

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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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.

State of New Mexico
Oil Conservation Division

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: Jocelyn Harimon Date: 02/06/2023

Incident ID	NAPP2219452897
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Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Connor Walker Title: Sr. Engineer
Signature:  Date: 02/06/2023
email: cwalker@mewbourne.com Telephone: 806-202-5281

OCD Only

Received by: Jocelyn Harimon Date: 02/06/2023

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

Closure Approved by: Jennifer Nobui Date: 02/22/2023
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 $\frac{1}{2}$ 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 Confirmation Samples – Floors and Walls	200 sqft.
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
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

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

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



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 circumstances, On-Site, & 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 Delineation												
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

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



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 circumstances, On-Site, & 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 Delineation												
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

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

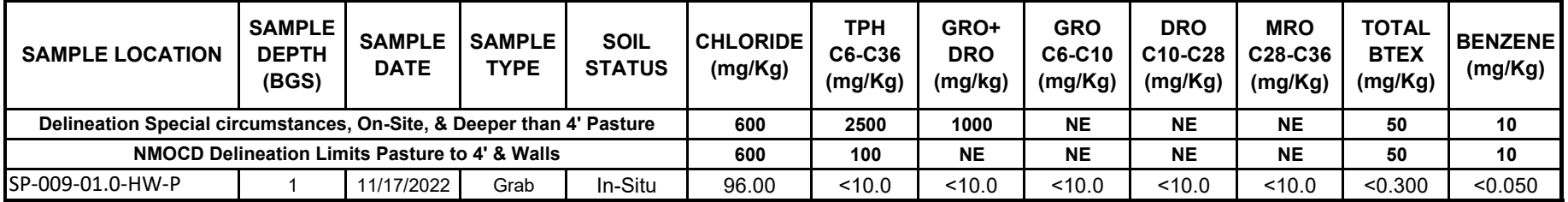


TABLE 2
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

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



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 Closure Limits Pad					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

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



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 Closure Limits Pad					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



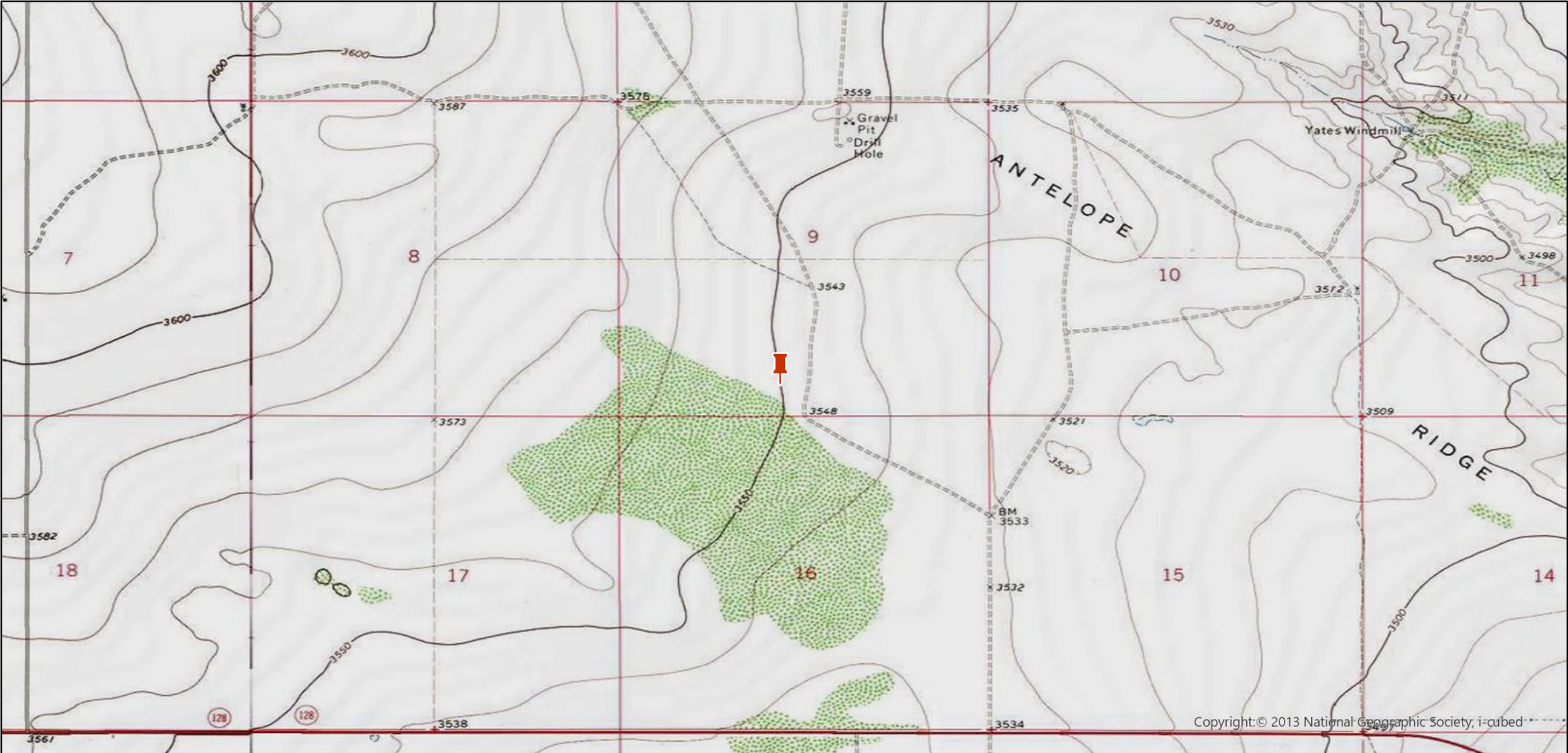
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad					600	100	NE	NE	NE	NE	50	10
NMOCD Closure Limits Pasture 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 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

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



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 Closure Limits Pad					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



Legend:

 Site Location

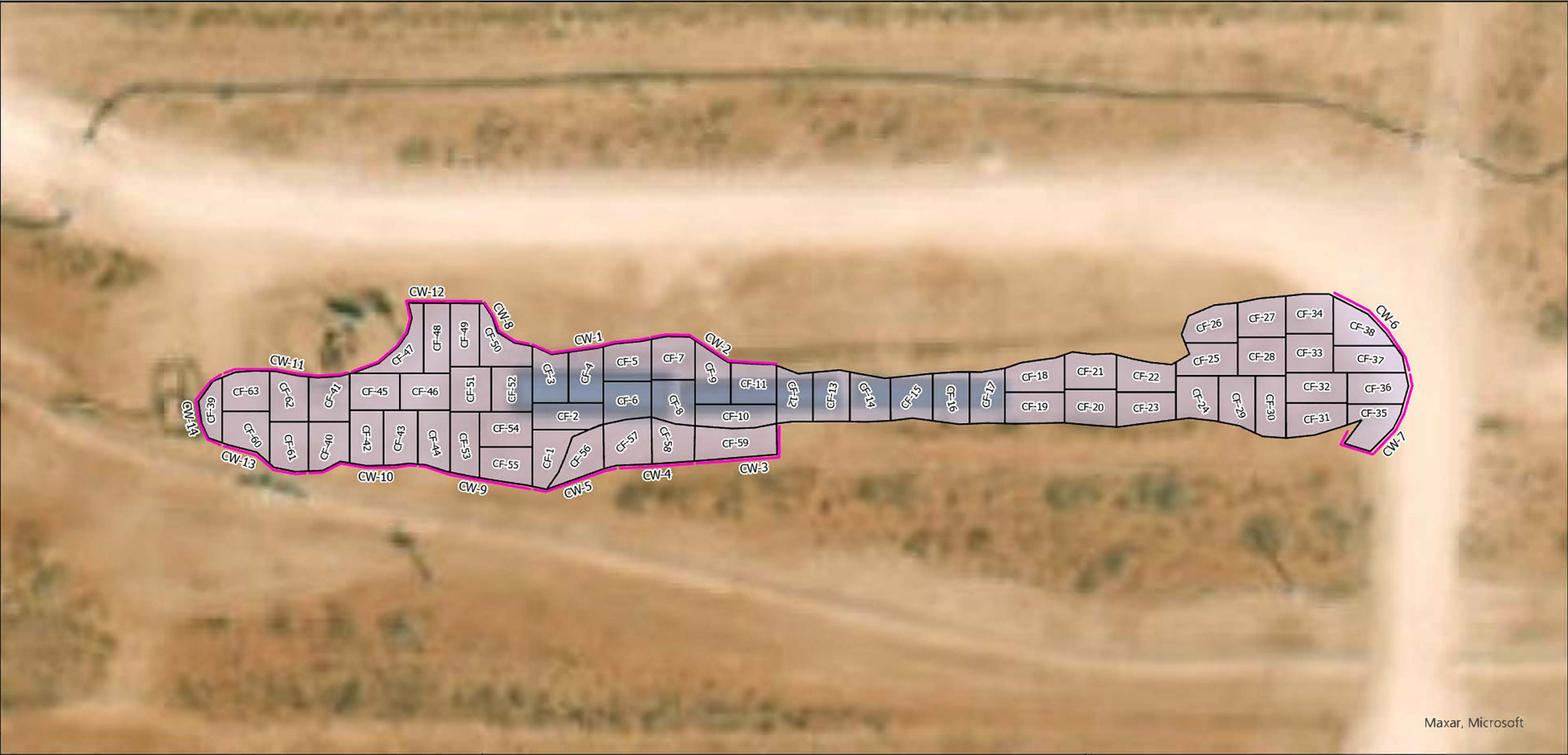
Site Location Map
Mewbourne Oil Co.
Antelope Ridge CDP Booster
Lea County, New Mexico
32.226206,-103.476077
NMOCD Reference # NAPP2219452897

0 0.3 0.6 1.2 Miles





<p>Legend:</p> <ul style="list-style-type: none">● Sample Point■ Affected Area	<p>Delineation Map Mewbourne Oil Co. Antelope Ridge CDP Booster Lea County, New Mexico 32.226206,-103.4 76077 NMOCD Reference # NAPP2219452897</p>	<p>0 35 70 140 Feet</p> <p>TRINITY OILFIELD SERVICES</p>
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Maxar, Microsoft

Legend:

- Remediation Walls
- Remediation Floors
- Excavation Area

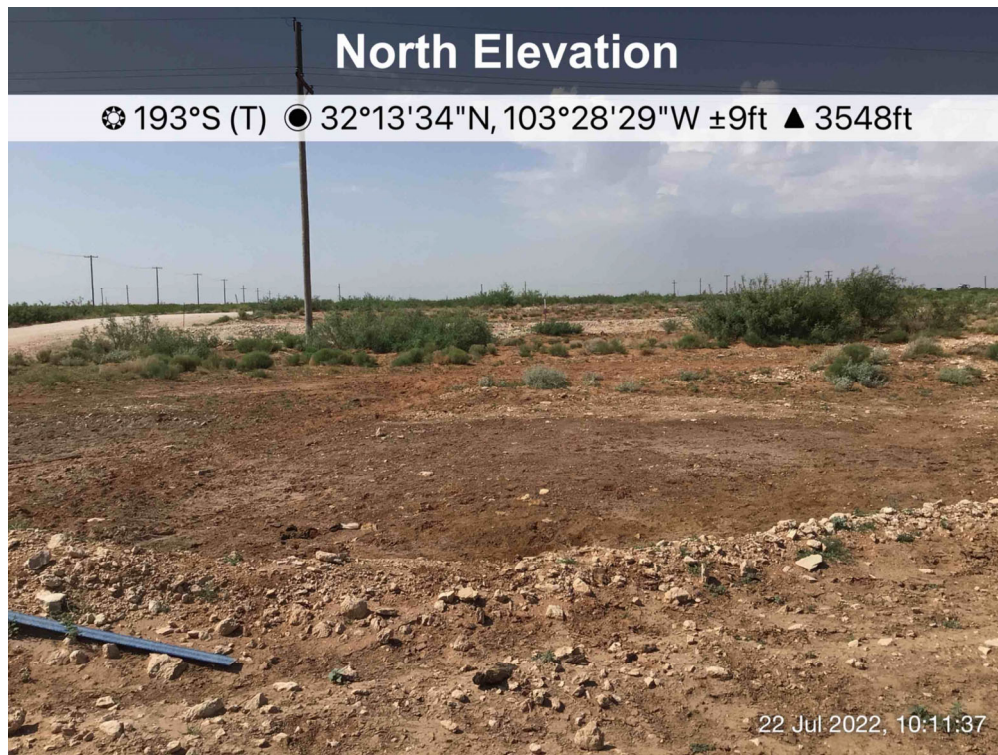
Remediation Map
Mewbourne Oil Co.
Antelope Ridge CDP Booster
Lea County, New Mexico
32.226206,-103.476077
NMOCD Reference # NAPP2219452897



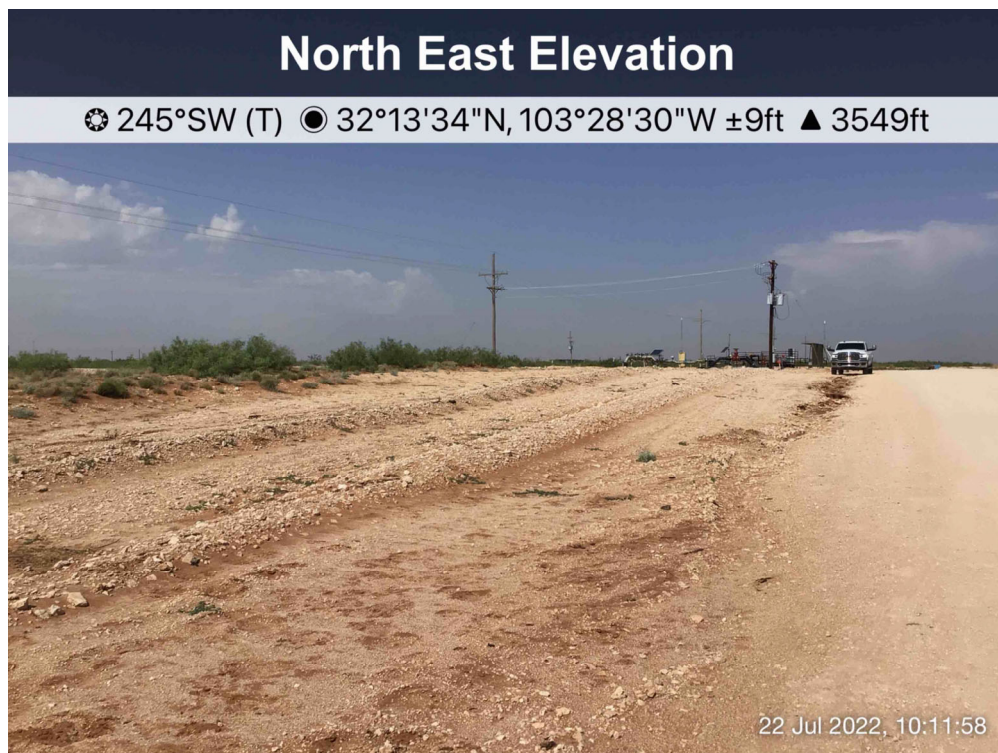


Initial

Pasture:



Pasture:





Initial

Pasture:

East Elevation

☼ 255°W (T) ● 32°13'34"N, 103°28'29"W ±13ft ▲ 3548ft



22 Jul 2022, 10:25:24

Pasture:

East Elevation

☼ 250°W (T) ● 32°13'34"N, 103°28'31"W ±9ft ▲ 3551ft

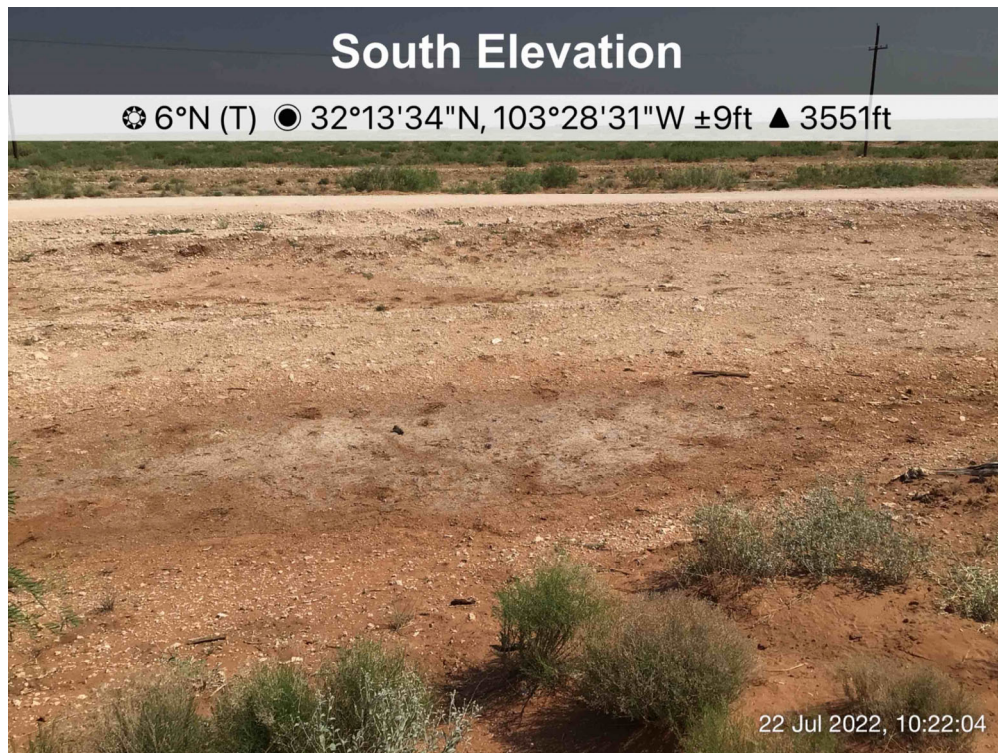


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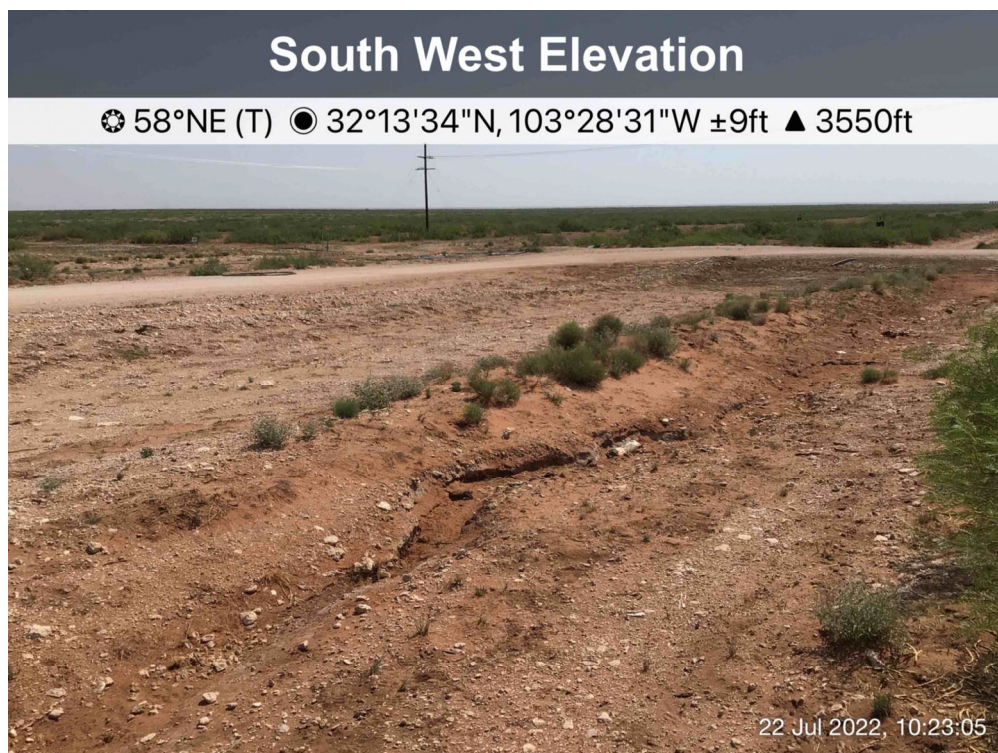


Initial

Pasture:



Pasture:





Initial

Pasture:

South West Elevation

☼ 45°NE (T) ● 32°13'34"N, 103°28'29"W ±9ft ▲ 3550ft



Pasture:

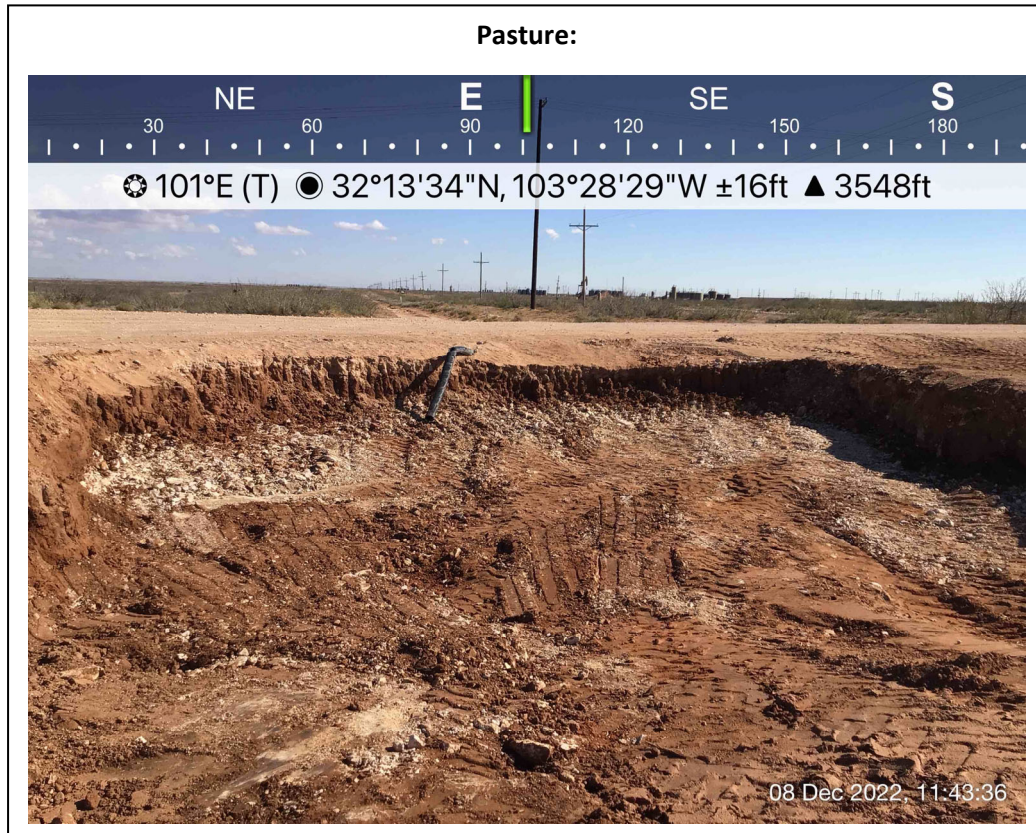
West Elevation

☼ 83°E (T) ● 32°13'34"N, 103°28'32"W ±9ft ▲ 3554ft





Excavation





Excavation



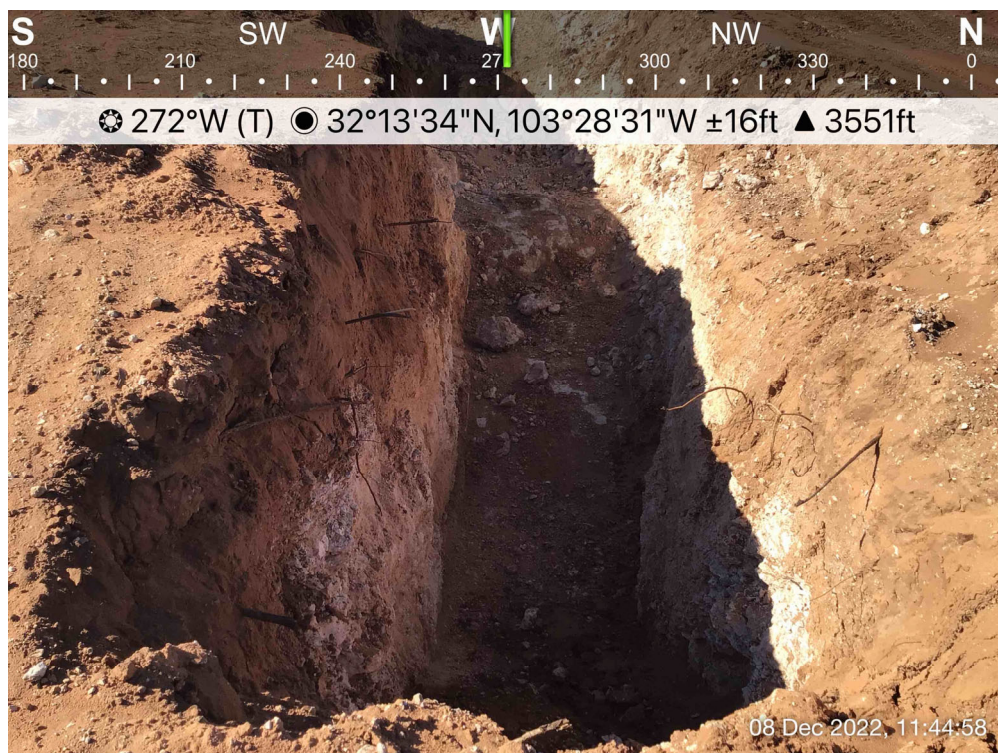


Excavation

Pasture:

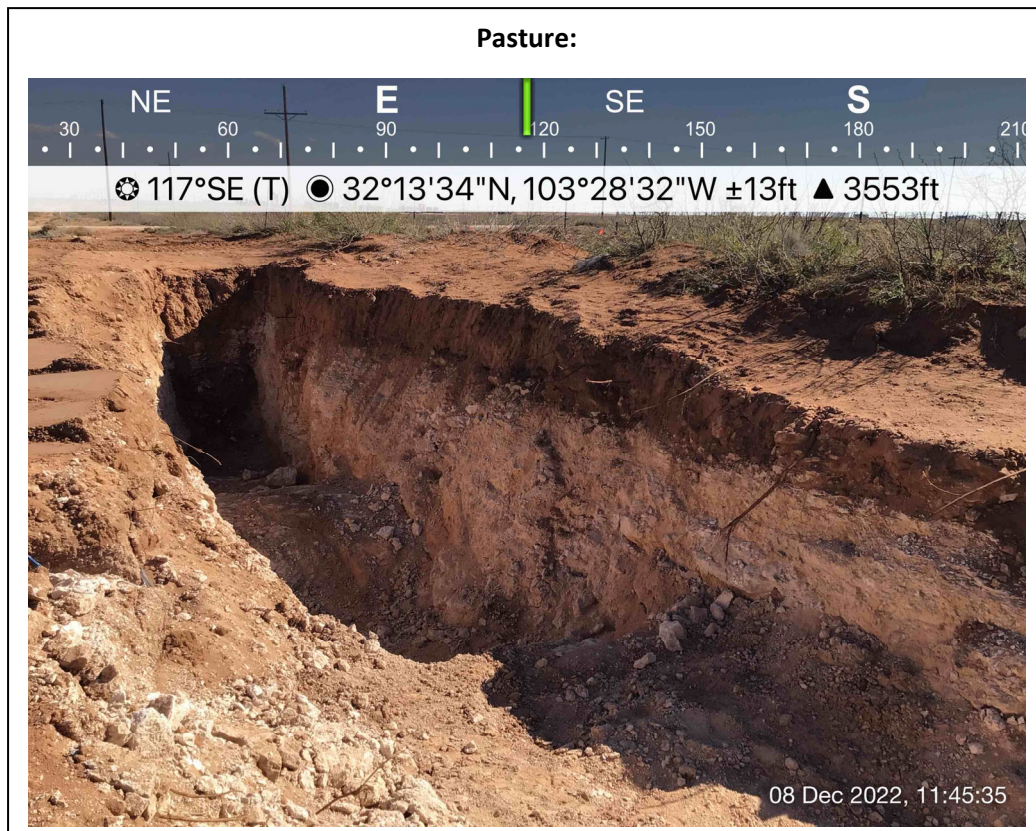


Pasture:





Excavation



File No.

C-3902-POD-1-4

NEW MEXICO OFFICE OF THE STATE ENGINEER

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

(check applicable box):

For fees, see State Engineer website: <http://www.ose.state.nm.us/>

2-3e196

Purpose:

☐ Pollution Control And / Or Recovery☐ Geo-Thermal☒ Exploratory☐ Construction Site De-Watering☐ Other (Describe):☐ Monitoring☐ Mineral De-Watering

A separate permit will be required to apply water to beneficial use.

☒ Temporary Request - Requested Start Date:

Requested End Date:

Plugging Plan of Operations Submitted? ☐ Yes ☒ No

1. APPLICANT(S)

Name: Mr. Bryce Karger	Name:
Contact or Agent: check here if Agent <input type="checkbox"/> Robert H. Holder	Contact or Agent: check here if Agent <input type="checkbox"/>
Mailing Address: 4222 85th St.	Mailing Address:
City: Lubbock	City:
State: TX Zip Code: 79423	State: Zip Code:
Phone: <input type="checkbox"/> Home <input type="checkbox"/> Cell Phone (Work): 806-473-3526	Phone: <input type="checkbox"/> Home <input type="checkbox"/> Cell Phone (Work):
E-mail (optional): hholder@team-psc.com	E-mail (optional):

FOR OSE INTERNAL USE

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

File Number: C-3902	Trn Number: 574028
Trans Description (optional):	
Sub-Basin: C	
PCW/LOG Due Date: 8/17/16	

Page 1 of 3

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

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).
District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

☐ NM State Plane (NAD83) (Feet)
 ☐ UTM (NAD83) (Meters)
 ☒ Lat/Long (WGS84) (to the nearest 1/10th of second)

☐ NM West Zone
 ☐ Zone 12N

☐ NM East Zone
 ☐ Zone 13N

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, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
S8-BH-03	W103° 29' 30.86"	N032 14' 09.18"	Sec. 8, T24, R34
S9-BH-03	W103° 28' 29.39"	N032 14' 09.06"	Sec. 9, T24, R34
S14-BH-03	W103° 26' 26.55"	N032 13' 16.53"	Sec. 14, T24, R34
S15-BH-03	W103° 27' 28.01"	N032 13' 16.68"	Sec. 15, T24, R34

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)
Additional well descriptions are attached: ☐ Yes ☐ No If yes, how many _____

Other description relating well to common landmarks, streets, or other:

Well is on land owned by: Mr. Bert Madera

Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. Attached? ☐ Yes ☒ No
If yes, how many _____

Approximate depth of well (feet): 170 feet	Outside diameter of well casing (inches): 6 - inch (not cased)
Driller Name: Kenny Cooper	Driller License Number: WD-1731

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

Holes will be drilled to verify presence of water.

STATE ENGINEER OFFICE
 ROSWELL, NEW MEXICO
 2015 AUG -7 AM 11:06

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: <input checked="" type="checkbox"/> Include a description of any proposed pump test, if applicable. See Attachment A	Pollution Control and/or Recovery: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for the pollution control or recovery operation. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The annual diversion amount. <input type="checkbox"/> The annual consumptive use amount. <input type="checkbox"/> The maximum amount of water to be diverted and injected for the duration of the operation. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> The method of measurement of water produced and discharged. <input type="checkbox"/> The source of water to be injected. <input type="checkbox"/> The method of measurement of water injected. <input type="checkbox"/> The characteristics of the aquifer. <input type="checkbox"/> The method of determining the resulting annual consumptive use of water and depletion from any related stream system. <input type="checkbox"/> Proof of any permit required from the New Mexico Environment Department. <input type="checkbox"/> An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	Construction De-Watering: <input type="checkbox"/> Include a description of the proposed dewatering operation, <input type="checkbox"/> The estimated duration of the operation, <input type="checkbox"/> The maximum amount of water to be diverted, <input type="checkbox"/> A description of the need for the dewatering operation, and, <input type="checkbox"/> A description of how the diverted water will be disposed of.	Mine De-Watering: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for mine dewatering. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The source(s) of the water to be diverted. <input type="checkbox"/> The geohydrologic characteristics of the aquifer(s). <input type="checkbox"/> The maximum amount of water to be diverted per annum. <input type="checkbox"/> The maximum amount of water to be diverted for the duration of the operation. <input type="checkbox"/> The quality of the water. <input type="checkbox"/> The method of measurement of water diverted. <input type="checkbox"/> The recharge of water to the aquifer. <input type="checkbox"/> Description of the estimated area of hydrologic effect of the project. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. <input type="checkbox"/> A description of the methods employed to estimate effects on surface water rights and underground water rights. <input type="checkbox"/> Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.
Monitoring: <input type="checkbox"/> Include the reason for the monitoring well, and, <input type="checkbox"/> The duration of the planned monitoring.		Geo-Thermal: <input type="checkbox"/> Include a description of the geothermal heat exchange project, <input type="checkbox"/> The amount of water to be diverted and re-injected for the project, <input type="checkbox"/> The time frame for constructing the geothermal heat exchange project, and, <input type="checkbox"/> The duration of the project. <input type="checkbox"/> Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	

ACKNOWLEDGEMENT

I, We (name of applicant(s)),

Robert Holly Holder, P.E. (Agent)

Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.



Applicant Signature

Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

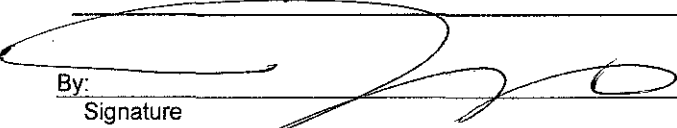
☒ approved☐ partially approved☐ denied

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 and further subject to the attached conditions of approval.

Witness my hand and seal this 17th day of August 20 15, for the State Engineer.

Tom Blaine, P.E.

State Engineer

 By: 
 Signature

Print

Title: Juan Hernandez, Engineering Specialist Supervisor

Print



FOR OSE INTERNAL USE

Application for Permit, Form wr-07

File Number: C-3902

Trn Number: 574028

Page 3 of 3

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL

- 1A Depth of the well shall not exceed the thickness of the valley fill.
- 4 No water shall be appropriated and beneficially used under this permit.
- 6 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.
- 7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
- B 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.
- C Driller's well record must be filed with the State Engineer within 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.
- G 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

**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 HERNANDEZ



Trn Desc: C 03902

File Number: C 03902

Trn Number: 574028

page: 2

Tom Blaine, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**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,

A handwritten signature in black ink, appearing to read "Andrew Dennis".

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 DIVERSIONApplicant First Name: KARGER
Applicant Last Name: BRYCEGW Basin: CARLSBAD
County: LEACritical Management Area Name(s): NONE
Special Condition Area Name(s): NONE
Land Grant Name: NON GRANT**PLSS Description (New Mexico Principal Meridian):**

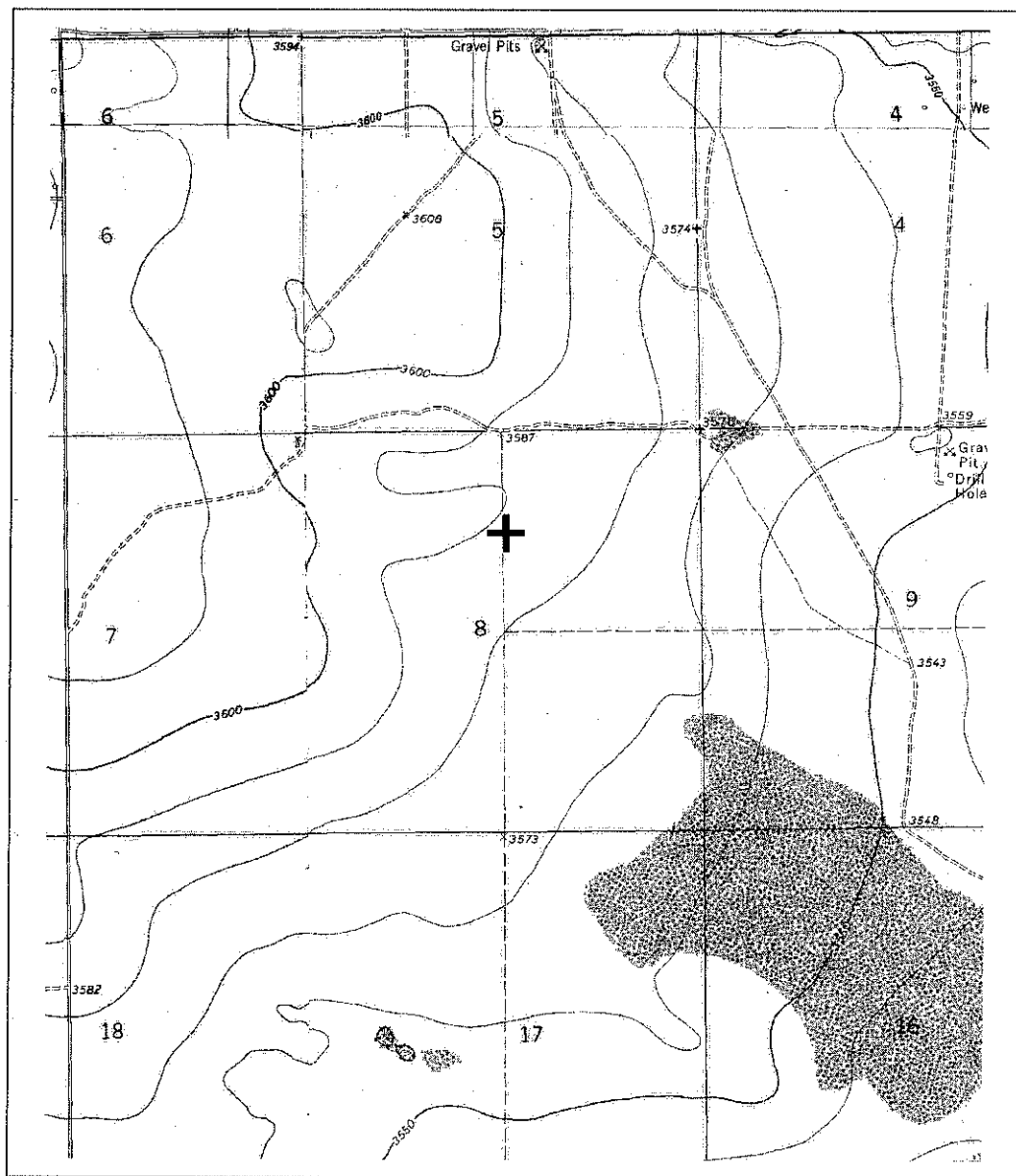
SW 1/4 of SW 1/4 of NW 1/4 of NE 1/4 of Section 08, Township 24S, Range 34E.

Coordinate System Details:**Geographic Coordinates:**Latitude: 32 Degrees 14 Minutes 9.2 Seconds N
Longitude: 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

Northing/Easting: UTM83(92) (Meter): N: 3,567,580 E: 642,089

Northing/Easting: SPCS83(92) (Feet): N: 450,567 E: 801,504

GW Basin: Carlsbad

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 DIVERSIONApplicant First Name: KARGER
Applicant Last Name: BRYCEGW Basin: CARLSBAD
County: LEACritical Management Area Name(s): NONE
Special Condition Area Name(s): NONE
Land Grant Name: NON GRANT**PLSS Description (New Mexico Principal Meridian):**

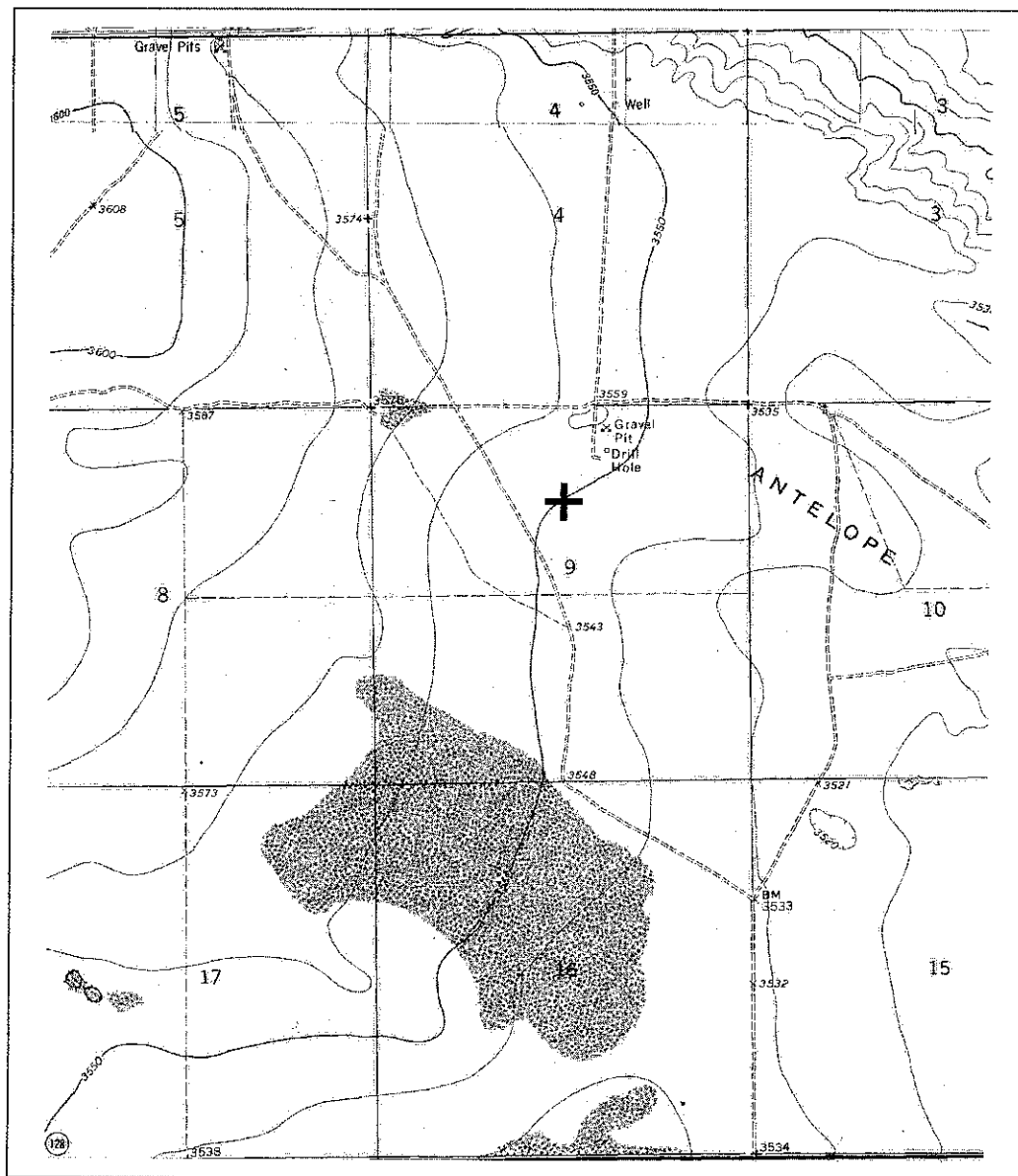
SW 1/4 of SW 1/4 of NW 1/4 of NE 1/4 of Section 09, Township 24S, Range 34E.

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)	N: 3,567,599	E: 643,698
NAD 1983(92) (Survey Feet)	N: 11,704,697	E: 2,111,865
NAD 1927 (Meters)	N: 3,567,397	E: 643,746
NAD 1927 (Survey Feet)	N: 11,704,035	E: 2,112,023

State Plane Coordinate System Zone: New Mexico East

NAD 1983(92) (Meters)	N: 137,342	E: 245,908
NAD 1983(92) (Survey Feet)	N: 450,597	E: 806,784
NAD 1927 (Meters)	N: 137,324	E: 233,355
NAD 1927 (Survey Feet)	N: 450,538	E: 765,600

NEW MEXICO OFFICE OF STATE ENGINEER**Locator Tool Report**

WR File Number: C-03902-POD2 Scale: 1:31,818

Northing/Easting: UTM83(92) (Meter): N: 3,567,599 E: 643,698

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

GW Basin: Carlsbad

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:**

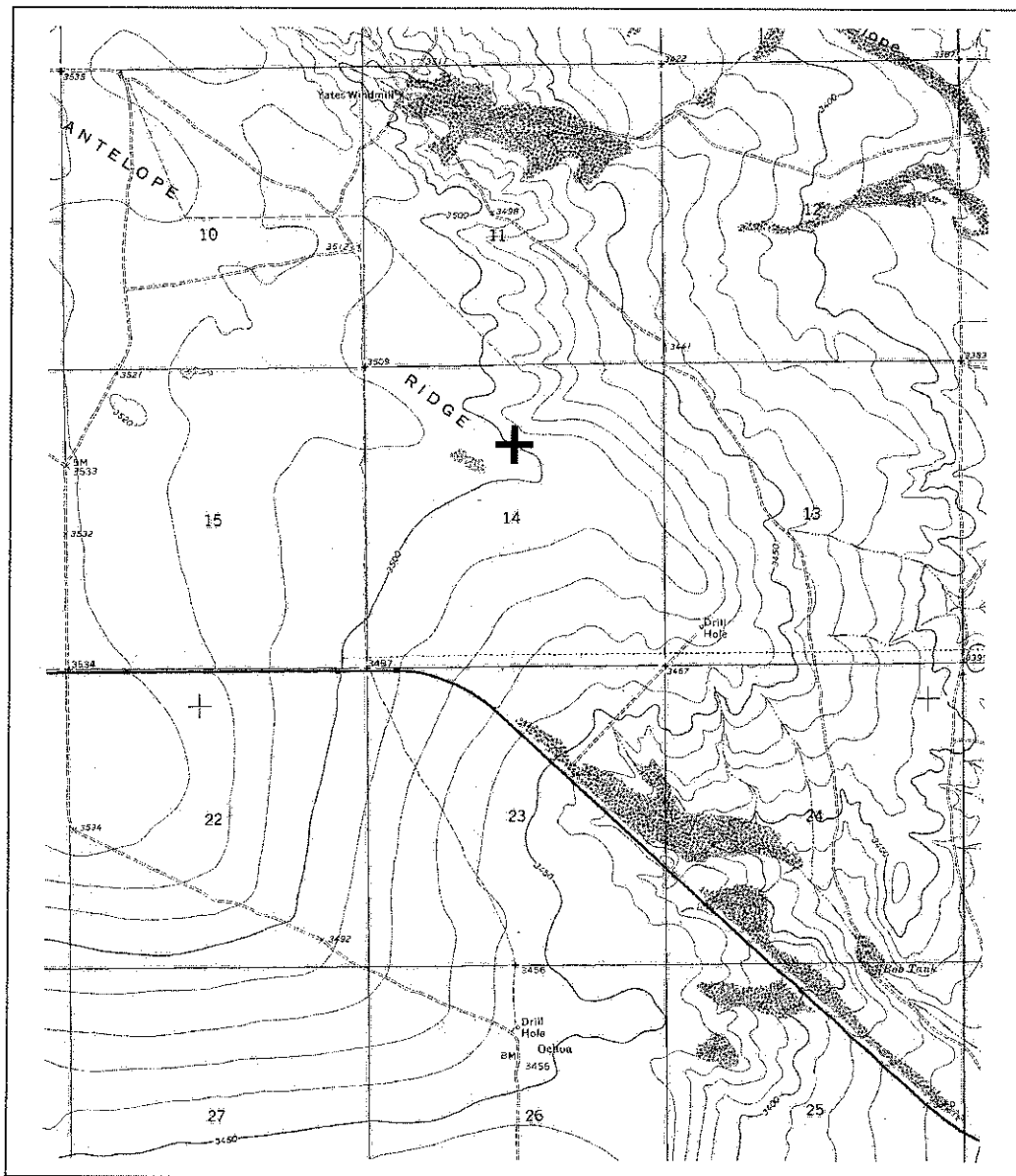
Latitude: 32 Degrees 13 Minutes 16.5 Seconds N
Longitude: 103 Degrees 26 Minutes 26.6 Seconds W

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

Northing/Easting: UTM83(92) (Meter): N: 3,566,027 E: 646,937

Northing/Easting: SPCS83(92) (Feet): N: 445,374 E: 817,379

GW Basin: Carlsbad

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:**

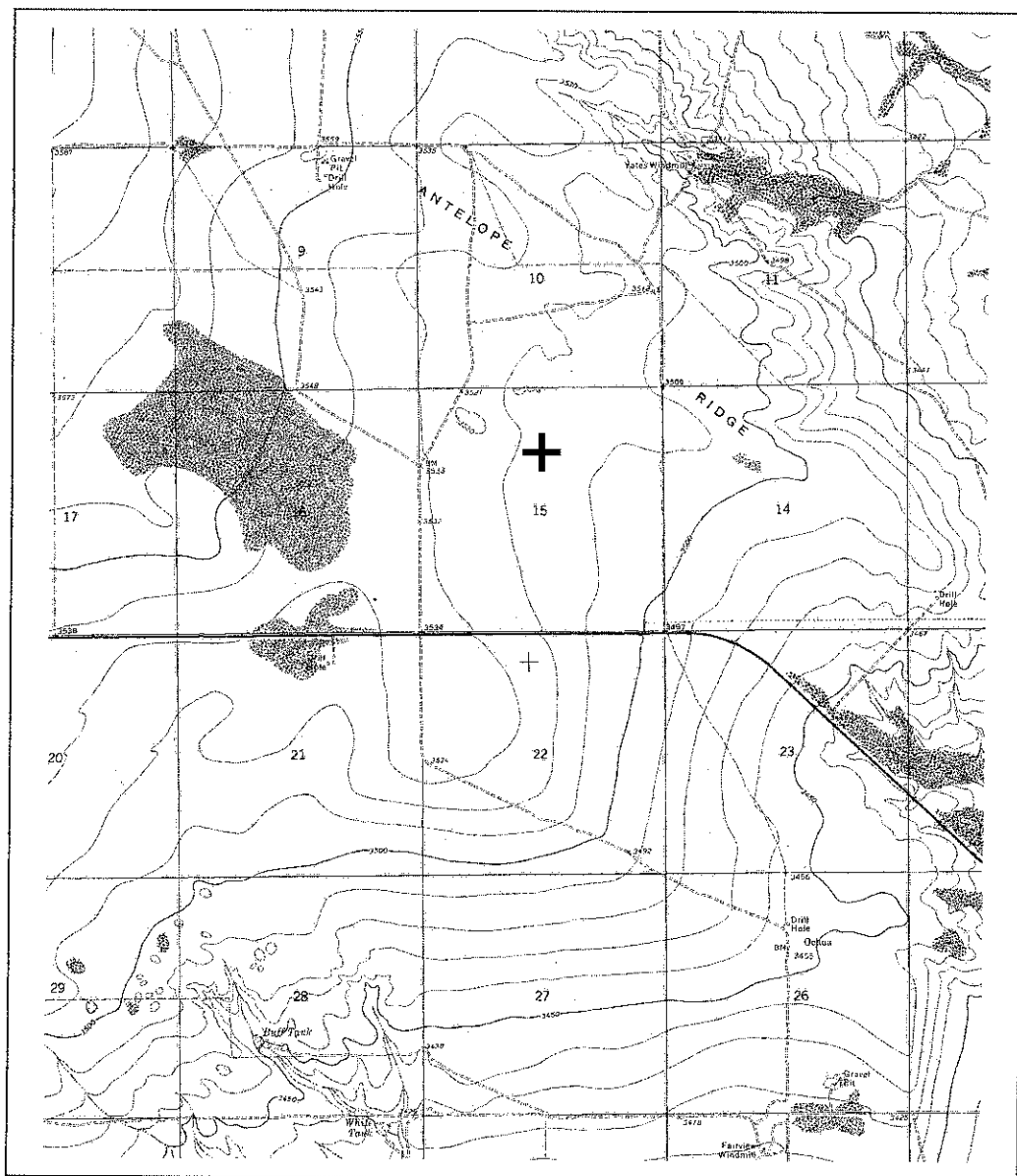
Latitude: 32 Degrees 13 Minutes 16.7 Seconds N
Longitude: 103 Degrees 27 Minutes 28.0 Seconds W

Universal Transverse Mercator Zone: 13N

NAD 1983(92) (Meters)	N: 3,566,009	E: 645,328
NAD 1983(92) (Survey Feet)	N: 11,699,481	E: 2,117,214
NAD 1927 (Meters)	N: 3,565,807	E: 645,376
NAD 1927 (Survey Feet)	N: 11,698,820	E: 2,117,371

State Plane Coordinate System Zone: New Mexico East

NAD 1983(92) (Meters)	N: 135,742	E: 247,529
NAD 1983(92) (Survey Feet)	N: 445,347	E: 812,101
NAD 1927 (Meters)	N: 135,724	E: 234,976
NAD 1927 (Survey Feet)	N: 445,288	E: 770,916

NEW MEXICO OFFICE OF STATE ENGINEER**Locator Tool Report**

WR File Number: C-03902-POD4 Scale: 1:49,145

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



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.

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO
2015 AUG -7 10:11:06

NAPP2219452897 | ANTELOPE RIDGE CDP BOOSTER

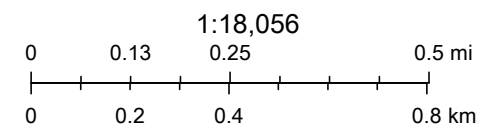


8/26/2022, 4:03:35 PM

GIS WATERS PODs

 Pending OSE District Boundary

Water Right Regulations New Mexico State Trust Lands

 Closure Area Both Estates SiteBoundaries

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

Web Generated Map
Map is generated by web users.



NAPP2219452897 | ANTELOPE RIDGE CDP BOOSTER



August 18, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

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 FIRMMette



103°28'53"W 32°13'49"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		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
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



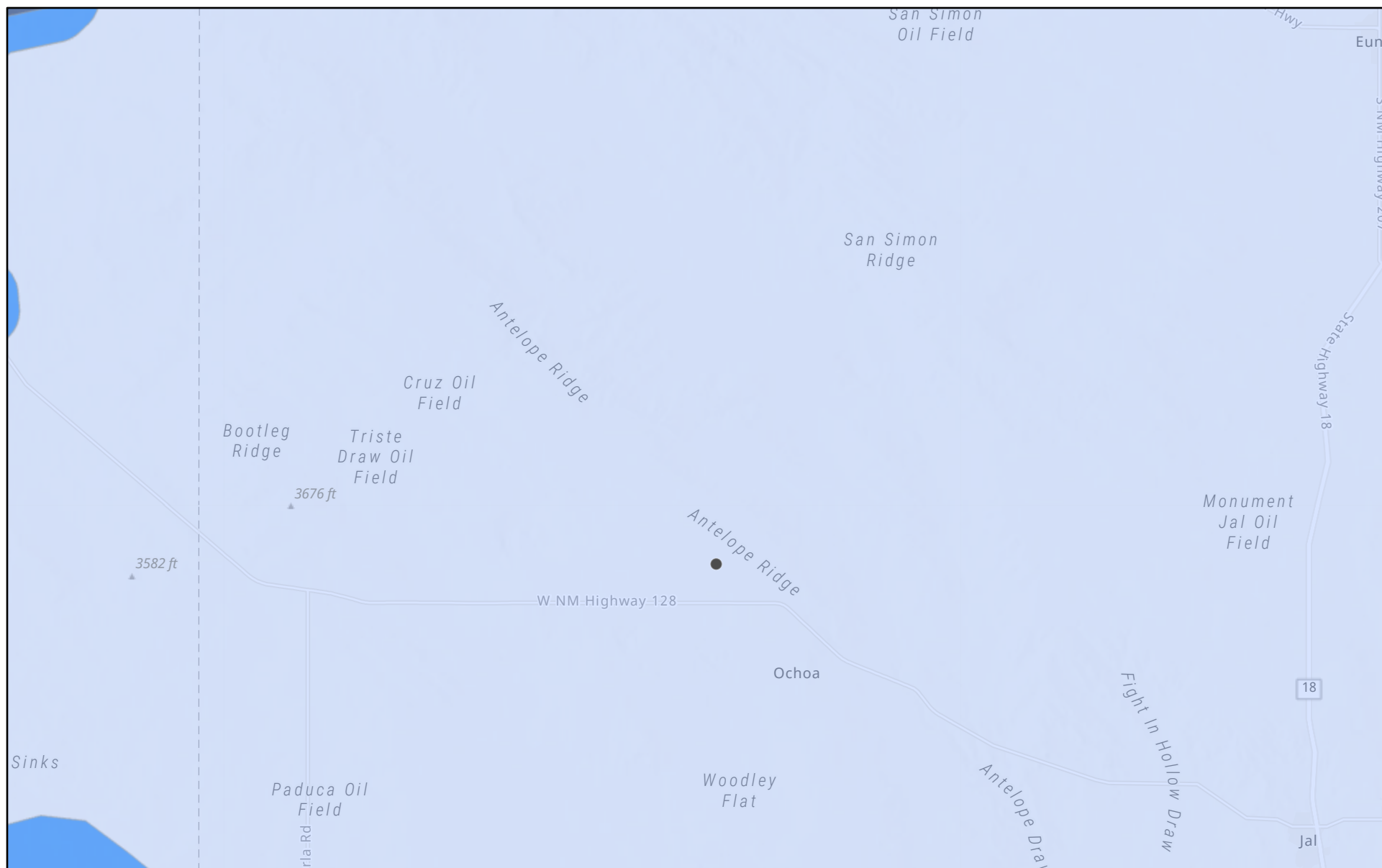
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

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

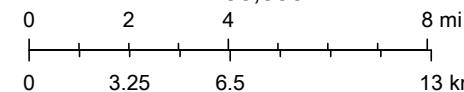


8/18/2022, 1:07:39 PM

Karst Occurrence Potential

	High		Medium
	Low		Low

1:288,895



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

New Mexico Oil Conservation Division

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



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

8/19/2022
Page 1 of 3

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

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 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



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

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%
BH	Berino-Cacique association, hummocky	15.7	42.5%
Totals for Area of Interest		36.8	100.0%



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

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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

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-008-01.0-HN-P (H225138-01)

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	11/06/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/02/2022	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	11/03/2022	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

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		Analyzed 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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	11/02/2022	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	11/03/2022	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/01/2022
 Reported: 11/07/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/01/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

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

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/06/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2022	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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-003-01.0-NA-P (H225138-04)

BTX 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	11/06/2022	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 BTX	<0.300	0.300	11/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 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	224	16.0	11/02/2022	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	11/03/2022	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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-004-01.0-NA-P (H225138-05)

BTX 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	11/06/2022	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 BTX	<0.300	0.300	11/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	384	16.0	11/02/2022	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	11/03/2022	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager

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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Page 8 of 8



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

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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Snyder", written in a cursive style.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

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-001-00.0-V-P (H225082-01)

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	11/03/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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



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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
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

BTX 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	11/03/2022	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 BTX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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



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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
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/03/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.3 % 46.3-178

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



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

Analytical Results For:

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

Received: 10/27/2022
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/03/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.6 % 46.3-178

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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
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/03/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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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
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

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		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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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



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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
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

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	11/03/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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



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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
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

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	11/03/2022	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 % 69.9-140

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	11/01/2022	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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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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
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

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	11/03/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 46.3-178

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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
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/03/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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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
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 131 % 46.3-178

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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
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 132 % 46.3-178

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



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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
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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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
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

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	11/03/2022	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 % 69.9-140

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	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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 46.3-178

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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
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/03/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	11/01/2022	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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 46.3-178

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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
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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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
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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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
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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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
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

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	11/03/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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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
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

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	11/03/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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



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

Analytical Results For:

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

Received: 10/27/2022
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.0 % 46.3-178

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



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

Analytical Results For:

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

Received: 10/27/2022
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

BTX 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	11/03/2022	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 BTX	<0.300	0.300	11/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	1920	16.0	11/01/2022	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	11/01/2022	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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



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

Analytical Results For:

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

Received: 10/27/2022
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

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	11/03/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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



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

Analytical Results For:

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

Received: 10/27/2022
 Reported: 11/03/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: LEA CO., NM
 Project Location: LEA CO., NM

Sampling Date: 10/27/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

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

BTX 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	11/03/2022	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 BTX	<0.300	0.300	11/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	11/01/2022	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	11/01/2022	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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



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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

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services Project Manager: Dan Dunkelberg Address: 8426 N Dal Paso City: Hobbs State: NM Zip: 88241 Phone #: Fax #: Project #: Project Name: ANTELOPE RIDGE CDP Project Location: Lea Co., NM Sample Name: XT				BILL TO P.O. #: Company: Mewbourne C/L Co. Attn: Connor Walker Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST			
FOR LAB USE ONLY				MATRIX (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :				PRESERV. SAMPLING			
Lab I.D. H2C5082				Sample I.D.				DATE			
1 SP-001-00.0-V-P 2 SP-001-01.0-V-P 3 SP-002-00.0-V-P 4 SP-002-01.0-V-P 5 SP-003-00.0-V-P 6 SP-003-01.0-V-P 7 SP-004-00.0-V-P 8 SP-004-01.0-V-P 9 SP-005-00.0-V-P 10 SP-005-01.0-V-P				G 1 G 1 G 1 G 1 G 1 G 1 G 1 G 1 G 1 G 1				X X X X X X X X X X			
10/27/2022 10/27/2022 10/27/2022 10/27/2022 10/27/2022 10/27/2022 10/27/2022 10/27/2022 10/27/2022 10/27/2022				X X X X X X X X X X				Chloride TPH BTEX			
Relinquished By: [Signature] Date: 10-27-22 Time: 1342				Received By: [Signature] Date: Time:				Verbal Result: Yes No Add'l Phone #:			
Relinquished By: [Signature] Date: Time:				Received By: [Signature] Date: Time:				REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Other:				Observed Temp. °C: 98.8 Corrected Temp. °C: 98.2 Sample Condition: Cool Intact Yes No Checked By: [Signature] Turnaround Time: Thermometer ID #113 Correction Factor -0.5 °C				Standard X Bacteria (only) Sample Condition Cool Intact Yes No Observed Temp. °C Corrected Temp. °C			

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

CARDINAL Laboratories										101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST							
Company Name: Trinity Oilfield Services										P.O. #:		BILL TO							
Project Manager: Dan Dunkelberg										Company:		Mewbourne Oil Co.							
Address: 8426 N Del Paso										Attn:		Connor Walker							
City: Hobbs										State: NM Zip: 88241									
Phone #:										Fax #:									
Project #:										Project Owner: (see below)		City:							
Project Name: ANTELOPE RIDGE CDP										dan@trinityoilfieldservices.com		State:							
Project Location: Lea Co., NM										Phone #:		Zip:							
Sample Name: XT										Fax #:									
FOR LAB USE ONLY										MATRIX		PRESERV.							
										GROUNDWATER		WASTEWATER							
										SOIL		SLUDGE							
										OTHER:		ACID/BASE:							
										ICE / COOL		OTHER:							
										DATE		TIME							
Lab I.D. 4725862										(G)RAB OR (C)OMP.		# CONTAINERS							
Sample I.D.																			
11 SP-005-02.0-V-P										G 1		10/27/2022							
12 SP-006-00.0-V-P										G 1		10/27/2022							
13 SP-006-01.0-V-P										G 1		10/27/2022							
14 SP-006-02.0-V-P										G 1		10/27/2022							
15 SP-006-03.0-V-P										G 1		10/27/2022							
16 SP-006-04.0-V-P										G 1		10/27/2022							
17 SP-007-00.0-V-P										G 1		10/27/2022							
18 SP-007-01.0-V-P										G 1		10/27/2022							
19 SP-007-02.0-V-P										G 1		10/27/2022							
20 SP-007-03.0-V-P										G 1		10/27/2022							
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Relinquished By: <i>[Signature]</i>										Date: 10/27/22		Time: 1542		Received By: <i>[Signature]</i>		REMARKS:			
Relinquished By: <i>[Signature]</i>										Date:		Time:							
Delivered By: (Circle One)										Observed Temp. °C: 28.8		Sample Condition: Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) Y.E.		Turnaround Time: Standard <input checked="" type="checkbox"/> X <input type="checkbox"/> Rush		Bacteria (only) Sample Condition: Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	
Sampler - UPS - Bus - Other:										Corrected Temp. °C: 28.2		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Thermometer ID #113		Corrected Temp. °C:	

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

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



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

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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

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-HS-P (H225102-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/04/2022	ND	1.90	94.9	2.00	3.01		
Toluene*	<0.050	0.050	11/04/2022	ND	2.16	108	2.00	1.14		
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.02	101	2.00	1.28		
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.09	101	6.00	2.33		
Total BTX	<0.300	0.300	11/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/28/2022
 Reported: 11/07/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 10/28/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

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

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/04/2022	ND	1.90	94.9	2.00	3.01		
Toluene*	<0.050	0.050	11/04/2022	ND	2.16	108	2.00	1.14		
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.02	101	2.00	1.28		
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.09	101	6.00	2.33		
Total BTX	<0.300	0.300	11/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 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	32.0	16.0	11/01/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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
 Reported: 11/07/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 10/28/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/04/2022	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 % 69.9-140

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	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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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-006-01.0-HS-P (H225102-04)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/04/2022	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 % 69.9-140

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	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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-006-01.0-HN-P (H225102-05)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/04/2022	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 % 69.9-140

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	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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-005-01.0-HN-P (H225102-06)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	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	11/02/2022	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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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-005-01.0-HS-P (H225102-07)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/04/2022	ND	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 BTX	<0.300	0.300	11/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	16.0	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	11/02/2022	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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
 Reported: 11/07/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 10/28/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

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

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	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 BTX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	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	11/02/2022	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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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		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/04/2022	ND	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 % 69.9-140

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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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
 Reported: 11/07/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 10/28/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/04/2022	ND	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	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	11/02/2022	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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
 Reported: 11/07/2022
 Project Name: ANTELOPE RIDGE CDP
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 10/28/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/02/2022	ND	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/04/2022	ND	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	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	11/02/2022	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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-HS-P (H225102-13)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

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		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 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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-001-01.0-HS-P (H225102-14)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	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 BTX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Page 17 of 18

Page 18 of 18



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

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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

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-005-01.0-NA-P (H225205-01)

BTX 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 BTX	<0.300	0.300	11/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2022	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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-006-01.0-NA-P (H225205-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/10/2022	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 % 69.9-140

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		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 94.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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-007-01.0-NA-P (H225205-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/10/2022	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 % 69.9-140

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		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 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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-008-01.0-NA-P (H225205-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/10/2022	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 % 69.9-140

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 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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-009-01.0-NA-P (H225205-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/10/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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 93.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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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-011-01.0-NA-P (H225205-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 46.3-178

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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-012-00.5-NA-P (H225205-07)

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) 89.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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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-013-00.5-NA-P (H225205-08)

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) 90.1 % 69.9-140

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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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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-014-00.5-NA-P (H225205-09)

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) 87.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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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-015-00.5-NA-P (H225205-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/10/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 46.3-178

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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		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) 90.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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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-017-00.5-NA-P (H225205-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager

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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services		BILL TO		ANALYSIS REQUEST	
Project Manager: Dan Dunkelberg		P.O. #:			
Address: 8426 N Dal Paso		Company: Menzies Oil Co.			
City: Hobbs		Attn: Connor Walker			
State: NM Zip: 88241		Address:			
Phone #: Hobbs		City:			
Fax #:		State:			
Project #: ANTELOPE RIDGE CDP		Zip:			
Project Name: dan@trinityoilfieldservices.com		Phone #:			
Project Location: Lea Co., NM		Fax #:			
Sampler Name: XT		PRESERV.		SAMPLING	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	Chloride	TPH	BTEX							
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE												
1	CF-005-01.0-NA-P	C	1	X						11/3/2022		X	X							
2	CF-006-01.0-NA-P	C	1	X						11/3/2022		X	X							
3	CF-007-01.0-NA-P	C	1	X						11/3/2022		X	X							
4	CF-008-01.0-NA-P	C	1	X						11/3/2022		X	X							
5	CF-009-01.0-NA-P	C	1	X						11/3/2022		X	X							
6	CF-011-01.0-NA-P	C	1	X						11/3/2022		X	X							
7	CF-012-00.5-NA-P	C	1	X						11/3/2022		X	X							
8	CF-013-00.5-NA-P	C	1	X						11/3/2022		X	X							
9	CF-014-00.5-NA-P	C	1	X						11/3/2022		X	X							
10	CF-015-00.5-NA-P	C	1	X						11/3/2022		X	X							

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Relinquished By:	Date: 11-3-22	Received By:	Verbal Result:	Yes	No	Add'l Phone #:
Relinquished By: [Signature]	Date: 11-3-22	Received By: [Signature]	Verbal Result: All Results are emailed. Please provide Email address:			
Time:		REMARKS:				

Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY: (Initials)	Turnaround Time:	Standard	Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:	29.0°C	Cool Intact	SP.		X	Cool Intact
	Corrected Temp. °C	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID #113		Yes <input type="checkbox"/> No <input type="checkbox"/>
	28.4			Correction Factor 4.5 °C		Observed Temp. °C
						Corrected Temp. °C

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

Page 16 of 16



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

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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

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-001-06.0-NA-P (H225302-01)

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	11/13/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/13/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/13/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/13/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/13/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

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-021-00.5-NA-P (H225302-06)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

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-022-00.5-NA-P (H225302-07)

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	11/13/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

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	11/13/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

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	11/13/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

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-025-00.5-NA-P (H225302-10)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/13/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	11/10/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager

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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Page 14 of 15

Page 15 of 15



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

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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

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
Project Location:	MEWBOURNE - LEA CO., NM		

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

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	11/13/2022	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 % 69.9-140

Chloride, SM4500Cl-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 99.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

BTX 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	11/13/2022	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 BTX	<0.300	0.300	11/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 86.9 % 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	272	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 79.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/13/2022	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		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 85.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.1 % 46.3-178

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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/13/2022	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 % 69.9-140

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		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 89.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.7 % 46.3-178

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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/13/2022	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 % 69.9-140

Chloride, SM4500Cl-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 86.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.1 % 46.3-178

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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

BTX 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	11/13/2022	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 BTX	<0.300	0.300	11/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.9 % 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		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 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

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	11/13/2022	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 % 69.9-140

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		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 83.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.6 % 46.3-178

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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

BTX 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	11/13/2022	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 BTX	<0.300	0.300	11/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 86.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

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	11/13/2022	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 % 69.9-140

Chloride, SM4500Cl-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		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 81.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.4 % 46.3-178

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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/13/2022	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 % 69.9-140

Chloride, SM4500Cl-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		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 95.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

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		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 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories				101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476				CHAIN-OF-CUSTODY AND ANALYSIS REQUEST			
Company Name: Trinity Oilfield Services				P.O. #:				BILL TO			
Project Manager: Dan Dunkelberg				Company: Mewbourne Oil Co.				ANALYSIS REQUEST			
Address: 8426 N Dal Paso				Attn: Connor Walker							
City: Hobbs				State: NM Zip: 88241							
Phone #: Hobbs				Fax #:							
Project #: ANTELOPE RIDGE CDP				Project Owner: (see below)							
Project Name: ANTELOPE RIDGE CDP				dan@trinityoilfieldservices.com							
Project Location: Lea Co., NM				City: State: Zip:							
Sampler Name: XT				Phone #: Fax #:							
FOR LAB USE ONLY				MATRIX				PRESERV. SAMPLING			
				GROUNDWATER							
				WASTEWATER							
				SOIL							
				OIL							
				SLUDGE							
				OTHER:							
				ACID/BASE:							
				ICE / COOL							
				OTHER:							
Lab I.D.				DATE				TIME			
Sample I.D.											
1 CF-027-00.5-NA-P				11/10/2022				X Chloride			
2 CF-028-00.5-NA-P				11/10/2022				X TPH			
3 CF-029-00.5-NA-P				11/10/2022				X BTEX			
4 CF-030-00.5-NA-P				11/10/2022							
5 CF-031-00.5-NA-P				11/10/2022							
6 CF-032-00.5-NA-P				11/10/2022							
7 CF-033-00.5-NA-P				11/10/2022							
8 CF-034-00.5-NA-P				11/10/2022							
9 CF-035-02.0-NA-P				11/10/2022							
10 CF-036-02.0-NA-P				11/10/2022							
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Relinquished By: <i>[Signature]</i>				Received By: <i>[Signature]</i>				Verbal Result: <i>[Signature]</i>			
Date: 11-10-22				Time: 1:40				All Results are emailed. Please provide Email address:			
Relinquished By: <i>[Signature]</i>				Received By: <i>[Signature]</i>				REMARKS:			
Date: Time:				Date: Time:							
Delivered By: (Circle One)				Observed Temp. °C				Sample Condition			
Cool Intact				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				CHECKED BY: (Initials) <i>[Signature]</i>			
Sampler - UPS - Bus - Other:				Corrected Temp. °C				Thermometer ID #113			
24.9				24.3				Correction Factor Δ.6 °C			
Standard				X				Bacteria (only) Sample Condition			
Cool Intact				Yes <input type="checkbox"/> No <input type="checkbox"/>				Cool Intact			
Corrected Temp. °C				Yes <input type="checkbox"/> No <input type="checkbox"/>				Corrected Temp. °C			

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

Page 15 of 15



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

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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

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
Project Location:	MEWBOURNE - LEA CO., NM		

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

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	11/19/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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



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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/18/2022	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

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



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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 97.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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



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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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



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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/18/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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



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

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
Project Location:	MEWBOURNE - LEA CO., NM		

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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



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

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
Project Location:	MEWBOURNE - LEA CO., NM		

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

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	11/18/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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



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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
Project Location:	MEWBOURNE - LEA CO., NM		

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

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	11/18/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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



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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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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

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

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



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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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

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		Analyzed 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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	11/30/2022	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	11/30/2022	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.8 % 46.3-178

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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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:	11/29/2022	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: CF-041-10.0-NA-P (H225580-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/30/2022	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 % 69.9-140

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	11/30/2022	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	11/30/2022	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Page 5 of 5



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

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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

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-001-00.5-NA-P (H225645-01)

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	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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:	12/01/2022	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-002-00.5-NA-P (H225645-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

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	12/05/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.9 % 46.3-178

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

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-003-04.0-NA-P (H225645-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 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	1140	16.0	12/05/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

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		Analyzed 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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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:	12/01/2022	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)

BTX 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	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 BTX	<0.300	0.300	12/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	192	16.0	12/05/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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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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A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Page 8 of 8



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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 accredited 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)

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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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

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.

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	2120820	GM	08-Dec-22	4500-Cl-B	
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Volatile Organic Compounds 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) 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, Lab Director/Quality Manager



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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-007-02.0
H225680-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	2120820	GM	08-Dec-22	4500-Cl-B	
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Volatile Organic Compounds 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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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
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Cardinal Laboratories**Inorganic Compounds**

Chloride	304		16.0	mg/kg	4	2120820	GM	08-Dec-22	4500-Cl-B	
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Volatile Organic Compounds 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)	107 %	69.9-140	2120611	JH/	09-Dec-22	8021B	
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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	83.5 %	45.3-161	2120622	MS	07-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane	88.3 %	46.3-178	2120622	MS	07-Dec-22	8015B	
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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

CF-038-03.0
H225680-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	352		16.0	mg/kg	4	2120820	GM	08-Dec-22	4500-Cl-B	
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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	
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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		86.8 %		45.3-161		2120622	MS	07-Dec-22	8015B	
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Surrogate: 1-Chlorooctadecane		92.0 %		46.3-178		2120622	MS	07-Dec-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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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

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	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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Celey D. Keene, Lab Director/Quality Manager



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

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

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2120611 - Volatiles**Blank (2120611-BLK1)**

Prepared: 06-Dec-22 Analyzed: 09-Dec-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0536		mg/kg	0.0500		107	69.9-140			

LCS (2120611-BS1)

Prepared: 06-Dec-22 Analyzed: 09-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			
m,p-Xylene	4.25	0.100	mg/kg	4.00		106	89.9-126			
o-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: 06-Dec-22 Analyzed: 09-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	
m,p-Xylene	4.42	0.100	mg/kg	4.00		110	89.9-126	3.87	13.6	
o-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	
Surrogate: 4-Bromofluorobenzene (PID)	0.0542		mg/kg	0.0500		108	69.9-140			

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Celey D. Keene, Lab Director/Quality Manager



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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

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2120622 - General Prep - Organics**Blank (2120622-BLK1)**

Prepared: 06-Dec-22 Analyzed: 07-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: 06-Dec-22 Analyzed: 07-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-BS1)

Prepared: 06-Dec-22 Analyzed: 07-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. Keene, Lab Director/Quality Manager



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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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A handwritten signature in cursive script, appearing to read "Celey D. Keene", written in black ink.

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Trinity Oilfield Services</u>		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>Dan Dunkelberg</u>		Company: <u>Newbourne Oil Co.</u>					
Address: <u>8420 N. Dal Paso</u>		Attn: <u>Conny Walker</u>					
City: <u>Hobbs</u>		Address:					
State: <u>NM</u> Zip: <u>88240</u>		City:					
Phone #:		State:					
Fax #:		Zip:					
Project #:		Phone #:					
Project Name: <u>Amelope Ridge CO2 Booster</u>		Fax #:					
Project Location: <u>Lea, NM</u>							
Sampler Name: <u>XT</u>							
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX		PRESERV.	SAMPLING
				GROUNDWATER	WASTEWATER	SOIL	OIL
				SLUDGE	OTHER:	ACID/BASE:	ICE / COOL
				OTHER:	DATE	TIME	
<u>H225680</u>	<u>CU-006-020</u>		<u>1</u>		<u>12/1/22</u>		<u>Chloride</u>
	<u>2 CU-007-020</u>		<u>1</u>		<u>12/1/22</u>		<u>TPH</u>
	<u>3 CU-037-030</u>		<u>1</u>		<u>12/1/22</u>		<u>BTEX</u>
	<u>4 CU-038-030</u>		<u>1</u>		<u>12/1/22</u>		
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Relinquished By: <u>Xelent Talme</u>		Date: <u>12-2-22</u>		Received By: <u>Dan Dunkelberg</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
Relinquished By: <u>Xelent Talme</u>		Date: <u>12-2-22</u>		Received By: <u>Dan Dunkelberg</u>		All Results are emailed. Please provide Email address:	
Time: <u>16:25</u>		Time: <u>16:25</u>		Time: <u>16:25</u>		Time: <u>16:25</u>	
Delivered By: (Circle One)		Observed Temp. °C <u>16.1</u>		Sample Condition		CHECKED BY: (Initials) <u>DT</u>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <u>15.5</u>		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #113	
				Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Bacteria (only) <input type="checkbox"/>	
				Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Sample Condition	
				Corrected Temp. °C		Observed Temp. °C	
<p>REMARKS: <u>dan@trinityoilfieldservices.com</u></p>							

FORM 006-R-3-0717022

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



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

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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

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-042-03.0-NA-P (H225728-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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:	12/06/2022	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)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	12/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 72.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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:	12/06/2022	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)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	12/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	12/09/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 72.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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:	12/06/2022	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)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	12/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

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	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 67.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

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		Analyzed 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 % 69.9-140

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	12/09/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 66.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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:	12/06/2022	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: SP-008-02.0-V-P (H225728-06)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	12/09/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 64.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories				101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	
Company Name: Trinity Oilfield Services				P.O. #:		BILL TO	
Project Manager: Dan Dunkelberg				Company: Menzies Oil Co.		ANALYSIS REQUEST	
Address: 8426 N Dal Paso				Attn: Connor Walker			
City: Hobbs				Address:			
State: NM Zip: 88241				City:			
Phone #:				Fax #:			
Project #:				Project Owner: (see below)			
Project Name: ANTELOPE RIDGE CDP				dan@trinityoilfieldservices.com			
Project Location: Lea Co., NM				State: Zip:			
Sample Name: XT				Phone #:			
FOR LAB USE ONLY				Fax #:			
Lab I.D.				Sample I.D.			
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Sample I.D.				(G)RAB OR (C)OMP.			
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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

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-046-03.0-NA-P (H225778-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/09/2022	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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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-047-02.0-NA-P (H225778-02)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

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		Analyzed 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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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-049-02.0-NA-P (H225778-04)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.1 % 46.3-178

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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-050-02.0-NA-P (H225778-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.5 % 46.3-178

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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-051-02.0-NA-P (H225778-06)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.7 % 46.3-178

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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-052-02.0-NA-P (H225778-07)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/09/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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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-053-03.0-NA-P (H225778-08)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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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		Analyzed 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 % 69.9-140

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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.9 % 46.3-178

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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		Analyzed 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 % 69.9-140

Chloride, SM4500Cl-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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.2 % 46.3-178

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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-056-05.0-NA-P (H225778-11)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

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)

BTX 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	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 BTX	<0.300	0.300	12/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	12/09/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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-058-08.0-NA-P (H225778-13)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	12/09/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 69.9-140

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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/09/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 69.9-140

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	12/09/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

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		Analyzed 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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager

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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 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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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Page 20 of 21

Page 21 of 21



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

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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

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)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	12/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	12/12/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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: CF-061-08.0-NA-P (H225825-02)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 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	272	16.0	12/12/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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: CF-062-04.0-NA-P (H225825-03)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

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	12/12/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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: CF-063-04.0-NA-P (H225825-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

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	12/12/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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-011-02.0-NA-P (H225825-05)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

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	12/12/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/12/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	12/12/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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-014-05.0-NA-P (H225825-08)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/12/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Page 11 of 11



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

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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 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 Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA, NM		

Sample ID: CF-057-09.0 (H225981-01)

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	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 183267

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 183267
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	2/22/2023