owner: (see below) State: NM Zip: 88241 Attn: Company: Maddress: Company: Company: Maddress: Company:	CHAIN-O Control Cont			paid he the offers the	that shall be limited to the amount	claim arising whether hased in contract of	al's liability and client's exclusive remedy for any	NOTE: Liability and Damages, Cardina
Finds Company Project Owner: (see below) State: NM Zip: 88241 Attn: Company Mewbourie Oil Co.	Trinity Oilfield Services P.O. #: BILL TO	CHAIN-O							
File Connor Valled Services File Fil	Trinity Oilfield Services	CHAIN-O							****
	Trinity Olifield Services P.O.#:	CHAIN-O							1
	Tinity Olifield Services P.O. #: PO. #:	OF Catories 101 East Marland, Hobbs, NM 88241 S75) 393-2326 FAX (575) 393-2476 P.O. #: Trinity Ollfield Services P.O. #: P.O							-
Fax #: F	Trinity Olifield Services Po.#: Trinity Olifield Services Po.#: BILL TO	101 East Marland, Hobbs, NM 88240 State: NM 2ip: 393-2326 FAX (575) 393-2476 State: NM 2ip: 88241 Attn: Company: Mewbourne Oil Co. Hobbs Fax #: Address: Phone #: Time Phone #	,				2		1
Fax #: F	Trinity Olifield Services Pro. #: Trinity Olifield Services Pro. #: Project Owner: (see below) City: Company: Mewbourne Oil Co. Attn: Company: Mewbourne Oil Co. Address: City: City: City: Project Owner: (see below) State: Zip:	101 East Marland, Hobbs, NM 88240 State: NM Zip: State: Zip:							1
Fax #: F	Project Owner: See below State: NM Zip: 88241 Attn: Connor Valker Attn: Attn: Connor Valker Attn: Con	CHAIN-O							-
	Project Owner: (see below) State: NM Zip: 88241 Attn: Connor Walker Attn: Connor	101 East Marland, Hobbs, NM 8240		-	×	11/29/2022	1	0-NA-P	2 CF-041-10.
## Innity Olifield Services P.O.#: P.O.#: P.O.#: P.O.#: P.O.#: P.O.#: P.O.#: P.O.#: P.O.#: Project Owner: (see below) City: Project Owner: (see below) State: Zip: Project Owner: (see below) State: Zip:	Trinity Olifield Services P.O. #: P.O. #	101 East Marland, Hobbs, NM 88240 ST55) 393-2326 FAX (575) 393-2476 ST7		_	×	11/29/2022	1	0-V-P	SP-009-10.
## Innity Olifield Services ## Project Owner: (see below) ** ANTELOPE RIDGE CDP** ** ANTELOPE	## Trinity Oilfield Services ### ### ############################	101 East Marland, Hobbs, NM 88240 CHAIN-0			7	ICE / COOL OTHER :	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	Sample I.D.	25580 ab I.D.
## Innity Olifield Services ## P.O. #: BA26 N Dal Paso	## Trinity Oilfield Services ### ### ############################	101 East Marland, Hobbs, NM 88247 STRINITY Olifield Services Fax (575) 393-2476 STRINITY Olifield Services P.O. #: 8426 N Dal Paso			PLING		MATRIX		LAB USE ONLY
## Innity Olifield Services ## P.O. #: 8426 N Dal Paso	r: Trinity Oilfield Services R2426 N Dal Paso Hobbs State: NM Zip: 88241 Fax #: Project Owner: (see below) ANTELOPE RIDGE CDP	101 East Marland, Hobbs, NM 88247 STRINITY Olifield Services STRINITY Olifield Services STRINITY Olifield Services P.O. #: 8426 N Dal Paso	70.			#	Fax		
ANTELOPE RIDGE CDP Anager: Ininity Olifield Services P.O. #: P.O. #: P.O. #: P.O. #: P.O. #: P.O. #: P.O. #: P.O. #: P.O. #: P.O. #: P.O.	Name: Trinity Oilfield Services anager: Dan Dunkelberg 8426 N Dal Paso Hobbs State: NM Zip: 88241 Fax#: Project Owner: (see below) Project Owner: (see below) Address: City: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip:	ANTELOPE RIDGE CDP Io1 East Marland, Hobbs, NM 88241 S75) 393-2326 FAX (575) 393-2476 STATE S75) 393-2476 STATE S75) 393-2326 FAX (575) 393-2476 STATE S75) 393-2476 STATE S75) 393-2476 S75) 393-247				ne #:	Pho	×	ct Location: Lea Co., N
Name: Irinity Olifield Services	Mame: Trinity Oilfield Services BILL TO BILL TO Project Owner: (see below) Company: Mewbourne Oil Co. Mewbourne Oil Co. Address: Address: City: City: City:	ARDINAL 101 East Marland, Hobbs, NM 882476							
Name: Irinity Olifield Services	V Name: Trinity Olifield Services Itanager: Dan Dunkelberg P.O. #: 8426 N Dal Paso Company: Mewbourne Oil Co. Hobbs State: NM Zip: 88241 Attn: Connor Walker Fax #: Address:	101 East Marland, Hobbs, NM 88247 101 East Marland, Hobbs, NM					(see below)	Project Owne	ct #:
Pany Name: Irinity Olifield Services BILL TO BILL TO Company: Mewbourne Oil Co. 426 N Dall Paso State: NM Zip: 88241 Attn: Connor Walker Connor Walker	pany Name: Trinity Olifield Services ct Manager: Dan Dunkelberg ess: 8426 N Dal Paso State: NM Zip: 88241 Attn: Connor Walker	CHAIN-O					Add	Fax#:	le #:
P.O. #: Company: Mewbourne Oil Co.		101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 P.O. #: Company: Mewbourne Oil Co.			er		88241		
P.O. #:	ivices BILL TO	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 PO. #: CHAIN-O CHAIN-O BILL TO			Oil Co.		Con	l Paso	
BILL 10	BILL TO	01 East Marland, Hobbs, NM 88240 575) 393-2326 FAX (575) 393-2476 BILL TO				#:	P.O.	blberg	ct Manager: Dan Dunke
	The state of the s	101 East Marland, Hobbs, NM 88240 CHAIN-O (575) 393-2326 FAX (575) 393-2476	ANALYSIS REQUEST			BILL TO		eld Services	pany Name: Trinity Oilfi



December 05, 2022

DAN DUNKELBERG
TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS, NM 88241

RE: ANTELOPE RIDGE CDP

Enclosed are the results of analyses for samples received by the laboratory on 12/01/22 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. 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



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 12/01/2022

12/05/2022

Project Name: ANTELOPE RIDGE CDP

Project Number: NOT GIVEN

Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 12/01/2022

Sampling Type: Soil

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

Sample ID: CW-001-00.5-NA-P (H225645-01)

Reported:

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	12/03/2022	ND	2.07	103	2.00	9.13	
Toluene*	<0.050	0.050	12/03/2022	ND	2.18	109	2.00	9.59	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.20	110	2.00	9.25	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.63	111	6.00	9.71	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 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	320	16.0	12/05/2022	ND	448	112	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	12/04/2022	ND	220	110	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	201	100	200	9.60	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	90.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.8	% 46.3-17	8						

A I J D. ... 711

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Celey D. Keine



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 12/01/2022 Sampling Date: 12/01/2022

Reported: 12/05/2022 Sampling Type: Soil
Project Name: ANTELOPE RIDGE CDP Sampling Condition: **(

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CW-002-00.5-NA-P (H225645-02)

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	12/03/2022	ND	2.07	103	2.00	9.13	
Toluene*	<0.050	0.050	12/03/2022	ND	2.18	109	2.00	9.59	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.20	110	2.00	9.25	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.63	111	6.00	9.71	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 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	12/05/2022	ND	448	112	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	12/04/2022	ND	220	110	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	201	100	200	9.60	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	94.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.9	% 46.3-17	8						

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Celey D. Keine



12/01/2022

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 12/01/2022 Sampling Date:

Reported: 12/05/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CW-003-04.0-NA-P (H225645-03)

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	12/03/2022	ND	2.07	103	2.00	9.13	
Toluene*	<0.050	0.050	12/03/2022	ND	2.18	109	2.00	9.59	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.20	110	2.00	9.25	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.63	111	6.00	9.71	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 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	1140	16.0	12/05/2022	ND	448	112	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	12/04/2022	ND	220	110	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	201	100	200	9.60	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	90.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.8	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 12/01/2022 Sampling Date: 12/01/2022

Reported: 12/05/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CW-004-03.0-NA-P (H225645-04)

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	12/03/2022	ND	2.07	103	2.00	9.13	
Toluene*	<0.050	0.050	12/03/2022	ND	2.18	109	2.00	9.59	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.20	110	2.00	9.25	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.63	111	6.00	9.71	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 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	304	16.0	12/05/2022	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2022	ND	220	110	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	201	100	200	9.60	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	100	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.6	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 12/01/2022 Sampling Date: 12/01/2022

Reported: 12/05/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)

Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CW-005-03.0-NA-P (H225645-05)

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	12/03/2022	ND	2.07	103	2.00	9.13	
Toluene*	<0.050	0.050	12/03/2022	ND	2.18	109	2.00	9.59	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.20	110	2.00	9.25	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.63	111	6.00	9.71	
Total BTEX	<0.300	0.300	12/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 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	12/05/2022	ND	448	112	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	12/03/2022	ND	196	97.9	200	3.14	
DRO >C10-C28*	<10.0	10.0	12/03/2022	ND	233	116	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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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

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Celey D. Keene

Company Name: T	Company Name: Trinity Oilfield Services	S								BI	BILL TO	0						A	AL	SIS	ANALYSIS REQUEST	UE	TST		
Project Manager: Dan Dunkelberg	Dan Dunkelberg						۵.	P.O. #:													_				_
Address: 8	8426 N Dal Paso						0	Company:	iny:	Me	Mewbourne Oil Co	ne Oil	Co.		-										_
City:	Hobbs	State: NM	Zip:	88	88241		A	Attn:		Cor	Connor Walker	alker		_							_				
Phone #:	×	H					A	Address:	S:	\neg						_									_
Project #:		Project Owner:		ee b	(see below)		Ω	City:								_			_		_		_		
ame:	ANTELOPE RIDGE CDP	dan@trinityoilfieldservices.com	field	serv	ices.	com	S	State:	\vdash	Zip:				_		,									
n:	ea Co., NM						P	Phone #:	#	\sqcap				_											
Sampler Name: X	XT	2					F	Fax #:													_				
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PLEASE NOTE: Liability and [PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether ba	exclusive remedy for any	claim	rising	whether	based	n contra	ct or to	t, shall	be limits	sed in contract or tort, shall be limited to the any	81	ant paid by the dient for the	the .		_					-				-
analyses. All claims including to service. In no event shall Cardi affiliates or successors arising o	analyses. All daims including those for negligence and any other cause whatsoever that the deement waves unless made in writing and received by Cardinal within Jud against completion of the approaches service. In no event shall Cardinal be liable for incidental or consequental anges, including without firmitation, unless intemprisen, loss of use, or loss of profits incurred by client, its subsidiaries, infiliates or successors arising out of or reliable to the performance of services because of services of whether such claims beloed upon any of the above stated reasons or otherwise.	 whatsoever shall be de- tal damages, including weevices hereunder by Car 	thout lindinal, re	arved unitation	nless m , busing ss of wh	ade in v	ruptions uch clair	nd rece , loss of n is bas	red by	Cardina r loss of n any of	profits in the above	curred l	after completion of the by client, its subsidiari d reasons or otherwise	e applicable les,											
Relinquished By		Date:	Rece	ived	Received By:					2	•	1	Verbal Result:		Yes	No		Add'	Add'l Phone #:	#					
Xvelutt)	Tallors	Time: /5	7		Jan.		The same of the sa	M	1	The second	le !		All Results are emailed. Please provide Email	emailed. P	lease provi		address:	n							
Relinquished By:		Date:	Received By:	ived	By:			5	()	*	(_	REMARKS:												
		Time:																							
Delivered By: (Circle One)		Observed Temp. °CQ, /	2	S	Sample Condition	Cond	lition		유	CHECKED BY:	ВҮ:		Turnaround Time:	ie:	w	Standard	×			Bacte	Bacteria (only) Sample Condition	y) Sa	mple	Conc	dition
Parallel IIIC Bio		Town of	,	1	Cool Intact	Intac	1	1	_	(Initials)	S				77	Rush			7.0		Intact	~] દૂ	n	9	Observed Temp. °C
Sampler - UPS - Bus - Other:		Corrected Temp. °C8, S	3		1	No	No		1	7	. 6		Thermometer ID #113 Correction Factor -0.6 °C	-0.6°C							No	No	, G)	
				ŀ		ı						_											,	Co	Corrected Temp. °C



December 13, 2022

DAN DUNKELBERG
TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS, NM 88241

RE: ANTELOPE RIDGE CDP BOOSTER

Enclosed are the results of analyses for samples received by the laboratory on 12/02/22 16:25.

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 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:

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: ANTELOPE RIDGE CDP BOOSTER

Project Number: NOT GIVEN

Project Manager: DAN DUNKELBERG

Fax To: NONE

Reported: 13-Dec-22 09:55

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CW-006-02.0	H225680-01	Soil	02-Dec-22 00:00	02-Dec-22 16:25
CW-007-02.0	H225680-02	Soil	02-Dec-22 00:00	02-Dec-22 16:25
CF-037-03.0	H225680-03	Soil	02-Dec-22 00:00	02-Dec-22 16:25
CF-038-03.0	H225680-04	Soil	02-Dec-22 00:00	02-Dec-22 16:25

12/13/22 - Sample IDs for -03 and -04 were not logged in correctly. This is the revised report and will replace the one sent on 12/09/22.

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: ANTELOPE RIDGE CDP BOOSTER

Project Number: NOT GIVEN

Project Manager: DAN DUNKELBERG

Fax To: NONE

Reported: 13-Dec-22 09:55

CW-006-02.0 H225680-01 (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	2120820	GM	08-Dec-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120611	JH/	09-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120611	JH/	09-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120611	JH/	09-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120611	JH/	09-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120611	JH/	09-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		105 %	69.9	-140	2120611	JH/	09-Dec-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120622	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120622	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120622	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			83.4 %	45.3	-161	2120622	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			89.6 %	46.3	-178	2120622	MS	07-Dec-22	8015B	

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: ANTELOPE RIDGE CDP BOOSTER

Project Number: NOT GIVEN

Project Manager: DAN DUNKELBERG

Fax To: NONE

Reported: 13-Dec-22 09:55

CW-007-02.0 H225680-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	2120820	GM	08-Dec-22	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120611	JH/	09-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120611	JH/	09-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120611	JH/	09-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120611	JH/	09-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120611	JH/	09-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			109 %	69.9	-140	2120611	JH/	09-Dec-22	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120622	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120622	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120622	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			90.0 %	45.3	-161	2120622	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			96.3 %	46.3	-178	2120622	MS	07-Dec-22	8015B	

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: ANTELOPE RIDGE CDP BOOSTER

Project Number: NOT GIVEN

Project Manager: DAN DUNKELBERG

Fax To: NONE

Reported: 13-Dec-22 09:55

CF-037-03.0 H225680-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	304		16.0	mg/kg	4	2120820	GM	08-Dec-22	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	2120611	JH/	09-Dec-22	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	2120611	JH/	09-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120611	JH/	09-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120611	JH/	09-Dec-22	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	2120611	JH/	09-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			107 %	69.9	-140	2120611	JH/	09-Dec-22	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120622	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120622	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120622	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane			83.5 %	45.3	-161	2120622	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			88.3 %	46.3	-178	2120622	MS	07-Dec-22	8015B	

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: ANTELOPE RIDGE CDP BOOSTER

Project Number: NOT GIVEN

Project Manager: DAN DUNKELBERG

Fax To: NONE

Reported: 13-Dec-22 09:55

CF-038-03.0 H225680-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	352		16.0	mg/kg	4	2120820	GM	08-Dec-22	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	0.062		0.050	mg/kg	50	2120611	JH/	09-Dec-22	8021B	
Toluene*	0.188		0.050	mg/kg	50	2120611	JH/	09-Dec-22	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	2120611	JH/	09-Dec-22	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	2120611	JH/	09-Dec-22	8021B	
Total BTEX	0.369		0.300	mg/kg	50	2120611	JH/	09-Dec-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		108 %	69.9	-140	2120611	JH/	09-Dec-22	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2120622	MS	07-Dec-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2120622	MS	07-Dec-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2120622	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctane		-	86.8 %	45.3	-161	2120622	MS	07-Dec-22	8015B	
Surrogate: 1-Chlorooctadecane			92.0 %	46.3	-178	2120622	MS	07-Dec-22	8015B	

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: ANTELOPE RIDGE CDP BOOSTER

Project Number: NOT GIVEN

Project Manager: DAN DUNKELBERG

Fax To: NONE

Reported: 13-Dec-22 09:55

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2120820 - 1:4 DI Water										
Blank (2120820-BLK1)				Prepared &	Analyzed:	08-Dec-22				
Chloride	ND	16.0	mg/kg							
LCS (2120820-BS1)				Prepared &	Analyzed:	08-Dec-22				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (2120820-BSD1)				Prepared &	Analyzed:	08-Dec-22				
Chloride	400	16.0	mg/kg	400		100	80-120	3.92	20	

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%REC

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: ANTELOPE RIDGE CDP BOOSTER

Project Number: NOT GIVEN

Project Manager: DAN DUNKELBERG

Fax To: NONE

Reported: 13-Dec-22 09:55

RPD

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Spike

Source

Cardinal Laboratories

Reporting

0.0542

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2120611 - Volatiles										
Blank (2120611-BLK1)				Prepared: 0	6-Dec-22 A	Analyzed: 0	9-Dec-22			
Benzene	ND	0.050	mg/kg							
Coluene	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)	0.0536		mg/kg	0.0500		107	69.9-140			
LCS (2120611-BS1)				Prepared: 0	6-Dec-22 A	Analyzed: 0	9-Dec-22			
Benzene	2.06	0.050	mg/kg	2.00		103	83.4-122			
Toluene	2.07	0.050	mg/kg	2.00		103	84.2-126			
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	84.2-121			
n,p-Xylene	4.25	0.100	mg/kg	4.00		106	89.9-126			
-Xylene	1.98	0.050	mg/kg	2.00		99.2	84.3-123			
Total Xylenes	6.24	0.150	mg/kg	6.00		104	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0519		mg/kg	0.0500		104	69.9-140			
LCS Dup (2120611-BSD1)				Prepared: 0	6-Dec-22 A	Analyzed: 0	9-Dec-22			
Benzene	2.14	0.050	mg/kg	2.00		107	83.4-122	3.71	12.6	
Toluene	2.15	0.050	mg/kg	2.00		107	84.2-126	3.98	13.3	
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	84.2-121	4.62	13.9	
n,p-Xylene	4.42	0.100	mg/kg	4.00		110	89.9-126	3.87	13.6	
-Xylene	2.11	0.050	mg/kg	2.00		106	84.3-123	6.20	14.1	
Total Xylenes	6.53	0.150	mg/kg	6.00		109	89.1-124	4.62	13.4	

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mg/kg

0.0500

108

69.9-140

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Celey D. Keine

Surrogate: 4-Bromofluorobenzene (PID)



%REC

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: ANTELOPE RIDGE CDP BOOSTER

Spike

Source

Project Number: NOT GIVEN

Project Manager: DAN DUNKELBERG

Fax To: NONE

Reported: 13-Dec-22 09:55

RPD

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2120622 - General Prep - Organics										
Blank (2120622-BLK1)				Prepared: ()6-Dec-22 A	Analyzed: 0	7-Dec-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	38.2		mg/kg	50.0		76.5	45.3-161			
Surrogate: 1-Chlorooctadecane	41.2		mg/kg	50.0		82.4	46.3-178			
LCS (2120622-BS1)				Prepared: ()6-Dec-22 A	Analyzed: 0	7-Dec-22			
GRO C6-C10	181	10.0	mg/kg	200		90.6	76.8-124			
DRO >C10-C28	178	10.0	mg/kg	200		89.2	74.9-127			
Total TPH C6-C28	360	10.0	mg/kg	400		89.9	77.5-124			
Surrogate: 1-Chlorooctane	46.0		mg/kg	50.0		92.0	45.3-161			
Surrogate: 1-Chlorooctadecane	53.1		mg/kg	50.0		106	46.3-178			
LCS Dup (2120622-BSD1)				Prepared: ()6-Dec-22 A	Analyzed: 0	7-Dec-22			
GRO C6-C10	171	10.0	mg/kg	200		85.7	76.8-124	5.51	17.2	
DRO >C10-C28	167	10.0	mg/kg	200		83.5	74.9-127	6.64	18.6	
Total TPH C6-C28	338	10.0	mg/kg	400		84.6	77.5-124	6.07	17.6	
Surrogate: 1-Chlorooctane	48.3		mg/kg	50.0		96.5	45.3-161			
Surrogate: 1-Chlorooctadecane	54.3		mg/kg	50.0		109	46.3-178			

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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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 10 of 11

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

			m (0 m			-			_	-				S	ס	P	Р	P	C	A	P	ဂ္ဂ	
Delivered By: (Circle One)	Relinquished By:	Relinquished By:	analyses. All claims includin service. In no event shall Ca affiliates or successors arisir	PLEASE NOTE: Liability an			4	N L	3-	1257°80		Lab I.D.	FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name: (A) HORONE	Project #:	e #:		Address: 842W	oject Manager:	Company Name:	
(Circle One)	Υ.	Talma	ng those for negligence and ar ardinal be liable for incidental on the perfect of the perfect of	d Damages. Cardinal's liability			1 1	C-037-	0.7 0 - 900 - CM			Sample I.D.		六	MNINA	ntelope pidope				o M. Dal pasc			(575) 393-2326
Corrected Temp. °C	Date:	Times 25	analyses. All claims including those for negligence and any other cause whatspever shall be deetined waveru uness allowed to the consequent and the cause whatspever shall be deetined waveru uness interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, service, in no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, service, in no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, service, in no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, service, in no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of use,	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the			03.0	03.0	700							6 COP BOUSHET	Project Owner:	Fax #:	State: NM Z	1/50	pera	Fring Oilfield services	575) 393-2326 FAX (575) 393-2476
z's	ved		without limitation, business ardinal, regardless of wheth	ny claim arising whether bas			1 /x	~ ·	× >	- #	CON	B OR (C)O ITAINERS INDWATER EWATER	2						Zip: 88240			*	6
Cool Intact	By:	in Ma	interruptions, loss of use, her such claim is based up	sed in contract or tort, shall						5	OIL SLUDO OTHE ACID/	R: BASE:	MAIRIX	Fax	Phone #:	State:	City:	Address:	Attn:	Compar	P.O. #:		
(Initials)	CHECKED BY:	al de la company	or loss of profits incurred by on any of the above stated in	be limited to the amount pay V Cardinal within 30 days af			19/0/00	10 6 6 61	tolela	_	OTHE DATE	COOL ER:		SERVI SAMPLING	**	Zip:		9:	Attn: Conny Walle	Company: NEWYDUY NE OI ICO.		BILL TO	
Thermometer ID #113 Correction Factor -0.6°C	JUNG Turnaround Time:	All Results are ema	verbal Result:	aid by the client for the ter completion of the applicable			7	(/	/	× >		hloric		LING						OICO.			
Kusii	+MMityoil	emailed. Please provide cinal advisors	□ Yes □ No				7		X	^ ×		BTEX										- - - - - 2	4
	TO TO	de Elliali audicess.	Add'l Phone #:									, , , , , , , , , , , , , , , , , , ,											ANAI YSIS REQUEST
S Corrected Temp. °C	ASCIVICES. COM Bacteria (only) Sample Condition Cool Intert Observed Temp. °C										-												IEST



December 13, 2022

DAN DUNKELBERG
TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS, NM 88241

RE: ANTELOPE RIDGE CDP

Enclosed are the results of analyses for samples received by the laboratory on 12/06/22 16:32.

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. 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



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

 Received:
 12/06/2022
 Sampling Date:
 12/06/2022

 Reported:
 12/13/2022
 Sampling Type:
 Soil

NONE

Fax To:

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

A .. . l. d D. .. MC

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-042-03.0-NA-P (H225728-01)

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	12/10/2022	ND	2.09	104	2.00	1.32	
Toluene*	<0.050	0.050	12/10/2022	ND	2.10	105	2.00	0.732	
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.11	106	2.00	0.255	
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.40	107	6.00	0.480	
Total BTEX	<0.300	0.300	12/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	% 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	112	16.0	12/09/2022	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	12/08/2022	ND	179	89.4	200	2.14	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	189	94.7	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					
Surrogate: 1-Chlorooctane	70.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	73.4	% 46.3-17	8						

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Celeg & Freene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

 Received:
 12/06/2022
 Sampling Date:
 12/06/2022

 Reported:
 12/13/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-043-03.0-NA-P (H225728-02)

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	12/10/2022	ND	2.09	104	2.00	1.32	
Toluene*	<0.050	0.050	12/10/2022	ND	2.10	105	2.00	0.732	
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.11	106	2.00	0.255	
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.40	107	6.00	0.480	
Total BTEX	<0.300	0.300	12/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 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	128	16.0	12/09/2022	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	12/08/2022	ND	179	89.4	200	2.14	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	189	94.7	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					
Surrogate: 1-Chlorooctane	67.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	72.5	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

 Received:
 12/06/2022
 Sampling Date:
 12/06/2022

 Reported:
 12/13/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-044-03.0-NA-P (H225728-03)

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	12/10/2022	ND	2.09	104	2.00	1.32	
Toluene*	<0.050	0.050	12/10/2022	ND	2.10	105	2.00	0.732	
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.11	106	2.00	0.255	
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.40	107	6.00	0.480	
Total BTEX	<0.300	0.300	12/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	12/09/2022	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	12/08/2022	ND	179	89.4	200	2.14	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	189	94.7	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					
Surrogate: 1-Chlorooctane	68.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	72.6	% 46.3-17	8						

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Celey D. Kreine



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

 Received:
 12/06/2022
 Sampling Date:
 12/06/2022

 Reported:
 12/13/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-045-03.0-NA-P (H225728-04)

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	12/10/2022	ND	2.09	104	2.00	1.32	
Toluene*	<0.050	0.050	12/10/2022	ND	2.10	105	2.00	0.732	
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.11	106	2.00	0.255	
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.40	107	6.00	0.480	
Total BTEX	<0.300	0.300	12/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	160	16.0	12/09/2022	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	12/08/2022	ND	179	89.4	200	2.14	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	189	94.7	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					
Surrogate: 1-Chlorooctane	63.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	67.9	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

 Received:
 12/06/2022
 Sampling Date:
 12/06/2022

 Reported:
 12/13/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CW-003-04.0-NA-P (H225728-05)

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	12/10/2022	ND	2.09	104	2.00	1.32	
Toluene*	<0.050	0.050	12/10/2022	ND	2.10	105	2.00	0.732	
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.11	106	2.00	0.255	
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.40	107	6.00	0.480	
Total BTEX	<0.300	0.300	12/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	208	16.0	12/09/2022	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	12/08/2022	ND	179	89.4	200	2.14	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	189	94.7	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					
Surrogate: 1-Chlorooctane	61.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	66.0	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

 Received:
 12/06/2022
 Sampling Date:
 12/06/2022

 Reported:
 12/13/2022
 Sampling Type:
 Soil

Fax To:

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

NONE

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: SP-008-02.0-V-P (H225728-06)

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	12/10/2022	ND	2.09	104	2.00	1.32	
Toluene*	<0.050	0.050	12/10/2022	ND	2.10	105	2.00	0.732	
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.11	106	2.00	0.255	
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.40	107	6.00	0.480	
Total BTEX	<0.300	0.300	12/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	12/09/2022	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	12/08/2022	ND	179	89.4	200	2.14	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	189	94.7	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					
Surrogate: 1-Chlorooctane	60.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	64.2	% 46.3-17	8						

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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

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Celey D. Keine

REMARKS: Turnaround Time: Standard Rush Thermometer ID #113 Standard X Bacteria (only) Sample Condition Cool Intact Cool Intact Observed Temp. °C No Corrected Temp. °C	` \	A Mes	Ye	Corrected Temp. °C		Sampler - UPS - Bus - Other:
Bacteria (only) Sample Co		/		3		
	CHECKED BY: Turnarou (Initials)		Sample Condition Cool Intact	Observed Temp. °C / 8,8		Delivered By: (Circle One)
SS:	2 ×			Time:		
	REMARKS		Received By:	Date: Rec		Relinquished By:
All Results are emailed. Please provide cimai acuress.	All Result	DUI BYG		17-6-LL	oduttalmo	Jodni
esult: Yes No Add'l Phone #:	/ Verbal Result:	>	Received By:	Date: Rec	affiliable or successors arising out of or related to the performance of services necessaries by: Date: Received By:	affiliates or successors aris
phication	Cardinal within 30 days after complets r loss of profits incurred by client, its s n any of the above stated reasons or or	in writing and received by iterruptions, loss of use, or it such claim is based upo	waived unless made i limitation, business in regardless of whethe	use whatsoever shall be deemed uental damages, including without	PLESER NOTE: Liability and utumages, variances sowny enveryments with be deemed waived unless made in witing and reached by Cardinal within 30 days after completion of the approximation property of the property of the cause whatsoever shall be deemed waived unless made in witing and reached by Cardinal within 30 days after completion of the approximation property of the property of the cause what are approximately of the cause which are approximately of the cause of profits incurred by client, the approximation profits are caused by cardinal standards and approximation of the caused upon any of the above as standards are caused upon any of the above as standard reasons or otherwise.	PLEASE NOTE: Liability an analyses. All claims includin service. In no event shall C
client for the	be limited to the amount paid by the d	ed in contract or tort, shall	arising whether base	nt's exclusive remedy for any claim		
		+			1	

,	72/0/2021		×	9	SP-008-02.0-V-P	(6
× ;	12/6/2022		×	С	CW-003-04.0-NA-P	S
×	72/02/0/21		×	C	CF-045-03.0-NA-P	C
×	12/0/2022	-		C 1	CF-044-03.0-NA-P	N
×	12/6/2022			_	CF-043-03.0-NA-P	ىر
×	12/6/2022			+	CF-042-03.0-NA-P	_
×	12/6/2022		V) (Campio	במט ו.ט.
Chloride TPH BTEX	DATE TIME	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	GROUNDWATER WASTEWATER SOIL OIL	G)RAB OR (C)OMP.	Sample I.D.	HAS 38
	SAMPLING	PRESERV.	MATRIX			FOR LAB USE ONLY
		Fax #:			XT	Sampler Name:
		Phone #:			Lea Co., NM	on:
	zip:	State:	services.com	dan@trinityoilfieldservices.com	ANTELOPE RIDGE CDP	ame:
	7in.	City:	(see below)	Project Owner: (st		Project #:
		Address.				Phone #:
	COLINIOI ANGINGI	Attn:	188247	State: NM Zip:	Hobbs	City: +
	Coppor Walker				8426 N Dal Paso	Address: 8
	Mewbourne Oil Co.	nv:			Dan Dunkelberg	Project Manager: [
	DILLIO	PO #:			Company Name: Trinity Oilfield Services	ompany Name: T
ANALYSIS REQUEST	DILL TO	-	10) 303-2410	(5/5) 393-2326 FAX (5/5) 353-247		
CHAIN-OF-COSTODI AND ANDEROIS INC.		40	bs, NM 8824	101 East Marland, Hobbs, NM 88240	CARDINAL 10	CAR



December 14, 2022

DAN DUNKELBERG
TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS, NM 88241

RE: ANTELOPE RIDGE CDP

Enclosed are the results of analyses for samples received by the laboratory on 12/08/22 11:42.

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



12/07/2022

Soil

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 12/08/2022 Sampling Date: Reported: 12/14/2022 Sampling Type:

Project Name: ANTELOPE RIDGE CDP Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

A ... - L ... - - - I D. .. MC

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-046-03.0-NA-P (H225778-01)

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	12/11/2022	ND	2.07	104	2.00	2.34	
Toluene*	<0.050	0.050	12/11/2022	ND	2.15	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	12/11/2022	ND	2.22	111	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/11/2022	ND	6.71	112	6.00	1.47	
Total BTEX	<0.300	0.300	12/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 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	160	16.0	12/09/2022	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	12/09/2022	ND	190	94.9	200	7.19	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	183	91.5	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	105 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104 9	% 46.3-17	8						

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Celeg & Freene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 12/08/2022 Sampling Date: 12/07/2022

Reported: 12/14/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-047-02.0-NA-P (H225778-02)

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	12/11/2022	ND	2.07	104	2.00	2.34	
Toluene*	<0.050	0.050	12/11/2022	ND	2.15	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	12/11/2022	ND	2.22	111	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/11/2022	ND	6.71	112	6.00	1.47	
Total BTEX	<0.300	0.300	12/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 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	432	16.0	12/09/2022	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	12/09/2022	ND	190	94.9	200	7.19	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	183	91.5	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	94.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.2	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 12/08/2022 Sampling Date: 12/07/2022

Reported: 12/14/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-048-02.0-NA-P (H225778-03)

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	12/11/2022	ND	2.07	104	2.00	2.34	
Toluene*	<0.050	0.050	12/11/2022	ND	2.15	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	12/11/2022	ND	2.22	111	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/11/2022	ND	6.71	112	6.00	1.47	
Total BTEX	<0.300	0.300	12/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 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	272	16.0	12/09/2022	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	12/09/2022	ND	190	94.9	200	7.19	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	183	91.5	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	87.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.6	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 12/08/2022 Sampling Date: 12/07/2022

Reported: 12/14/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-049-02.0-NA-P (H225778-04)

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	12/11/2022	ND	2.07	104	2.00	2.34	
Toluene*	<0.050	0.050	12/11/2022	ND	2.15	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	12/11/2022	ND	2.22	111	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/11/2022	ND	6.71	112	6.00	1.47	
Total BTEX	<0.300	0.300	12/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 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	12/09/2022	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	12/09/2022	ND	190	94.9	200	7.19	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	183	91.5	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	91.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.1	% 46.3-17	8						

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Celey D. Keine



12/07/2022

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 12/08/2022 Sampling Date:

Reported: 12/14/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-050-02.0-NA-P (H225778-05)

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	12/11/2022	ND	2.07	104	2.00	2.34	
Toluene*	<0.050	0.050	12/11/2022	ND	2.15	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	12/11/2022	ND	2.22	111	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/11/2022	ND	6.71	112	6.00	1.47	
Total BTEX	<0.300	0.300	12/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 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	144	16.0	12/09/2022	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	12/09/2022	ND	190	94.9	200	7.19	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	183	91.5	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	81.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.5	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 12/08/2022 Sampling Date: 12/07/2022

Reported: 12/14/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-051-02.0-NA-P (H225778-06)

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	12/11/2022	ND	2.07	104	2.00	2.34	
Toluene*	<0.050	0.050	12/11/2022	ND	2.15	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	12/11/2022	ND	2.22	111	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/11/2022	ND	6.71	112	6.00	1.47	
Total BTEX	<0.300	0.300	12/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 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	192	16.0	12/09/2022	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	12/08/2022	ND	181	90.6	200	24.0	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	159	79.5	200	26.4	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					
Surrogate: 1-Chlorooctane	88.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.7	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received: 12/08/2022 Sampling Date: 12/07/2022

Reported: 12/14/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: Cool & Intact Tamara Oldaker Project Number: NOT GIVEN Sample Received By:

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-052-02.0-NA-P (H225778-07)

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	12/11/2022	ND	2.07	104	2.00	2.34	
Toluene*	<0.050	0.050	12/11/2022	ND	2.15	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	12/11/2022	ND	2.22	111	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/11/2022	ND	6.71	112	6.00	1.47	
Total BTEX	<0.300	0.300	12/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 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	144	16.0	12/09/2022	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	12/08/2022	ND	181	90.6	200	24.0	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	159	79.5	200	26.4	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					
Surrogate: 1-Chlorooctane	99.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108 9	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 12/08/2022 Sampling Date: 12/07/2022

Reported: 12/14/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-053-03.0-NA-P (H225778-08)

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	12/11/2022	ND	2.07	104	2.00	2.34	
Toluene*	<0.050	0.050	12/11/2022	ND	2.15	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	12/11/2022	ND	2.22	111	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/11/2022	ND	6.71	112	6.00	1.47	
Total BTEX	<0.300	0.300	12/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 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	336	16.0	12/09/2022	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	12/09/2022	ND	181	90.6	200	24.0	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	159	79.5	200	26.4	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	95.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 12/08/2022 Sampling Date: 12/07/2022

Reported: 12/14/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-054-03.0-NA-P (H225778-09)

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	12/09/2022	ND	2.08	104	2.00	6.72	
Toluene*	<0.050	0.050	12/09/2022	ND	2.08	104	2.00	6.48	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.06	103	2.00	6.92	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.30	105	6.00	5.29	
Total BTEX	<0.300	0.300	12/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	432	16.0	12/09/2022	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	12/09/2022	ND	181	90.6	200	24.0	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	159	79.5	200	26.4	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	87.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.9	% 46.3-17	78						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 12/08/2022 Sampling Date: 12/07/2022

Reported: 12/14/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-055-03.0-NA-P (H225778-10)

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	12/09/2022	ND	2.08	104	2.00	6.72	
Toluene*	<0.050	0.050	12/09/2022	ND	2.08	104	2.00	6.48	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.06	103	2.00	6.92	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.30	105	6.00	5.29	
Total BTEX	<0.300	0.300	12/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	272	16.0	12/09/2022	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	12/09/2022	ND	181	90.6	200	24.0	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	159	79.5	200	26.4	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	82.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.2	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received: 12/08/2022 Sampling Date: 12/07/2022

Reported: 12/14/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NOT GIVEN

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-056-05.0-NA-P (H225778-11)

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	12/09/2022	ND	2.08	104	2.00	6.72	
Toluene*	<0.050	0.050	12/09/2022	ND	2.08	104	2.00	6.48	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.06	103	2.00	6.92	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.30	105	6.00	5.29	
Total BTEX	<0.300	0.300	12/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	400	16.0	12/09/2022	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	12/09/2022	ND	181	90.6	200	24.0	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	159	79.5	200	26.4	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	89.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.4	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 12/08/2022 Sampling Date: 12/07/2022

Reported: 12/14/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-057-08.0-NA-P (H225778-12)

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	12/09/2022	ND	2.08	104	2.00	6.72	
Toluene*	<0.050	0.050	12/09/2022	ND	2.08	104	2.00	6.48	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.06	103	2.00	6.92	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.30	105	6.00	5.29	
Total BTEX	<0.300	0.300	12/09/2022	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	624	16.0	12/09/2022	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	12/09/2022	ND	181	90.6	200	24.0	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	159	79.5	200	26.4	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	94.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received: 12/08/2022 Sampling Date: 12/07/2022

Reported: Sampling Type: Soil 12/14/2022

Project Name: ANTELOPE RIDGE CDP Sampling Condition: Cool & Intact Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-058-08.0-NA-P (H225778-13)

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	12/09/2022	ND	2.08	104	2.00	6.72	
Toluene*	<0.050	0.050	12/09/2022	ND	2.08	104	2.00	6.48	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.06	103	2.00	6.92	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.30	105	6.00	5.29	
Total BTEX	<0.300	0.300	12/09/2022	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	320	16.0	12/09/2022	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	12/09/2022	ND	181	90.6	200	24.0	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	159	79.5	200	26.4	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	92.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 12/08/2022 Sampling Date: 12/07/2022

Reported: 12/14/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-059-09.0-NA-P (H225778-14)

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	12/09/2022	ND	2.08	104	2.00	6.72	
Toluene*	<0.050	0.050	12/09/2022	ND	2.08	104	2.00	6.48	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.06	103	2.00	6.92	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.30	105	6.00	5.29	
Total BTEX	<0.300	0.300	12/09/2022	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	352	16.0	12/09/2022	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	12/09/2022	ND	181	90.6	200	24.0	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	159	79.5	200	26.4	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	81.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.4	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 12/08/2022 Sampling Date: 12/07/2022

Reported: 12/14/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CW-008-01.0-NA-P (H225778-15)

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	12/09/2022	ND	2.08	104	2.00	6.72	
Toluene*	<0.050	0.050	12/09/2022	ND	2.08	104	2.00	6.48	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.06	103	2.00	6.92	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.30	105	6.00	5.29	
Total BTEX	<0.300	0.300	12/09/2022	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	32.0	16.0	12/09/2022	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	12/09/2022	ND	181	90.6	200	24.0	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	159	79.5	200	26.4	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	98.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	78						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 12/08/2022 Sampling Date: 12/07/2022

Reported: 12/14/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CW-009-02.0-NA-P (H225778-16)

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	12/09/2022	ND	2.08	104	2.00	6.72	
Toluene*	<0.050	0.050	12/09/2022	ND	2.08	104	2.00	6.48	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.06	103	2.00	6.92	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.30	105	6.00	5.29	
Total BTEX	<0.300	0.300	12/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 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	128	16.0	12/09/2022	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	12/09/2022	ND	181	90.6	200	24.0	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	159	79.5	200	26.4	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	89.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.8	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 12/08/2022 Sampling Date: 12/07/2022

Reported: 12/14/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CW-010-02.0-NA-P (H225778-17)

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	12/09/2022	ND	2.08	104	2.00	6.72	
Toluene*	<0.050	0.050	12/09/2022	ND	2.08	104	2.00	6.48	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.06	103	2.00	6.92	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.30	105	6.00	5.29	
Total BTEX	<0.300	0.300	12/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	128	16.0	12/09/2022	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	12/09/2022	ND	181	90.6	200	24.0	
DRO >C10-C28*	<10.0	10.0	12/09/2022	ND	159	79.5	200	26.4	
EXT DRO >C28-C36	<10.0	10.0	12/09/2022	ND					
Surrogate: 1-Chlorooctane	104	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113 9	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Notes and Definitions

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

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

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene

Sampler - UPS - Bus - Other:	Delivered By: (Circle One)	`	Relinquished By:	M	Relinquisned by:	affiliates or successors and	service. In no event shall (PLEASE NOTE: Liability analyses. All claims includ	10	R	8	7	6	5,	-	N	2	_	Lab I.D.	H225718	CORTABLISE ONLY	Sampler Name:	Project Location: Lea Co., NM	Project Name:	Project #:	Phone #:	City:		Project Manager:	Company Name:	CAR
lus - Other:	cle One)		7.		\ \ \.	sing out of or related to the personner	service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss or use, or cess or provise services. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business or interruptions, loss or use, or cess or provise services.	PLEASE NOTE. Liability and Damages. Cardinal's liability and client's exclusive reinted no any summer of the company of the publicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within 30 days after completion of the applicable.	CF-055-03.0-NA-P	CF-054-03.0-NA-P	CF-053-03.0-NA-P	CF-052-02.0-NA-P	CF-051-02.0-NA-P	CF-050-02.0-NA-P			CF-047-02.0-NA-P	CF-046-03.0-NA-P	Sample I.D.			XT	Lea Co., NM	ANTELOPE RIDGE CDP			Hobbs	8426 N Dal Paso	Dan Dunkelberg	Trinity Oilfield Services	CARDINAL Laboratories
Corrected Temp. °C	Observed Temp. °C	Time:	Date:	2+ Gmi	12-8-6	Date:	sequental damages, including value of services hereunder by Ca	client's exclusive remedy for an ir cause whatsoever shall be de																dan@trinityoilf	Project Owner:	Fax#:	State: NM Z				101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
نگ	Sample Condition		Received By:		284	Received By:	quental damages, including without limitation, business interruptions, loas of use, or loads or juvines income y e of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	emed waived unless made in	C 1 X	C 1	C 1	C 1 ×	C 1 ×	C 1 ×	C 1 ×	C 1 ×	C 1 ×	C	# G W S O	S)RAB OR (C)OMP. CONTAINERS ROUNDWATER JASTEWATER OIL	MATRIX			dan@trinityoilfieldservices.com	(see below)		Zip: 88241				Hobbs, NM 8824 X (575) 393-2476
No				NATH BR		0	such daim is based upon an	writing and received by Car	ed in contract or tort, shall be limited to the amount paid by the client for the						-				A	LUDGE OTHER: CID/BASE: CE / COOL OTHER:	PRESERV.	Fax#:	Phone #:	State: Z	1	Address:		pany:	P.O. #:	0	
Соп				NO NO	All R	Verb	ny of the above stated reas	dinal within 30 days after o	imited to the amount paid t	22021121	22020121	12/7/2022	12/7/2022	12/7/2022	12/7/2022	12/7/2022	12/7/2022	22020171	+	DATE	SAMPLING			Zip:			Connor availed	Mewbourne Oil Co.		BILL 10	5
Correction Factor -0.6 °C	Thermometer ID #113			REMARKS:	esults are emails	Verbal Result:	ons or otherwise.	ompletion of the applica	by the client for the	× >	× >	× >	< >	< >	< ×	×	< >	× >	+	Chloride											
C	77 (4				d. Please provi	Yes		ole		× ;	× ;	× >	< >	< >	< >	× >	< >	× ;	×	ТРН											CHAIN-C
	Rush	Y			All Results are emailed. Please provide Email address:	No				×	×	×	× >	× >	< >	< >	< >	×	×	BTEX											N-OF-CUS
						Add'l Phone #:																									STODY AND ANAL
No No	Intact Yes Yes	Bacteria (only) Sample Condition																													EQUEST
Corrected Temp. °C	Observed Temp. °C	Condition)F-CUSTODY AND ANALYSIS REQUEST ANALYSIS REQUEST
6																															

Odifficial Co. C.		Delivered By: (Circle One)		Relinquished By:	Kil	Kelinquisned by:	affiliates or successors and	service. In no event shall C	PLEASE NOTE: Liability a				[7]	16	15	71	13	11		- CON	1225778	_	Sampler Name:	ž.	ame:	Project#:	Phone #:		- 1	Project Manager:	Company Name:	CAR Labo
Carrie		cle One)		n	\		* Sug out of or related to the personnence	service. In no event shall Cardinal be liable for incidental or consequental dismages, including without limitation, business interruptions, loss of use, or oss or pruns noware y service. In no event shall Cardinal be liable for incidental or consequental dismages, including without limitation, business interruptions, loss of use, or oss or pruns noware y services.	PLEASE NOTE: Liabelty and Carnages. Curcums serving with the completion of the approximation of the process of the completion of the approximation of the serving recipience and any other cursus whithboover shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the approximation of the serving recipience and a fairner in which the completion of the serving recipience and th		1	-	CW-010-02.0-NA-P	CW-009-02.0-NA-P	CW-008-01.0-NA-P	CF-059-09.0-NA-P	CF-058-08.0-NA-P	CF-057-08.0-NA-P	CF-056-05.0-NA-F		Sample I.D.		XT	Lea Co., NM	ANTELOPE RIDGE CDP			Hobbs	8426 N Dal Paso	Dan Dunkelberg	Trinity Oilfield Services	CARDINAL 10 Laboratories (5
1 100	Corrected Temp. °C	Observed Temp. °C	Time:	Date:	1142	12-8-22	Date:	quental damages, including w	ause whatsoever shall be de	ant's exclusive remedy for an															dan@trinityoilfi	Project Owner:	Fax#:	State: NM Z				101 East Marland, Hobbs, NM 8824 (575) 393-2326 FAX (575) 393-2476
S No	np. °C Cool Intact	S		Received By:	MILLE	1	Received By: /	quental damages, including without limitation, business interruptions, loss of use, or loss of process interruptions, loss of use, or loss of process interruptions, loss of use, or loss of process of whether such daim is based upon any of the above stated reasons or otherwise.	emed waived unless made in	y claim arising whether based			C 1	C 1	C 1	C 1	-	-	À -	1 ×	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	MATRIX			dan@trinityoilfieldservices.com	(see below)		Zip: 88241				101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
_	8 /				Mill Will			ruptions, loss of use, of los uch claim is based upon an	writing and received by Can	n contract or tort, shall be it											SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	PRESERV.	Fax#:	Phone #:	State: Zip:	1	Address:	_	Company: Me	P.O. #:		
Con	s	34.		2	HOM M	AIIA	Verb	y of the above stated reas	dinal within 30 days after o	mited to the amount paid	+	+	77071171	220201121	22020171	10770000	27/2022	12/7/2022	12/7/2022	12/7/2022	DATE TI	SAMPLING			p:			Connor Walker	Mewbourne Oil Co.		BILL IO	5
Correction Factor -0.6 °C	Thermometer ID #113	Turnaround Time:		NEMONAL.	IADKS:	All Results are emailed. Please provide Ema	Verbal Result:	sons or otherwise.	completion of the applicable and its subsidiaries.	by the client for the)	× >	× :	×	×	×	×	×	Chloride										+	
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100		t Obser	Racteria (only) Sample Condition								_									+				3								ALYSIS KE
	Corrected Temp. °C	Observed Temp. °C	5																1													- GOEST
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December 14, 2022

DAN DUNKELBERG
TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS, NM 88241

RE: ANTELOPE RIDGE CDP

Enclosed are the results of analyses for samples received by the laboratory on 12/09/22 16:03.

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:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

 Received:
 12/09/2022
 Sampling Date:
 12/09/2022

 Reported:
 12/14/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-060-08.0-NA-P (H225825-01)

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	12/12/2022	ND	2.19	110	2.00	11.2	
Toluene*	<0.050	0.050	12/12/2022	ND	2.23	111	2.00	9.68	
Ethylbenzene*	<0.050	0.050	12/12/2022	ND	2.26	113	2.00	9.09	
Total Xylenes*	<0.150	0.150	12/12/2022	ND	6.79	113	6.00	9.24	
Total BTEX	<0.300	0.300	12/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 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	528	16.0	12/12/2022	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	12/12/2022	ND	207	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/12/2022	ND	191	95.6	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	12/12/2022	ND					
Surrogate: 1-Chlorooctane	115 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received: 12/09/2022 Sampling Date: 12/09/2022 Reported: 12/14/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes) Tamara Oldaker Project Number: NOT GIVEN Sample Received By:

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-061-08.0-NA-P (H225825-02)

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	12/12/2022	ND	2.19	110	2.00	11.2	
Toluene*	<0.050	0.050	12/12/2022	ND	2.23	111	2.00	9.68	
Ethylbenzene*	<0.050	0.050	12/12/2022	ND	2.26	113	2.00	9.09	
Total Xylenes*	<0.150	0.150	12/12/2022	ND	6.79	113	6.00	9.24	
Total BTEX	<0.300	0.300	12/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 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	272	16.0	12/12/2022	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	12/12/2022	ND	207	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/12/2022	ND	191	95.6	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	12/12/2022	ND					
Surrogate: 1-Chlorooctane	108 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

 Received:
 12/09/2022
 Sampling Date:
 12/09/2022

 Reported:
 12/14/2022
 Sampling Type:
 Soil

Fax To:

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

NONE

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-062-04.0-NA-P (H225825-03)

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	12/12/2022	ND	2.19	110	2.00	11.2	
Toluene*	<0.050	0.050	12/12/2022	ND	2.23	111	2.00	9.68	
Ethylbenzene*	<0.050	0.050	12/12/2022	ND	2.26	113	2.00	9.09	
Total Xylenes*	<0.150	0.150	12/12/2022	ND	6.79	113	6.00	9.24	
Total BTEX	<0.300	0.300	12/12/2022	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	336	16.0	12/12/2022	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	12/12/2022	ND	207	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/12/2022	ND	191	95.6	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	12/12/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 9	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

 Received:
 12/09/2022
 Sampling Date:
 12/09/2022

 Reported:
 12/14/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CF-063-04.0-NA-P (H225825-04)

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	12/12/2022	ND	2.19	110	2.00	11.2	
Toluene*	<0.050	0.050	12/12/2022	ND	2.23	111	2.00	9.68	
Ethylbenzene*	<0.050	0.050	12/12/2022	ND	2.26	113	2.00	9.09	
Total Xylenes*	<0.150	0.150	12/12/2022	ND	6.79	113	6.00	9.24	
Total BTEX	<0.300	0.300	12/12/2022	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	400	16.0	12/12/2022	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	12/12/2022	ND	207	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/12/2022	ND	191	95.6	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	12/12/2022	ND					
Surrogate: 1-Chlorooctane	112	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	115	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

 Received:
 12/09/2022
 Sampling Date:
 12/09/2022

 Reported:
 12/14/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CW-011-02.0-NA-P (H225825-05)

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	12/12/2022	ND	2.19	110	2.00	11.2	
Toluene*	<0.050	0.050	12/12/2022	ND	2.23	111	2.00	9.68	
Ethylbenzene*	<0.050	0.050	12/12/2022	ND	2.26	113	2.00	9.09	
Total Xylenes*	<0.150	0.150	12/12/2022	ND	6.79	113	6.00	9.24	
Total BTEX	<0.300	0.300	12/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 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	12/12/2022	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	12/12/2022	ND	207	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/12/2022	ND	191	95.6	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	12/12/2022	ND					
Surrogate: 1-Chlorooctane	115	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 12/09/2022 Sampling Date: 12/09/2022 Reported: 12/14/2022 Sampling Type: Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CW-012-01.0-NA-P (H225825-06)

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	12/12/2022	ND	2.19	110	2.00	11.2	
Toluene*	<0.050	0.050	12/12/2022	ND	2.23	111	2.00	9.68	
Ethylbenzene*	<0.050	0.050	12/12/2022	ND	2.26	113	2.00	9.09	
Total Xylenes*	<0.150	0.150	12/12/2022	ND	6.79	113	6.00	9.24	
Total BTEX	<0.300	0.300	12/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 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	112	16.0	12/12/2022	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	12/12/2022	ND	207	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/12/2022	ND	191	95.6	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	12/12/2022	ND					
Surrogate: 1-Chlorooctane	111 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113	% 46.3-17	8						

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

 Received:
 12/09/2022
 Sampling Date:
 12/09/2022

 Reported:
 12/14/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CW-013-04.0-NA-P (H225825-07)

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	12/12/2022	ND	2.19	110	2.00	11.2	
Toluene*	<0.050	0.050	12/12/2022	ND	2.23	111	2.00	9.68	
Ethylbenzene*	<0.050	0.050	12/12/2022	ND	2.26	113	2.00	9.09	
Total Xylenes*	<0.150	0.150	12/12/2022	ND	6.79	113	6.00	9.24	
Total BTEX	<0.300	0.300	12/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 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	12/12/2022	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	12/12/2022	ND	207	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/12/2022	ND	191	95.6	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	12/12/2022	ND					
Surrogate: 1-Chlorooctane	98.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.3	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
DAN DUNKELBERG
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

 Received:
 12/09/2022
 Sampling Date:
 12/09/2022

 Reported:
 12/14/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP Sampling Condition: ** (See Notes)
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - LEA CO., NM

Sample ID: CW-014-05.0-NA-P (H225825-08)

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	12/12/2022	ND	2.19	110	2.00	11.2	
Toluene*	<0.050	0.050	12/12/2022	ND	2.23	111	2.00	9.68	
Ethylbenzene*	<0.050	0.050	12/12/2022	ND	2.26	113	2.00	9.09	
Total Xylenes*	<0.150	0.150	12/12/2022	ND	6.79	113	6.00	9.24	
Total BTEX	<0.300	0.300	12/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	112	16.0	12/12/2022	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	12/12/2022	ND	207	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	12/12/2022	ND	191	95.6	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	12/12/2022	ND					
Surrogate: 1-Chlorooctane	99.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.6	% 46.3-17	10						

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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

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Turnaround Time: Standard X Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Thermometer ID #113 Correction Factor -0.5 °C Orrected Temp. °C	No	- No			
Standard X Bacteria (only) Sample Co	Pres	Tes	Corrected lemp. C	us - Other:	Sampler - UPS - Bus - Other:
Standard X Bacteria (only) Sample Co	/	Cool Ir	, ,		
	£	Sample Condition	Observed Temp. °C	*	Delivered By: (Circle One)
			Time:		
REMARKS:	>	Received By:		77	Relinquished By:
All results are emailed, riease provide chian address.	The collaboration of	Sama	\	Hodinal Idland	Your
Verbal Result: Yes No Add Filores.	11/1	Received By:	Date: 977	11/1	inquished By
No.	Milaba or successors arising out of or related to the performance of services needlook by Julianus, regulatess of without your accordance of the performance of the p	dinat, regardiess of whether	ce of services nereunder by Car	ising out of or related to the performan	es or successors ari
ays after completion of the applicable ays after completion of the applicable the dispersion of characters.	PLEASE, NOTE: Liability and Durague, Customate studies excusions emerge or any custom among wateres recommended and received by Cardinal within 30 days after compision of the applicable analyses. All claims including those for registerior and other causes without absorver that libror deemed watered unseemed and received by Cardinal within 30 days after compision of the applicable analyses. All claims including those for registerior and other places are considered as a second consideration of the applicable analyses. All claims included the consideration of the applicable analyses of the consideration of the applicable analyses. All claims included the consideration of the applicable analyses of the consideration of the applicable analyses. All claims included the consideration of the applicable analyses of the consideration of the applicable analyses. All claims included the consideration of the applicable analyses of the consideration of the applicable analyses. All claims included the consideration of the applicable analyses of the consideration of the applicable analyses. All claims included the consideration of the applicable analyses of the consideration of the applicable analyses. All claims included analyses of the applicable analyses of the consideration of the applicable analyses of the applicable and the applicable analyses of the applicab	Claim arising wire use cook emed waived unless made ithout limitation, business ir	zients exclusive remedy for any r cause whatspever shall be dee equental damages, including w	and Damages. Cardinal's liability and o sing those for negligence and any other Cardinal be liable for incidental or cons	SE NOTE: Liability a ses. All claims include. In no event shall (
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TPI	OTH ACIE	# CC		Sample I.D.	Lab I.D.
	D/BASE: / COOL	DINTAINERS DUNDWATER STEWATER	3	7	4225813
SAMPLING	PRESERV.	MATRIX			OR LAB USE ONLY
	Fax #:			XT	Sampler Name:
	Phone #:			Project Location: Lea Co., NM	ect Location
	n State: Zip:	dan@trinityoilfieldservices.com	dan@trinityoil	ANTELOPE RIDGE CDP	Project Name:
	City:	(see below)	Project Owner:		Project #:
	Address:		Fax #:		Phone #:
ler -	Attn: Connor Walker	Zip: 88241	State: NM	Hobbs	City:
Dil Co.	Company: Mewbourne Oil Co			8426 N Dal Paso	Audress:
	P.O. #:			: Dan Dunkelberg	Project Manager:
ANALYSIS REQUEST	BILL TO		Š	Trinity Oilfield Services	Company Name:
	76	AX (575) 393-24	(575) 393-2326 FAX (575) 393-2476	מטטו מנטו ובא	Lau



December 21, 2022

DAN DUNKELBERG
TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS, NM 88241

RE: ANTELOPE RIDGE CDP BOOSTER

Enclosed are the results of analyses for samples received by the laboratory on 12/16/22 16:05.

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. 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



Tamara Oldaker

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241

Sample Received By:

Fax To: NONE

 Received:
 12/16/2022
 Sampling Date:
 12/16/2022

 Reported:
 12/21/2022
 Sampling Type:
 Soil

Project Name: ANTELOPE RIDGE CDP BOOSTER Sampling Condition: ** (See Notes)

Project Location: MEWBOURNE - LEA, NM

NOT GIVEN

Sample ID: CF-057-09.0 (H225981-01)

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	12/21/2022	ND	2.05	102	2.00	0.0851	
Toluene*	<0.050	0.050	12/21/2022	ND	2.24	112	2.00	0.0397	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	4.07	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.75	113	6.00	4.41	
Total BTEX	<0.300	0.300	12/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	12/21/2022	ND	384	96.0	400	11.8	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2022	ND	197	98.7	200	5.21	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	176	88.1	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					
Surrogate: 1-Chlorooctane	92.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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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

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Celey D. Keine

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



)cardinallabsnm.com	iges to celey.keene@c	Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	ot accept verbal cha	† Cardinal canno	FORM-000 K 3.3 07/10/22	
□ Nc □ No Corrected Temp. °C	Thermometer ID #113 Correction Factor -0.6°C	1	O Pyes Pyes	Corrected Temp. °C S	Sampler - UPS - Bus - Other:	Sampl
Standard Bacteria (only) Sample Condition Cool Intact Observed Temp. °C		CHECKED BY: (Initials)	Sample Condition Cool Intact	Observed Temp. °C S. 6	Delivered By: (Circle One)	Delive
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	REMARKS:	Remark	Received By:		1	Reling
All Results are elitalied. Frease province Linear and room	All Results are ellialled.		HALLINA	7,	Joseph Tallor	2
SS □ No Add'I Phone #:	Verbal Result: ☐ Yes	S pased about only of the speed source source so	Received By:	nance of services hereunder by Cardinal, regardless of whether such claims based upon any or are based by: Date: 77 Received by:	affiliates or successors arising out of or related to the performa Relinquished By;	affiliates or Reling
	ent, its subsidiaries, sons or otherwise.	loss of use, or loss of profits incurred by cli	limitation, business interruptions,	other cause whatsoever shall be deemed consequental damages, including without	analyses. All claims including those for negligence and any other cause whatsoever shall be determed universal index in mining and received or one of profits incurred by client, its subsidiaries, service. In no event shall Cardinal be liable for incidental or consequental damages, including whole the consequence of the consequence of profits incurred by client, its subsidiaries, service. In no event shall Cardinal be liable for incidental or consequental damages, including whole the consequence of the	analyses. A service. In
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いっぱい こうしん こうこうこう		Fax#:	1 1 2 2 3 3 4		Sampler Name:	ample
		Phone #:			Project Location: 129 NM	roject
		State: Zip:		dap Bouster	ame: PANHOLONE PH	roject
The second secon	-	City:		Project Owner:	ct#:	roject #:
		Address:			+	hone #:
		Attn: (OMMON Walley	zip: 88241	State: Zip:	HONA	ity:
	01-60	Company: Mewburne Oil		phso J	35: 8426 N. Dal	\ddress:
		P.O. #:		el ber a	roject Manager: DAN DUM	roject
ANALYSIS REQUEST		BILL TO		BOILMAS MAL	company Name: Trinity Oil	ompa
				FAX (575) 393-2476	(575) 393-2326	

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 183267

CONDITIONS

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	183267
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
jnobui	Closure Report Approved.	2/22/2023