

Incident ID	NAPP2209756555
District RP	
Facility ID	
Application ID	

## Closure

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

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

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

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

Printed Name: Connor Walker Title: Sr. Engineer

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

email: cwalker@mewbourne.com Telephone: 806-202-5281

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Incident ID	NAPP2209756555
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## 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>50</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 checked="" type="checkbox"/> Yes <input 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 <b>not</b> 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

Page 4

Incident ID	NAPP2209756555
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Printed Name: Connor Walker Title: Sr. EngineerSignature:  Date: 06/21/2022email: cwalker@mewbourne.com Telephone: 806-202-5281**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	NAPP2209756555
District RP	
Facility ID	
Application ID	

## Remediation Plan


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

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

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

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


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

Printed Name: Connor Walker Title: Sr. Engineer  
Signature:  Date: 06/21/2022  
email: cwalker@mewbourne.com Telephone: 806-202-5281

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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

Signature:  Date: 07/05/2022



**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 119060

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 119060
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Remediation Plan Approved with Conditions. Composite confirmation samples will be collected from the bottom and sidewalls of the excavation from areas representing no more than four hundred (400) square feet.	7/5/2022

# Trinity Oilfield Services & Rentals, LLC



January 23<sup>rd</sup>, 2023

Oil Conservation Division, District II  
811 South First Street,  
Artesia, New Mexico 88210

Re: **Closure Request Mewbourne Oil Co.**  
**Boondock 3 Frac Line**  
**Tracking #: NAPP2209756555**

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	NAPP2209756555
Site Name	Boondock 3 Frac Line
Company	Mewbourne Oil Co.
County	Eddy
ULSTR	O-03-25S-28E
GPS Coordinates (NAD 83)	32.155041,-104.070911
Landowner	State

## RELEASE BACKGROUND

On 4/7/2022, Mewbourne Oil Co. reported a release at the Boondock 3 Frac Line. The release was caused when a lay-flat water line was disconnected and allowed fluid inside the line to release. Approximately 17,601 sqft. of the Pasture was found to be damp upon initial inspection.

Release Information	
Date of Release	3/24/2022
Type of Release	Produced Water
Source of Release	Human Error
Volume Released – Produced Water	310 bbls
Volume Recovered – Produced Water	0 bbls
Volume Released – Crude Oil	0 bbls
Volume Recovered – Crude Oil	0 bbls
Affected Area – Damp Soil	Pasture - Approximately 17,601 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	High
Distance to Watercourse	> 1000 ft.
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 High 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:**

<b>Delineation Summary</b>	
Delineation Dates	04/08/2022 - 04/11/2022
Depths Sampled	0' - 3'
Delineation Map	Figure 2
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:**

<b>Remediation Summary</b>	
Remediation Dates	9/26/2022
Workplan Approval	7/5/2022
Confirmation Sample Notification	11/16/2022
Liner Variance Request	None
Deferral Request	None
Depths Excavated	1'
Area Represented by the required 5-point Confirmation Samples – Floors and Walls	400 sqft.
Total Volume of Excavated Soil	652 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 400 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**

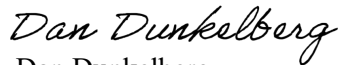
Areas affected by the release and the associated remediation activities were restored to a condition that existed before the release to the extent practicable. The affected area was contoured and/or compacted to provide erosion control, stability, and preservation of surface water flow. Affected areas 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



## Confirmation Sample Notification - NAPP2209756555 BOONDOCK 3 FRAC LINE

2 messages

**Dan Dunkelberg** <dan@trinityoilfieldservices.com>  
To: OCD.Enviro@emnrd.nm.gov  
Cc: Josh Halcomb <josh@trinityoilfieldservices.com>  
Bcc: Fieldtech 2 <fieldtech2@trinityoilfieldservices.com>

Wed, Nov 16, 2022 at 8:29 AM

This is a notification that Trinity Oilfield Services will conduct confirmation sampling on behalf of Mewbourne Oil Co. at the above referenced site on Friday, November 18, 2022 at 9:00 a.m.

Dan Dunkelberg  
Environmental Manager



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

**Enviro, OCD, EMNRD** <OCD.Enviro@emnrd.nm.gov>  
To: Dan Dunkelberg <dan@trinityoilfieldservices.com>  
Cc: "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Nobui, Jennifer, EMNRD" <Jennifer.Nobui@emnrd.nm.gov>

Wed, Nov 16, 2022 at 10:22 AM

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

**Jocelyn Harimon** • Environmental Specialist

Environmental Bureau

EMNRD - Oil Conservation Division

1220 South St. Francis Drive | Santa Fe, NM 87505

(505)469-2821 | [Jocelyn.Harimon@emnrd.nm.gov](mailto:Jocelyn.Harimon@emnrd.nm.gov)

[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



**From:** Dan Dunkelberg <dan@trinityoilfieldservices.com>  
**Sent:** Wednesday, November 16, 2022 8:29 AM  
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Cc:** Josh Halcomb <josh@trinityoilfieldservices.com>  
**Subject:** [EXTERNAL] Confirmation Sample Notification - NAPP2209756555 BOONDOCK 3 FRAC LINE  
*Released to Imaging: 2/22/2023 1:02:38 PM*

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

This is a notification that Trinity Oilfield Services will conduct confirmation sampling on behalf of Mewbourne Oil Co. at the above referenced site on Friday, November 18, 2022 at 9:00 a.m.

Dan Dunkelberg

Environmental Manager

[Redacted]

[Quoted text hidden]





## Excavation

Pasture:



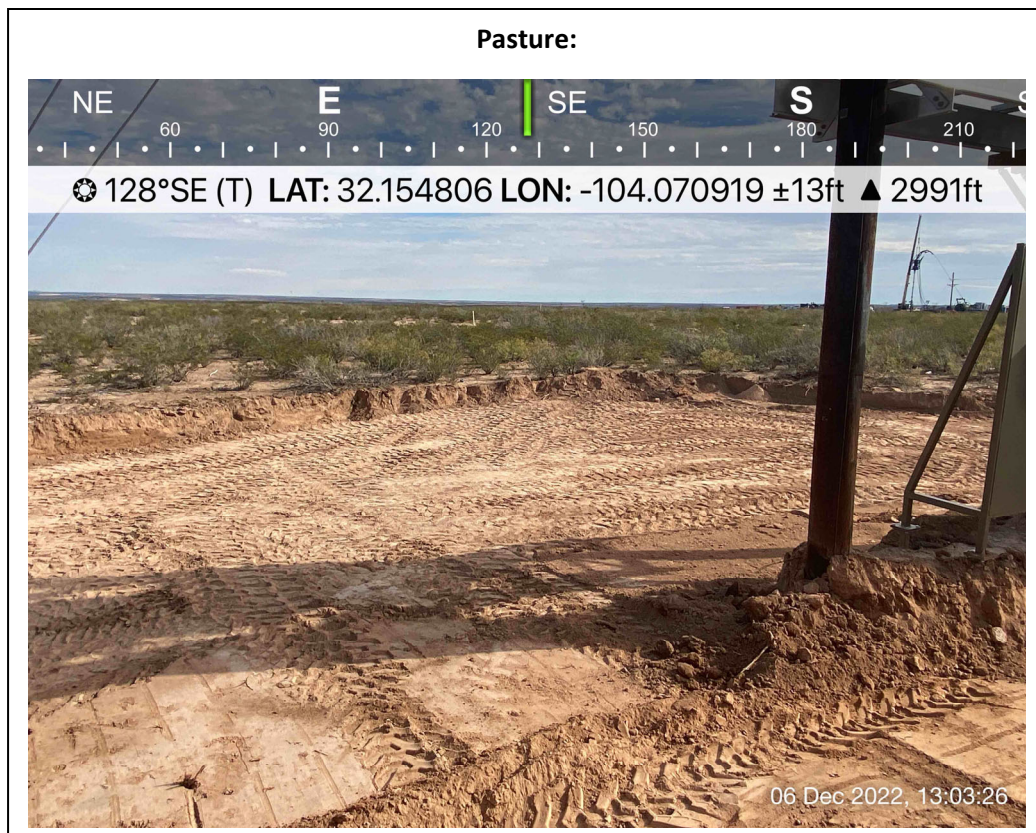
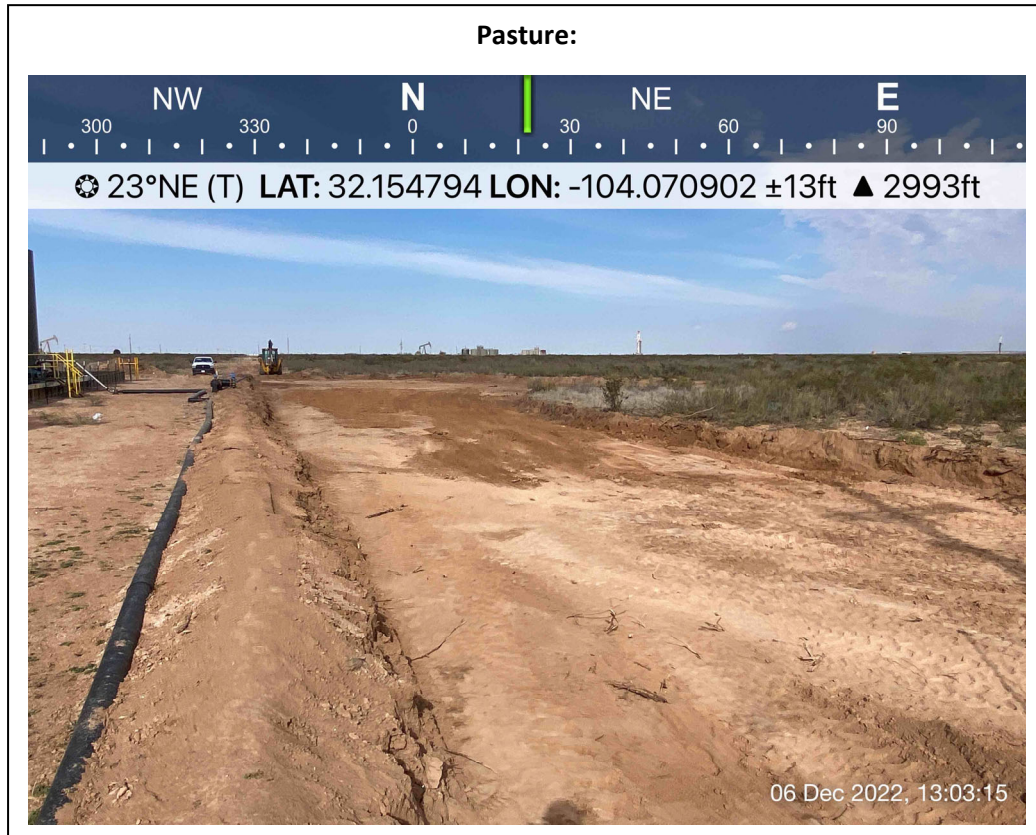
Pasture:







## Excavation







## Excavation

Pasture:



Pasture:





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

OXY USA, Inc  
BOONDOCK 3 FRAC LINE  
EDDY COUNTY, NEW MEXICO  
NMOCD REFERENCE #: NAPP2209756555

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M					SM4500Cl-B
					BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/Kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/Kg)	GRO+ DRO (mg/kg)	MRO C <sub>28</sub> -C <sub>36</sub> (mg/Kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Closure Limits					10	NE	NE	NE	NE	NE	50	NE	NE	NE	NE	100	600
Vertical Delineation																	
SP - 1 @ SURFACE	0'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SP - 1 @ 1'	1'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP - 2 @ SURFACE	0'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP - 2 @ 1'	1'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SP - 3 @ SURFACE	0'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SP - 3 @ 1'	1'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SP - 4 @ SURFACE	0'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	960
SP - 4 @ 1'	1'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SP - 5 @ SURFACE	0'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1200
SP - 5 @ 1'	1'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SP - 6 @ SURFACE	0'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1840
SP - 6 @ 1'	1'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
SP - 7 @ SURFACE	0'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	704
SP - 7 @ 2'	2'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
SP - 8 @ SURFACE	0'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3680
SP - 8 @ 1'	1'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP - 9 @ SURFACE	0'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3160
SP - 9 @ 1'	1'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP - 10 @ SURFACE	0'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SP - 10 @ 3'	3'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP - 11 @ SURFACE	0'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	25.8	25.8	<10.0	25.8	208
SP - 11 @ 1'	1'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	10.9	10.9	<10.0	10.9	48.0
SP - 12 @ SURFACE	0'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	14.9	14.9	<10.0	14.9	80.0
SP - 12 @ 1'	1'	4/8/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
Horizontal Delineation																	
SP - 1 N @ 2'	2'	4/11/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP - 1 W @ 2'	2'	4/11/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SP - 2 N @ 2'	2'	4/11/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP - 2 E @ 2'	2'	4/11/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SP - 3 S @ 2'	2'	4/11/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SP - 5 E @ 2'	2'	4/11/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SP - 6 E @ 2'	2'	4/11/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP - 6 S @ 2'	2'	4/11/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SP - 7 W @ 2'	2'	4/11/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SP - 8 E @ 2'	2'	4/11/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SP - 8 W @ 2'	2'	4/13/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SP - 9 E @ 2'	2'	4/11/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP - 9 W @ 2'	2'	4/11/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP - 10 W @ 2'	2'	4/11/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	10.6	10.6	<10.0	10.6	128
SP - 10 E @ 2'	2'	4/11/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP - 11 W @ 2'	2'	4/11/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP - 11 E @ 2'	2'	4/11/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SP - 12 S @ 2'	2'	4/11/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SP - 12 W @ 2'	2'	4/11/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP - 12 E @ 2'	2'	4/11/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0

Concentrations in **BOLD** exceed the NMOCD Closure Limit

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



**MEWBOURNE OIL CO.**  
**BOONDOCK 3 FRAC LINE**  
**EDDY COUNTY, NEW MEXICO**  
**NMOCD REFERENCE #: NAPP2209756555**

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)
<b>NMOCD Closure Limits Pad</b>					<b>600</b>	<b>100</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>50</b>	<b>10</b>
<b>NMOCD Closure Limits Pasture to 4' &amp; Walls</b>					<b>600</b>	<b>100</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>50</b>	<b>10</b>
<b>Remediation Floors</b>												
CF-001-01.0-NA-P	1	11/29/2022	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-002-01.0-NA-P	1	11/29/2022	Composite	In-Situ	64.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-003-01.0-NA-P	1	11/29/2022	Composite	In-Situ	64.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-004-01.0-NA-P	1	11/29/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-005-01.0-NA-P	1	11/29/2022	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-006-01.0-NA-P	1	11/29/2022	Composite	In-Situ	112.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-007-01.0-NA-P	1	11/29/2022	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-008-01.0-NA-P	1	11/29/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-009-01.0-NA-P	1	11/29/2022	Composite	In-Situ	112.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-010-01.0-NA-P	1	11/29/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-011-01.0-NA-P	1	11/29/2022	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-012-01.0-NA-P	1	11/29/2022	Composite	In-Situ	16.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-013-01.0-NA-P	1	11/29/2022	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-014-01.0-NA-P	1	11/29/2022	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-015-01.0-NA-P	1	11/29/2022	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-016-01.0-NA-P	1	11/29/2022	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-017-01.0-NA-P	1	11/29/2022	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-018-01.0-NA-P	1	11/29/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-019-01.0-NA-P	1	11/29/2022	Composite	In-Situ	160.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-020-01.0-NA-P	1	11/29/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-021-01.0-NA-P	1	11/29/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-022-01.0-NA-P	1	11/29/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-023-01.0-NA-P	1	11/29/2022	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-024-01.0-NA-P	1	11/29/2022	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-025-01.0-NA-P	1	11/29/2022	Composite	In-Situ	48.00	<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.**  
**BOONDOCK 3 FRAC LINE**  
**EDDY COUNTY, NEW MEXICO**  
**NMOCD REFERENCE #: NAPP2209756555**

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)
<b>NMOCD Closure Limits Pad</b>					<b>600</b>	<b>100</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>50</b>	<b>10</b>
<b>NMOCD Closure Limits Pasture to 4' &amp; Walls</b>					<b>600</b>	<b>100</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>50</b>	<b>10</b>
CF-026-01.0-NA-P	1	11/29/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-027-01.0-NA-P	1	11/29/2022	Composite	In-Situ	256.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-028-01.0-NA-P	1	11/29/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-029-01.0-NA-P	1	11/29/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-030-01.0-NA-P	1	11/29/2022	Composite	In-Situ	192.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-031-01.0-NA-P	1	11/29/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-032-01.0-NA-P	1	12/5/2022	Composite	In-Situ	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-033-01.0-NA-P	1	12/5/2022	Composite	In-Situ	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-034-01.0-NA-P	1	12/5/2022	Composite	In-Situ	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-035-01.0-NA-P	1	12/5/2022	Composite	In-Situ	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-036-01.0-NA-P	1	12/5/2022	Composite	In-Situ	96.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-037-01.0-NA-P	1	12/5/2022	Composite	In-Situ	192.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-038-01.0-NA-P	1	12/5/2022	Composite	In-Situ	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-039-01.0-NA-P	1	12/5/2022	Composite	In-Situ	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-040-01.0-NA-P	1	12/5/2022	Composite	In-Situ	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-041-01.0-NA-P	1	12/5/2022	Composite	In-Situ	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-042-01.0-NA-P	1	12/5/2022	Composite	In-Situ	96.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-043-01.0-NA-P	1	12/5/2022	Composite	In-Situ	64.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-044-01.0-NA-P	1	12/5/2022	Composite	In-Situ	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-045-01.0-NA-P	1	12/2/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-046-01.0-NA-P	1	12/2/2022	Composite	In-Situ	96.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-047-01.0-NA-P	1	12/2/2022	Composite	In-Situ	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-048-01.0-NA-P	1	12/2/2022	Composite	In-Situ	96.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-049-01.0-NA-P	1	12/2/2022	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-050-01.0-NA-P	1	12/2/2022	Composite	In-Situ	16.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-051-01.0-NA-P	1	12/2/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050

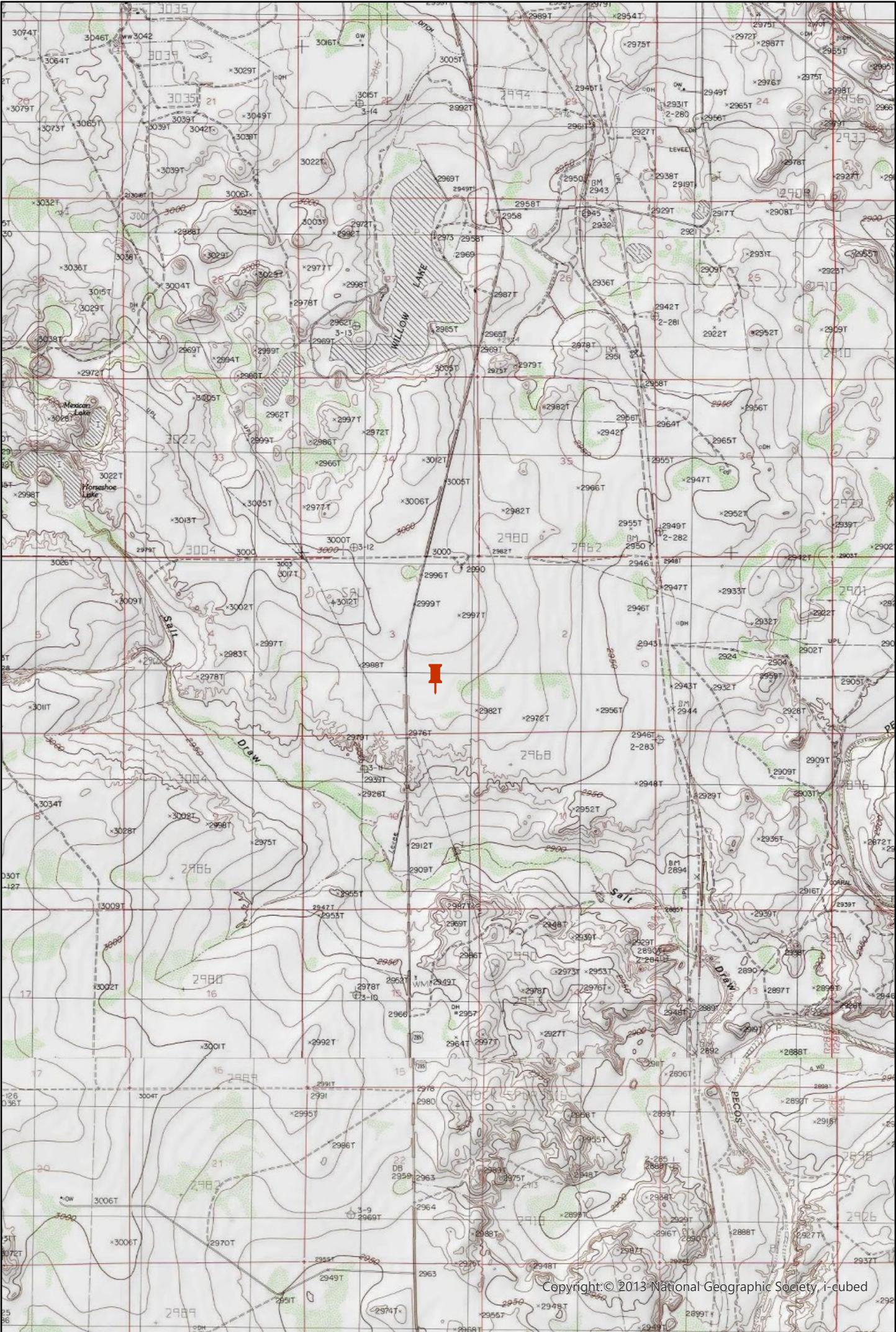
**TABLE 2**  
**CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL**



**MEWBOURNE OIL CO.**  
**BOONDOCK 3 FRAC LINE**  
**EDDY COUNTY, NEW MEXICO**  
**NMOCD REFERENCE #: NAPP2209756555**

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)
<b>NMOCD Closure Limits Pad</b>					<b>600</b>	<b>100</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>50</b>	<b>10</b>
<b>NMOCD Closure Limits Pasture to 4' &amp; Walls</b>					<b>600</b>	<b>100</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>50</b>	<b>10</b>
CF-052-01.0-NA-P	1	12/2/2022	Composite	In-Situ	16.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
<b>Remediation Walls</b>												
CW-001-00.5-NA-P	0.5	12/2/2022	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-002-00.5-NA-P	0.5	12/5/2022	Composite	In-Situ	16.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-003-00.5-NA-P	0.5	12/5/2022	Composite	In-Situ	16.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-004-00.5-NA-P	0.5	12/5/2022	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-005-00.5-NA-P	0.5	12/5/2022	Composite	In-Situ	16.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050





**Legend:**

 Site Location

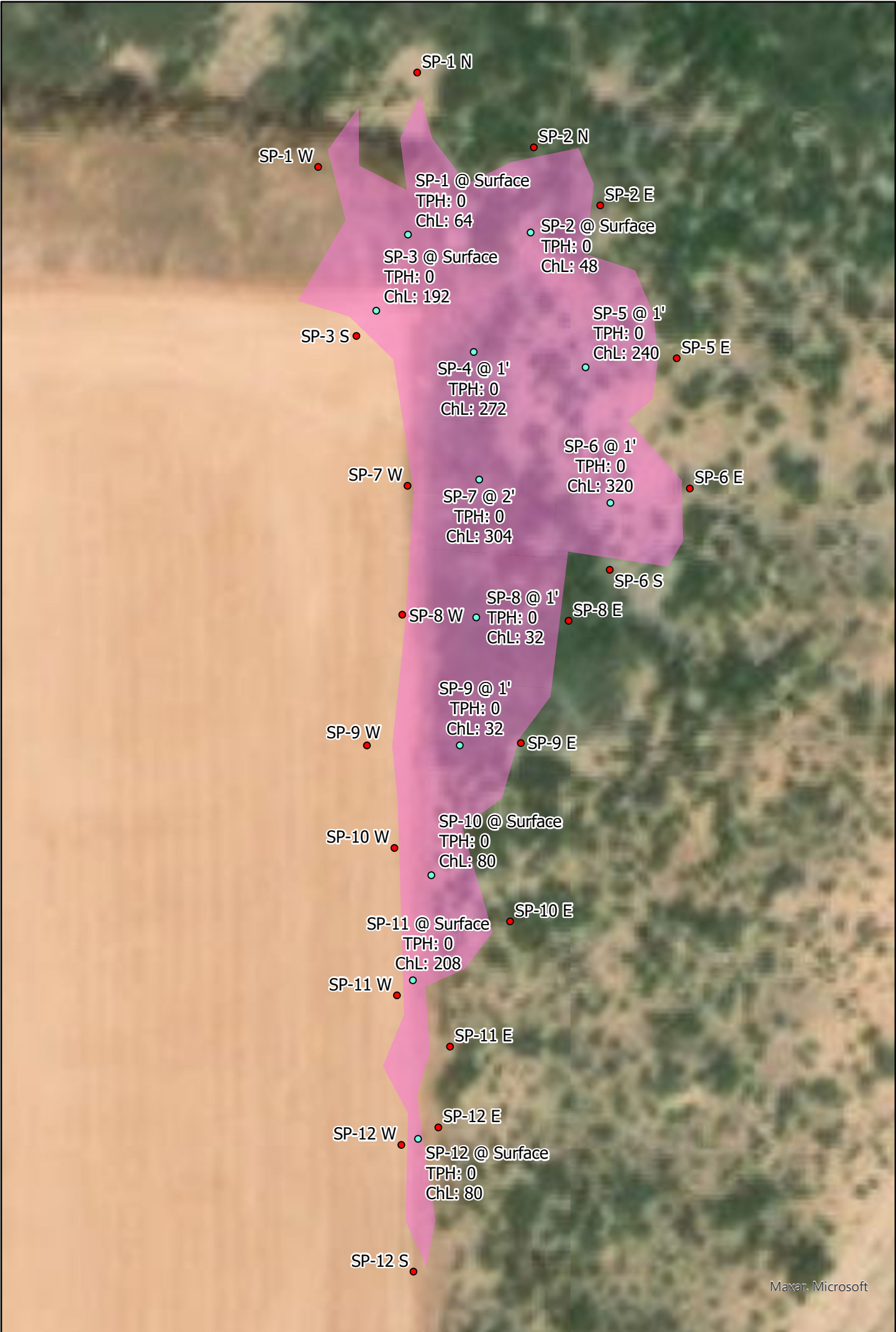
**Figure 1**  
**Site Location Map**  
**Mewbourne Oil Co.**  
**Boondock 3 Frac Line**  
**Eddy County, New Mexico**  
**NMOCD Reference #**  
**NAPP2209756555**

0 0.38 0.75 1.5 Miles



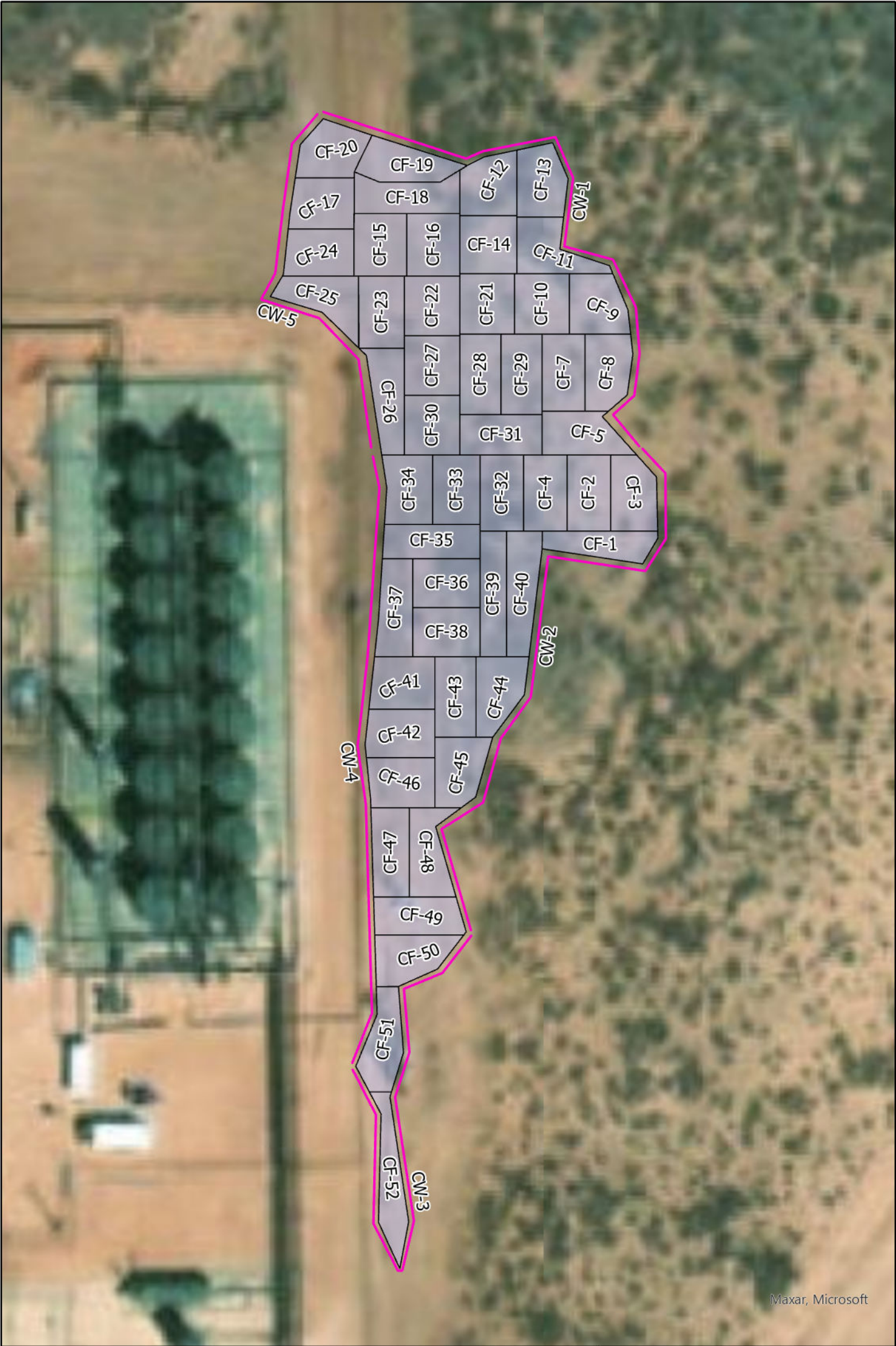









<b>Legend:</b> <ul style="list-style-type: none"><li>Horizontal Delineation</li><li>Vertical Delineation</li><li>Release Area</li></ul>	<b>Figure 2</b> <b>Initial Delineation Map</b> <b>Mewbourne Oil Co.</b> <b>Boondock 3 Frac Line</b> <b>Eddy County, New Mexico</b> <b>NMOCD Reference #</b> <b>NAPP2209756555</b>	<div>0204080 Feet</div> <div> TRINITY OILFIELD SERVICES</div> <div></div>
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**Legend:**

-  Remediation Walls
-  Remediation Floors
-  Excavation Area

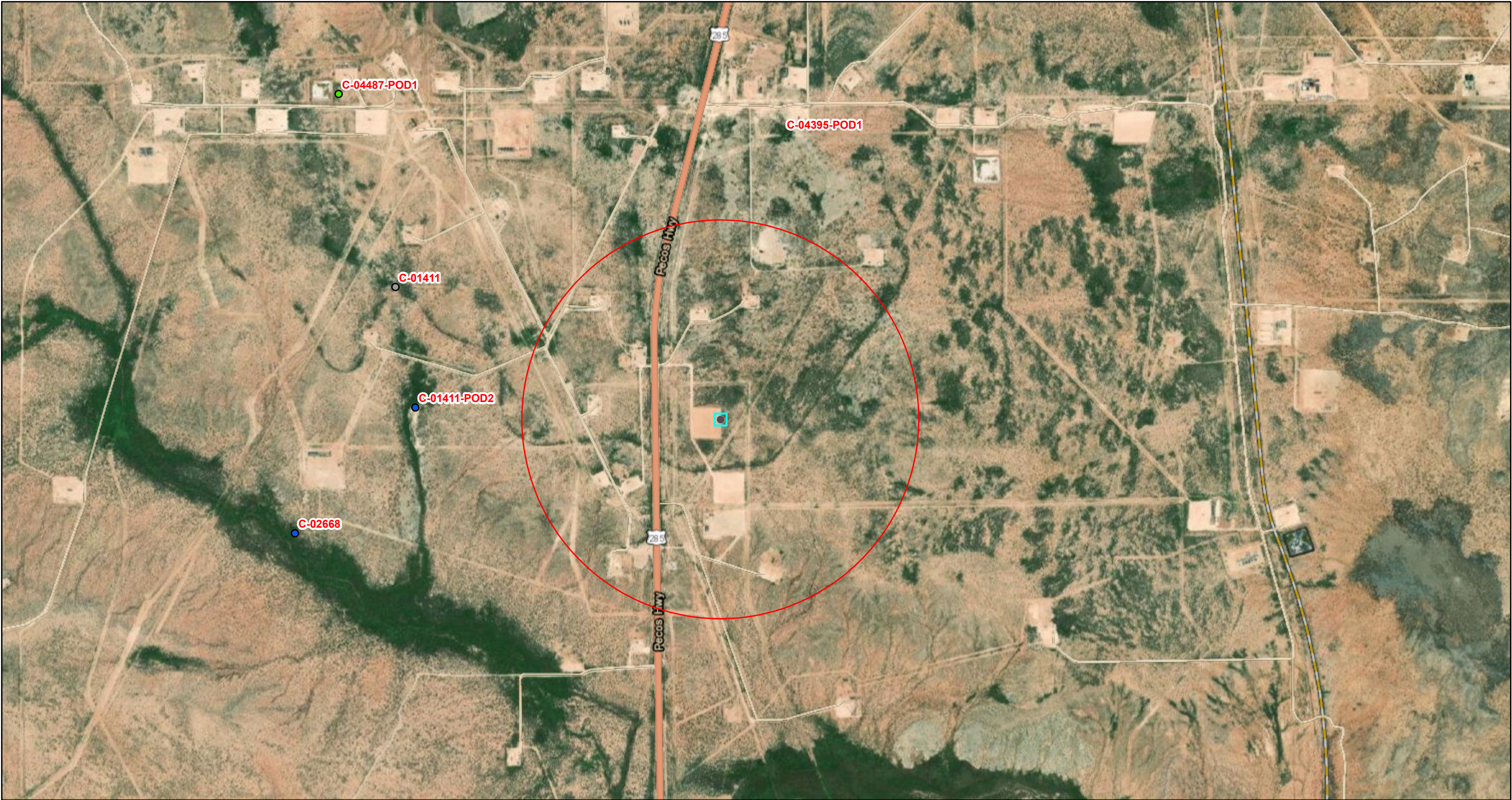
**Remediation Map  
Mewbourne Oil Co.  
Boondock 3 Frac Line  
32.155041, -104.070911  
Eddy County, New Mexico  
NMOCD Reference #  
NAPP2209756555**

0 20 40 80 Feet





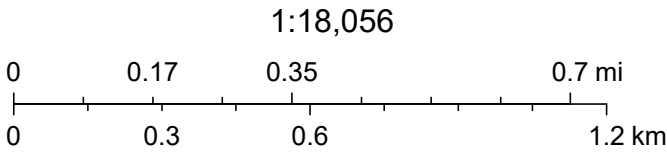
NAPP2209756555 | BOONDOCK 3 FRAC LINE



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GIS WATERS PODs

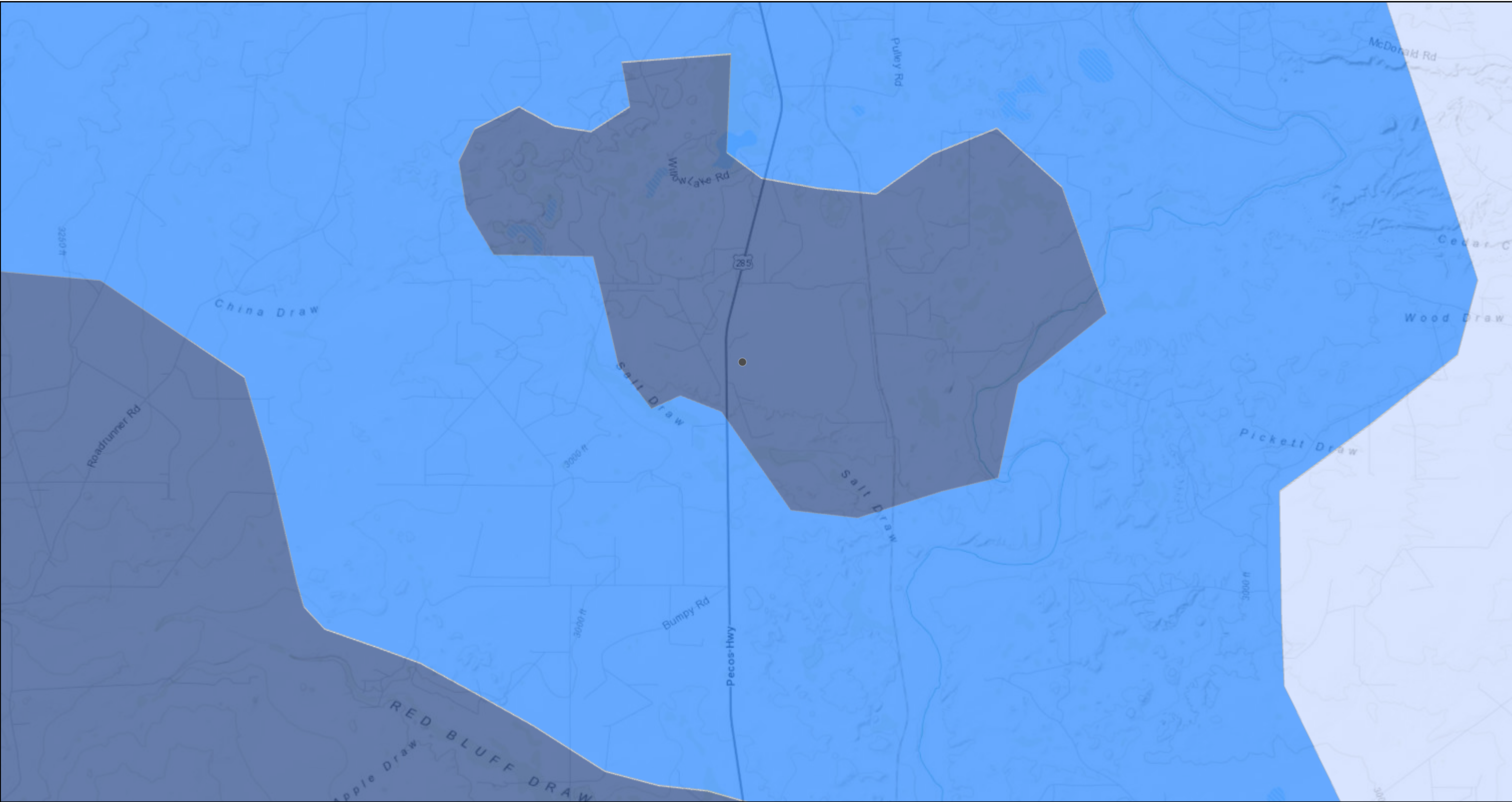
● Pending	□ OSE District Boundary
● Active	▤ Site Boundaries
○ Incomplete	



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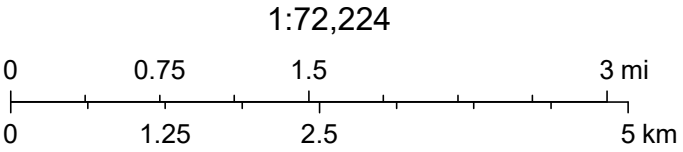
# NAPP2209756555 | BOONDOCK 3 FRAC LINE



6/20/2022, 2:33:16 PM

Karst Occurrence Potential

- High
- Medium
- Low

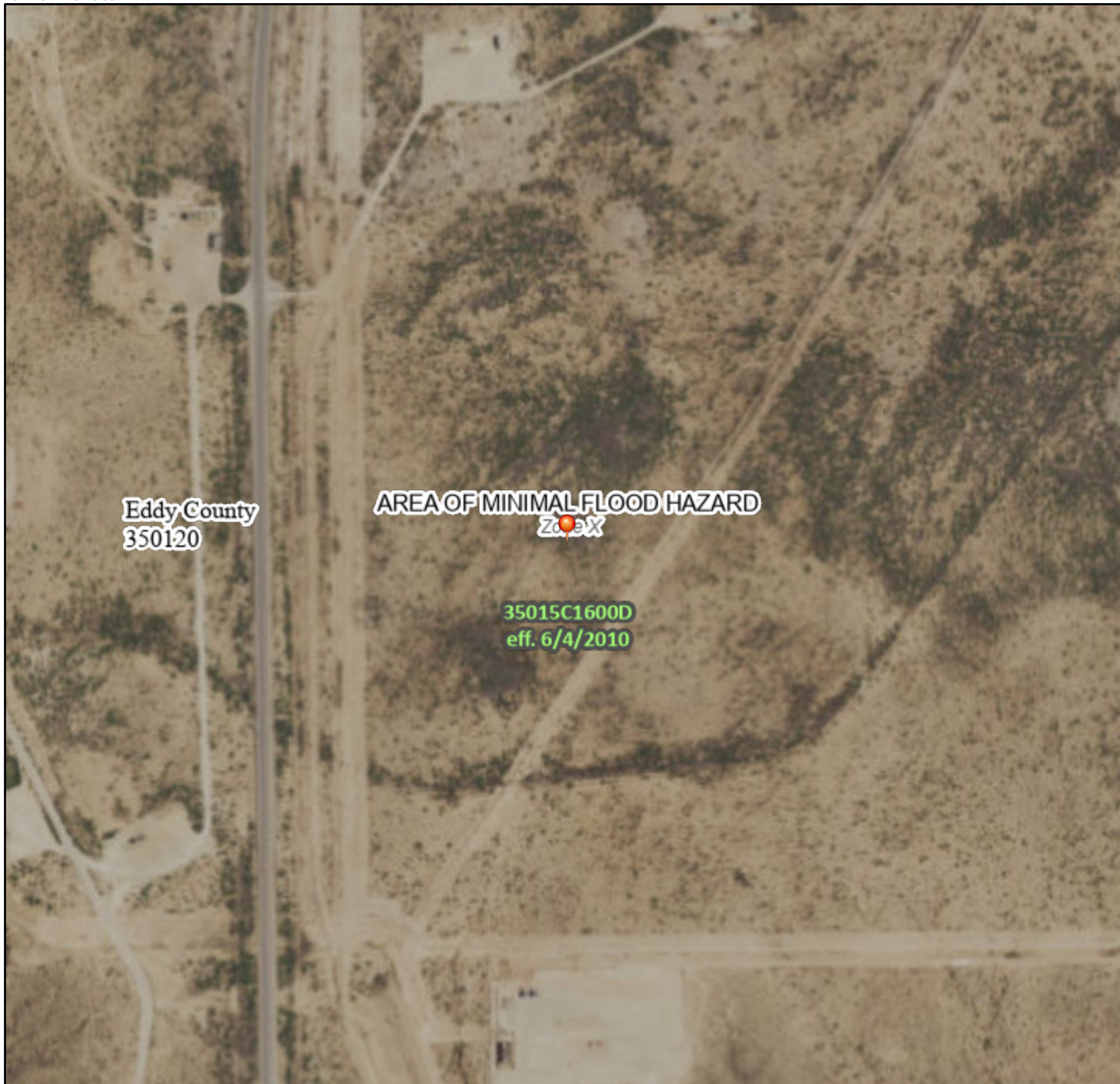


BLM, OCD, New Mexico Tech, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

# National Flood Hazard Layer FIRMette



104°4'34"W 32°9'33"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000 104°3'57"W 32°9'3"N

Released to Imaging: 2/22/2023 1:02:38 PM

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

## 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		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile 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 6/20/2022 at 4:25 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.





U.S. Fish and Wildlife Service

## National Wetlands Inventory

NAPP2209756555 | BOONDOCK 3 FRAC



June 20, 2022

## Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

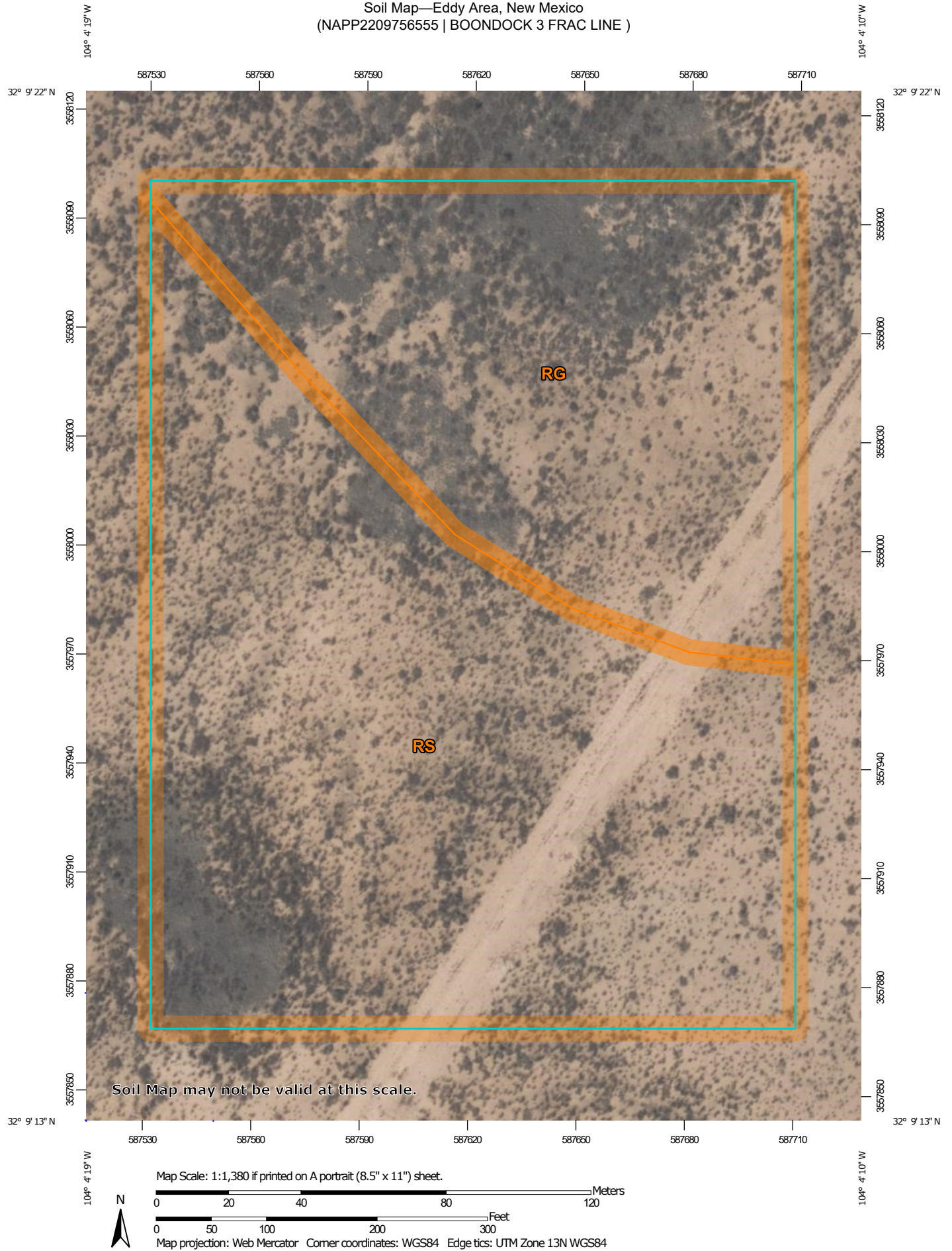
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- 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.



Soil Map—Eddy Area, New Mexico  
(NAPP2209756555 | BOONDOCK 3 FRAC LINE )



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

6/20/2022  
Page 1 of 3

Soil Map—Eddy Area, New Mexico  
(NAPP2209756555 | BOONDOK 3 FRAC LINE )

## 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: Eddy Area, New Mexico

Survey Area Data: Version 17, Sep 12, 2021

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

Date(s) aerial images were photographed: Feb 27, 2020—Feb 28, 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
RG	Reeves-Gypsum land complex, 0 to 3 percent slopes	3.9	37.9%
RS	Russler loam, 1 to 3 percent slopes	6.4	62.1%
Totals for Area of Interest		10.3	100.0%





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April 19, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: BOONDOCKS BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/13/22 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://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:	04/13/2022	Sampling Date:	04/08/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 1 @ SURFACE (H221546-01)**

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	04/18/2022	ND	2.13	107	2.00	8.69		
Toluene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	9.33		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	9.16		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.66	111	6.00	9.48		
Total BTEX	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	64.0	16.0	04/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	211	106	200	1.70	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	215	107	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 70.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 70.1 % 59.5-142

Cardinal Laboratories

\*=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:	04/13/2022	Sampling Date:	04/08/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 1 @ 1' (H221546-02)**

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	04/18/2022	ND	2.13	107	2.00	8.69	
Toluene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	9.33	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	9.16	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.66	111	6.00	9.48	
Total BTX	<0.300	0.300	04/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	04/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	211	106	200	1.70	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	215	107	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 75.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 74.3 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/11/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 1 N @ 2' (H221546-03)**

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	04/18/2022	ND	2.13	107	2.00	8.69		
Toluene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	9.33		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	9.16		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.66	111	6.00	9.48		
Total BTX	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	04/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	211	106	200	1.70	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	215	107	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 78.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 76.8 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/11/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 1 W @ 2' (H221546-04)**

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	04/18/2022	ND	2.13	107	2.00	8.69		
Toluene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	9.33		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	9.16		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.66	111	6.00	9.48		
Total BTEx	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	04/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	211	106	200	1.70	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	215	107	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 70.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 67.2 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/08/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 2 @ SURFACE (H221546-05)**

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	04/18/2022	ND	2.13	107	2.00	8.69		
Toluene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	9.33		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	9.16		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.66	111	6.00	9.48		
Total BTX	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	04/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	211	106	200	1.70	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	215	107	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 73.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 72.9 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/08/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 2 @ 1' (H221546-06)**

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	04/18/2022	ND	2.13	107	2.00	8.69	
Toluene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	9.33	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	9.16	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.66	111	6.00	9.48	
Total BTX	<0.300	0.300	04/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	256	16.0	04/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	211	106	200	1.70	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	215	107	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 83.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.0 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/11/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 2 N @ 2' (H221546-07)**

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	04/18/2022	ND	2.13	107	2.00	8.69		
Toluene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	9.33		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	9.16		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.66	111	6.00	9.48		
Total BTEx	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	04/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	211	106	200	1.70	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	215	107	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 74.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.4 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/11/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 2 E @ 2' (H221546-08)**

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	04/18/2022	ND	2.13	107	2.00	8.69		
Toluene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	9.33		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	9.16		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.66	111	6.00	9.48		
Total BTX	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	04/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	211	106	200	1.70	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	215	107	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 69.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 68.2 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/08/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 3 @ SURFACE (H221546-09)**

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	04/18/2022	ND	2.13	107	2.00	8.69		
Toluene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	9.33		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	9.16		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.66	111	6.00	9.48		
Total BTEX	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	04/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	214	107	200	0.155	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	228	114	200	0.426	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 74.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.8 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/08/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 3 @ 1' (H221546-10)**

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	04/18/2022	ND	2.13	107	2.00	8.69		
Toluene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	9.33		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	2.14	107	2.00	9.16		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.66	111	6.00	9.48		
Total BTEx	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	04/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	214	107	200	0.155	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	228	114	200	0.426	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 83.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.7 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/11/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 3 S @ 2' (H221546-11)**

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	04/18/2022	ND	2.04	102	2.00	12.9		
Toluene*	<0.050	0.050	04/18/2022	ND	2.05	102	2.00	14.8		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	18.6		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.10	102	6.00	18.8		
Total BTX	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	80.0	16.0	04/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	214	107	200	0.155	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	228	114	200	0.426	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 71.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.2 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/08/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 4 @ SURFACE (H221546-12)**

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	04/18/2022	ND	2.04	102	2.00	12.9	
Toluene*	<0.050	0.050	04/18/2022	ND	2.05	102	2.00	14.8	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	18.6	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.10	102	6.00	18.8	
Total BTX	<0.300	0.300	04/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	960	16.0	04/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	214	107	200	0.155	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	228	114	200	0.426	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 76.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.4 % 59.5-142

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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: 04/13/2022  
 Reported: 04/19/2022  
 Project Name: BOONDOCKS BATTERY  
 Project Number: NONE GIVEN  
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/08/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 4 @ 1' (H221546-13)**

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	04/18/2022	ND	2.04	102	2.00	12.9		
Toluene*	<0.050	0.050	04/18/2022	ND	2.05	102	2.00	14.8		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	18.6		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.10	102	6.00	18.8		
Total BTX	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	04/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	214	107	200	0.155	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	228	114	200	0.426	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 83.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.3 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/08/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 5 @ SURFACE (H221546-14)**

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	04/18/2022	ND	2.04	102	2.00	12.9		
Toluene*	<0.050	0.050	04/18/2022	ND	2.05	102	2.00	14.8		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	18.6		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.10	102	6.00	18.8		
Total BTX	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	1200	16.0	04/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	214	107	200	0.155	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	228	114	200	0.426	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 82.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.9 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/08/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 5 @ 1' (H221546-15)**

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	04/18/2022	ND	2.04	102	2.00	12.9		
Toluene*	<0.050	0.050	04/18/2022	ND	2.05	102	2.00	14.8		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	18.6		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.10	102	6.00	18.8		
Total BTX	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	04/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	214	107	200	0.155	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	228	114	200	0.426	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 80.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.5 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/11/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 5 E @ 2' (H221546-16)**

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	04/18/2022	ND	2.04	102	2.00	12.9		
Toluene*	<0.050	0.050	04/18/2022	ND	2.05	102	2.00	14.8		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	18.6		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.10	102	6.00	18.8		
Total BTX	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	04/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	214	107	200	0.155	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	228	114	200	0.426	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 82.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.2 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/08/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 6 @ SURFACE (H221546-17)**

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	04/18/2022	ND	2.04	102	2.00	12.9		
Toluene*	<0.050	0.050	04/18/2022	ND	2.05	102	2.00	14.8		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	18.6		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.10	102	6.00	18.8		
Total BTEx	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	1840	16.0	04/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	214	107	200	0.155	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	228	114	200	0.426	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 83.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.6 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/08/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 6 @ 1' (H221546-18)**

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	04/18/2022	ND	2.04	102	2.00	12.9		
Toluene*	<0.050	0.050	04/18/2022	ND	2.05	102	2.00	14.8		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	18.6		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.10	102	6.00	18.8		
Total BTX	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	320	16.0	04/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	214	107	200	0.155	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	228	114	200	0.426	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 84.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.6 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/11/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 6 E @ 2' (H221546-19)**

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	04/18/2022	ND	2.04	102	2.00	12.9		
Toluene*	<0.050	0.050	04/18/2022	ND	2.05	102	2.00	14.8		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	18.6		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.10	102	6.00	18.8		
Total BTEX	<0.300	0.300	04/18/2022	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	04/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	214	107	200	0.155	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	228	114	200	0.426	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 81.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.3 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/11/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 6 S @ 2' (H221546-20)**

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	04/18/2022	ND	2.04	102	2.00	12.9		
Toluene*	<0.050	0.050	04/18/2022	ND	2.05	102	2.00	14.8		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	18.6		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.10	102	6.00	18.8		
Total BTEx	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	04/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	214	107	200	0.155	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	228	114	200	0.426	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 83.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.4 % 59.5-142

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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: 04/13/2022  
 Reported: 04/19/2022  
 Project Name: BOONDOCKS BATTERY  
 Project Number: NONE GIVEN  
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/08/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 7 @ SURFACE (H221546-21)**

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	04/18/2022	ND	2.04	102	2.00	12.9		
Toluene*	<0.050	0.050	04/18/2022	ND	2.05	102	2.00	14.8		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	18.6		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.10	102	6.00	18.8		
Total BTEX	<0.300	0.300	04/18/2022	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	704	16.0	04/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	214	107	200	0.155	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	228	114	200	0.426	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 87.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.5 % 59.5-142

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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: 04/13/2022  
 Reported: 04/19/2022  
 Project Name: BOONDOCKS BATTERY  
 Project Number: NONE GIVEN  
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/08/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 7 @ 2' (H221546-22)**

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	04/18/2022	ND	2.04	102	2.00	12.9		
Toluene*	<0.050	0.050	04/18/2022	ND	2.05	102	2.00	14.8		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	18.6		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.10	102	6.00	18.8		
Total BTX	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	304	16.0	04/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	214	107	200	0.155	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	228	114	200	0.426	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 87.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.7 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/11/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 7 W @ 2' (H221546-23)**

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	04/18/2022	ND	2.04	102	2.00	12.9	
Toluene*	<0.050	0.050	04/18/2022	ND	2.05	102	2.00	14.8	
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	18.6	
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.10	102	6.00	18.8	
Total BTX	<0.300	0.300	04/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	04/19/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2022	ND	214	107	200	0.155	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	228	114	200	0.426	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/08/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 8 @ SURFACE (H221546-24)**

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	04/18/2022	ND	2.04	102	2.00	12.9		
Toluene*	<0.050	0.050	04/18/2022	ND	2.05	102	2.00	14.8		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	18.6		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.10	102	6.00	18.8		
Total BTX	<0.300	0.300	04/18/2022	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	3680	16.0	04/19/2022	ND	416	104	400	3.92	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	04/18/2022	ND	214	107	200	0.155	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	228	114	200	0.426	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 78.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.8 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/08/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 8 @ 1' (H221546-25)**

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	04/18/2022	ND	2.04	102	2.00	12.9		
Toluene*	<0.050	0.050	04/18/2022	ND	2.05	102	2.00	14.8		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	18.6		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.10	102	6.00	18.8		
Total BTX	<0.300	0.300	04/18/2022	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	32.0	16.0	04/19/2022	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	04/18/2022	ND	214	107	200	0.155	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	228	114	200	0.426	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 74.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.9 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/11/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 8 E @ 2' (H221546-26)**

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	04/18/2022	ND	2.04	102	2.00	12.9		
Toluene*	<0.050	0.050	04/18/2022	ND	2.05	102	2.00	14.8		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	18.6		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.10	102	6.00	18.8		
Total BTX	<0.300	0.300	04/18/2022	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	272	16.0	04/19/2022	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	04/18/2022	ND	214	107	200	0.155	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	228	114	200	0.426	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 86.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.0 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/08/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 9 @ SURFACE (H221546-27)**

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	04/18/2022	ND	2.04	102	2.00	12.9		
Toluene*	<0.050	0.050	04/18/2022	ND	2.05	102	2.00	14.8		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	18.6		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.10	102	6.00	18.8		
Total BTX	<0.300	0.300	04/18/2022	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	3160	16.0	04/19/2022	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	04/18/2022	ND	214	107	200	0.155	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	228	114	200	0.426	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 78.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.8 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/08/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 9 @ 1' (H221546-28)**

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	04/18/2022	ND	2.04	102	2.00	12.9		
Toluene*	<0.050	0.050	04/18/2022	ND	2.05	102	2.00	14.8		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	18.6		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.10	102	6.00	18.8		
Total BTX	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	04/19/2022	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	04/19/2022	ND	214	107	200	0.155	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	228	114	200	0.426	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 70.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 76.4 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/11/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 9 E @ 2' (H221546-29)**

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	04/18/2022	ND	2.04	102	2.00	12.9		
Toluene*	<0.050	0.050	04/18/2022	ND	2.05	102	2.00	14.8		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	18.6		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.10	102	6.00	18.8		
Total BTX	<0.300	0.300	04/18/2022	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	32.0	16.0	04/19/2022	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	04/18/2022	ND	214	107	200	2.92	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	210	105	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 81.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.6 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/11/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 9 W @ 2' (H221546-30)**

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	04/18/2022	ND	2.04	102	2.00	12.9		
Toluene*	<0.050	0.050	04/18/2022	ND	2.05	102	2.00	14.8		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	18.6		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	6.10	102	6.00	18.8		
Total BTX	<0.300	0.300	04/18/2022	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	48.0	16.0	04/19/2022	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	04/18/2022	ND	214	107	200	2.92	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	210	105	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 85.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.0 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/08/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 10 @ SURFACE (H221546-31)**

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	04/18/2022	ND	1.93	96.4	2.00	4.47		
Toluene*	<0.050	0.050	04/18/2022	ND	1.98	98.8	2.00	7.88		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	5.54		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.84	97.4	6.00	5.84		
Total BTEx	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	04/19/2022	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	04/18/2022	ND	214	107	200	2.92	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	210	105	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 92.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.2 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/08/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 10 @ 3' (H221546-32)**

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	04/18/2022	ND	1.93	96.4	2.00	4.47		
Toluene*	<0.050	0.050	04/18/2022	ND	1.98	98.8	2.00	7.88		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	5.54		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.84	97.4	6.00	5.84		
Total BTEX	<0.300	0.300	04/18/2022	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	32.0	16.0	04/19/2022	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	04/18/2022	ND	214	107	200	2.92	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	210	105	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 73.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.3 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/11/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 10 W @ 2' (H221546-33)**

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	04/18/2022	ND	1.93	96.4	2.00	4.47		
Toluene*	<0.050	0.050	04/18/2022	ND	1.98	98.8	2.00	7.88		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	5.54		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.84	97.4	6.00	5.84		
Total BTEx	<0.300	0.300	04/18/2022	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	128	16.0	04/19/2022	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	04/18/2022	ND	214	107	200	2.92	
DRO >C10-C28*	10.6	10.0	04/18/2022	ND	210	105	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 78.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.8 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/11/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 10 E @ 2' (H221546-34)**

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	04/18/2022	ND	1.93	96.4	2.00	4.47		
Toluene*	<0.050	0.050	04/18/2022	ND	1.98	98.8	2.00	7.88		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	5.54		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.84	97.4	6.00	5.84		
Total BTEx	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	04/19/2022	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	04/18/2022	ND	214	107	200	2.92	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	210	105	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 83.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.8 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/08/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 11 @ SURFACE (H221546-35)**

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	04/18/2022	ND	1.93	96.4	2.00	4.47		
Toluene*	<0.050	0.050	04/18/2022	ND	1.98	98.8	2.00	7.88		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	5.54		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.84	97.4	6.00	5.84		
Total BTEX	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	208	16.0	04/19/2022	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	04/18/2022	ND	214	107	200	2.92	
DRO >C10-C28*	25.8	10.0	04/18/2022	ND	210	105	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 95.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.2 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/08/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 11 @ 1' (H221546-36)**

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	04/18/2022	ND	1.93	96.4	2.00	4.47		
Toluene*	<0.050	0.050	04/18/2022	ND	1.98	98.8	2.00	7.88		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	5.54		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.84	97.4	6.00	5.84		
Total BTEX	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/19/2022	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	04/18/2022	ND	214	107	200	2.92	
DRO >C10-C28*	10.9	10.0	04/18/2022	ND	210	105	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 99.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/11/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 11 W @ 2' (H221546-37)**

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	04/18/2022	ND	1.93	96.4	2.00	4.47		
Toluene*	<0.050	0.050	04/18/2022	ND	1.98	98.8	2.00	7.88		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	5.54		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.84	97.4	6.00	5.84		
Total BTEX	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	48.0	16.0	04/19/2022	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	04/18/2022	ND	214	107	200	2.92	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	210	105	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 84.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.8 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/11/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 11 E @ 2' (H221546-38)**

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	04/18/2022	ND	1.93	96.4	2.00	4.47		
Toluene*	<0.050	0.050	04/18/2022	ND	1.98	98.8	2.00	7.88		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	5.54		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.84	97.4	6.00	5.84		
Total BTEX	<0.300	0.300	04/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	04/19/2022	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	04/18/2022	ND	214	107	200	2.92	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	210	105	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 87.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.9 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/08/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 12 @ SURFACE (H221546-39)**

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	04/18/2022	ND	1.93	96.4	2.00	4.47		
Toluene*	<0.050	0.050	04/18/2022	ND	1.98	98.8	2.00	7.88		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	5.54		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.84	97.4	6.00	5.84		
Total BTEx	<0.300	0.300	04/18/2022	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	80.0	16.0	04/19/2022	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	04/18/2022	ND	214	107	200	2.92	
DRO >C10-C28*	14.9	10.0	04/18/2022	ND	210	105	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 90.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.3 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/08/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 12 @ 1' (H221546-40)**

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	04/18/2022	ND	1.93	96.4	2.00	4.47		
Toluene*	<0.050	0.050	04/18/2022	ND	1.98	98.8	2.00	7.88		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	5.54		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.84	97.4	6.00	5.84		
Total BTEx	<0.300	0.300	04/18/2022	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	32.0	16.0	04/19/2022	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	04/18/2022	ND	214	107	200	2.92	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	210	105	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 98.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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\*=Accredited Analyte

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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:	04/13/2022	Sampling Date:	04/11/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 12 S @ 2' (H221546-41)**

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	04/18/2022	ND	1.93	96.4	2.00	4.47		
Toluene*	<0.050	0.050	04/18/2022	ND	1.98	98.8	2.00	7.88		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	5.54		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.84	97.4	6.00	5.84		
Total BTEx	<0.300	0.300	04/18/2022	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	04/19/2022	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	04/18/2022	ND	214	107	200	2.92	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	210	105	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 77.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.7 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/11/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 12 W @ 2' (H221546-42)**

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	04/18/2022	ND	1.93	96.4	2.00	4.47		
Toluene*	<0.050	0.050	04/18/2022	ND	1.98	98.8	2.00	7.88		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	5.54		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.84	97.4	6.00	5.84		
Total BTEx	<0.300	0.300	04/18/2022	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	48.0	16.0	04/19/2022	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	04/18/2022	ND	214	107	200	2.92	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	210	105	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 76.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.5 % 59.5-142

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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:	04/13/2022	Sampling Date:	04/11/2022
Reported:	04/19/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 12 E @ 2' (H221546-43)**

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	04/18/2022	ND	1.93	96.4	2.00	4.47		
Toluene*	<0.050	0.050	04/18/2022	ND	1.98	98.8	2.00	7.88		
Ethylbenzene*	<0.050	0.050	04/18/2022	ND	1.97	98.3	2.00	5.54		
Total Xylenes*	<0.150	0.150	04/18/2022	ND	5.84	97.4	6.00	5.84		
Total BTEX	<0.300	0.300	04/18/2022	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	32.0	16.0	04/19/2022	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	04/18/2022	ND	214	107	200	2.92	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	210	105	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 78.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager

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---

### Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

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

---

Celey D. Keene, Lab Director/Quality Manager

<b>CARDINAL Laboratories</b> 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		<b>CHAIN-OF-CUSTODY AND ANALYSIS REQUEST</b>	
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: Boondocks Battery Project Location: Eddy Co., NM Sample Name: KA		P.O. #: Company: Mewbourne Oil Co. Attn: Robbie Runnels Address: City: State: Zip: Phone #: Fax #: <b>BILL TO</b>	
FOR LAB USE ONLY Lab I.D. <b>H2015410</b> Sample I.D.		ANALYSIS REQUEST	
SP-1 @ Surface SP-1 @ 1' SP-1 N @ 2' SP-1 W @ 2' SP-2 @ Surface SP-2 @ 1' SP-2 N @ 2' SP-2 E @ 2' SP-3 @ Surface SP-3 @ 1'		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE TIME Chloride TPH BTEX	
1 2 3 4 5 6 7 8 9 10		4/8/2022 9:00 4/8/2022 9:05 4/11/2022 9:00 4/11/2022 9:05 4/8/2022 9:10 4/8/2022 9:15 4/11/2022 9:10 4/11/2022 9:15 4/8/2022 9:20 4/8/2022 9:25	
Relinquished By:  Date: 4-13-22 Time: 1400		Received By:  Date: Time: Verbal Result: All Results are emailed. Please provide Email address: Add'l Phone #: REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C: 0.6 Corrected Temp. °C: 0.1 Sample Condition: Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: (Initials) <b>TC</b> Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition: Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C: Corrected Temp. °C:	

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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		ANALYSIS REQUEST	
Project Manager: Dan Dunkelberg		Address: 8426 N Dal Paso		City: Hobbs		State: NM Zip: 88241	
Phone #:		Fax #:		Project Owner: (see below)		City: Address:	
Project Name: Boondocks Battery		Project Location: Eddy Co., NM		State: Zip:		Phone #:	
Sample Name: KA		Fax #:		PRESERV.		SAMPLING	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				DATE	TIME	Chloride	TPH	BTEX						
				GROUNDWATER	WASTEWATER	SOIL	OIL											
11	SP-3 S @ 2'	G 1	X					4/11/2022	920	X	X	X						
12	SP-4 @ Surface	G 1	X					4/8/2022	930	X	X	X						
13	SP-4 @ 1'	G 1	X					4/8/2022	935	X	X	X						
14	SP-5 @ Surface	G 1	X					4/8/2022	940	X	X	X						
15	SP-5 @ 1'	G 1	X					4/8/2022	945	X	X	X						
16	SP-5 E @ 2'	G 1	X					4/11/2022	925	X	X	X						
17	SP-6 @ Surface	G 1	X					4/8/2022	945	X	X	X						
18	SP-6 @ 1'	G 1	X					4/8/2022	950	X	X	X						
19	SP-6 E @ 2'	G 1	X					4/11/2022	930	X	X	X						
20	SP-6 S @ 2'	G 1	X					4/11/2022	935	X	X	X						

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Relinquished By:	Date: 4-13-22	Received By:	Date: 4-13-22
Relinquished By:	Date:	Received By:	Date:

REMARKS:

Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY: (Initials)	Turnaround Time:	Standard	Rush	Bacteria (only) Sample Condition	Observed Temp. °C
UPS - Bus - Other:	Corrected Temp. °C	Cool Intact		Thermometer ID #113			Cool Intact	Corrected Temp. °C

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(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

Phone #:

Project #:

Project Name: Boodocks Battery

Project Location: Eddy Co., NM

Sample Name: KA

FOR LAB USE ONLY

Lab I.D. H2A15416

Sample I.D.

SP-7 @ Surface

SP-7 @ 2'

SP-7 W @ 2'

SP-8 @ Surface

SP-8 @ 1'

SP-8 E @ 2'

SP-9 @ Surface

SP-9 @ 1'

SP-9 E @ 2'

SP-9 W @ 2'

SP-9 W @ 2'

SP-9 W @ 2'

SP-9 W @ 2'

SP-9 W @ 2'

SP-9 W @ 2'

SP-9 W @ 2'

SP-9 W @ 2'

SP-9 W @ 2'

SP-9 W @ 2'

SP-9 W @ 2'

SP-9 W @ 2'

SP-9 W @ 2'

SP-9 W @ 2'

SP-9 W @ 2'

SP-9 W @ 2'

SP-9 W @ 2'

### BILL TO

### ANALYSIS REQUEST

P.O. #:

Company: Mewbourne Oil Co.

Attn: Robbie Runnels

Address:

City:

State:

Zip:

Phone #:

Fax #:

SAMPLING

DATE

TIME

Chloride

TPH

BTEX

Turnaround Time:

Standard

Rush

Bacteria (only)

Sample Condition

Observed Temp. °C

Corrected Temp. °C

Thermometer ID #113

Correction Factor -0.5 °C

Verbal Result:

Yes

No

Add'l Phone #:

REMARKS:

Relinquished By:

Date: 4-13-22

Time: 1400

Received By:

Date:

Time:

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool

Intact

Yes

No

Yes

No

Yes



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		ANALYSIS REQUEST																																					
Project Manager: Dan Dunkelberg		Address: 8426 N Dal Paso		City: Hobbs		State: NM Zip: 88241		Company: Mewbourne Oil Co.		Attn: Robbie Runnels																																	
Phone #:		Fax #:		Project Owner: (see below)		City:		Address:		State:		Zip:																															
Project Name: Boondocks Battery		Project Location: Eddy Co., NM		Sample Name: KA		Fax #:		DATE		TIME		Chloride		TPH		BTEX																											
FOR LAB USE ONLY		Lab I.D. H201546		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE: ICE / COOL		OTHER :		DATE		TIME		Chloride		TPH		BTEX									
SP-10 @ Surface		G		1		X																				4/8/2022		1025		X		X		X									
SP-10 @ 3'		G		1		X																				4/8/2022		1030		X		X		X									
SP-10 W @ 2'		G		1		X																				4/11/2022		1005		X		X		X									
SP-10 E @ 2'		G		1		X																				4/11/2022		1010		X		X		X									
SP-11 @ Surface		G		1		X																				4/8/2022		1035		X		X		X									
SP-11 @ 1'		G		1		X																				4/8/2022		1040		X		X		X									
SP-11 W @ 2'		G		1		X																				4/11/2022		1015		X		X		X									
SP-11 E @ 2'		G		1		X																				4/11/2022		1020		X		X		X									
SP-12 @ Surface		G		1		X																				4/8/2022		1045		X		X		X									
SP-12 @ 1'		G		1		X																				4/8/2022		1050		X		X		X									
Relinquished By:		Date: 4-13-22		Received By:		Time: 1400		Received By:		Time:		REMARKS:		Verbal Result:		Yes		No		Add'l Phone #:																							
Relinquished By:		Date:		Received By:		Time:		REMARKS:		Verbal Result:		Yes		No		Add'l Phone #:																											
Delivered By: (Circle One)		Observed Temp. °C 0.6		Sample Condition		Cool Intact		CHECKED BY: (Initials) J.E.		Turnaround Time:		Standard		X		Bacteria (only) Sample Condition		Cool Intact		Observed Temp. °C		Corrected Temp. °C																					
Sampler - UPS - Bus - Other:		Corrected Temp. °C 0.1		Cool Intact		Yes		No		Thermometer ID #113		Correction Factor -0.5 °C		Rush		X		Cool Intact		Yes		No		Corrected Temp. °C																			

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Laboratories

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(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

Phone #:

Project #:

Project Name: Boondocks Battery

Project Location: Eddy Co., NM

Sampler Name: KA

FOR LAB USE ONLY

**BILL TO**

P.O. #:

Company: Merbourne Oil Co.

Attn: Robbie Runnels

Address:

City:

State:

Zip:

Phone #:

Fax #:

**ANALYSIS REQUEST**

Sample I.D.

(G)RAB OR (C)OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

Chloride

TPH

BTEX



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

---

April 20, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: BOONDOCKS BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/14/22 9:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://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: 04/14/2022  
 Reported: 04/20/2022  
 Project Name: BOONDOCKS BATTERY  
 Project Number: NONE GIVEN  
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/13/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 8 W @ 2' (H221554-01)**

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	04/19/2022	ND	2.13	106	2.00	0.916		
Toluene*	<0.050	0.050	04/19/2022	ND	2.11	106	2.00	1.95		
Ethylbenzene*	<0.050	0.050	04/19/2022	ND	2.11	105	2.00	1.64		
Total Xylenes*	<0.150	0.150	04/19/2022	ND	6.53	109	6.00	2.03		
Total BTX	<0.300	0.300	04/19/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/19/2022	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	04/19/2022	ND	203	101	200	1.68	
DRO >C10-C28*	<10.0	10.0	04/19/2022	ND	215	107	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/19/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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\*=Accredited Analyte

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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

Page 4 of 4



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December 13, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: BOONDOCK 3 FRAC LINE

Enclosed are the results of analyses for samples received by the laboratory on 12/06/22 14:00.

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





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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:	12/05/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-032-01.0-NA-P (H225724-01)**

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	12/10/2022	ND	2.14	107	2.00	1.56	
Toluene*	<0.050	0.050	12/10/2022	ND	2.23	111	2.00	0.905	
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.19	110	2.00	1.77	
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.74	112	6.00	1.14	
Total BTEX	<0.300	0.300	12/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	12/08/2022	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	12/08/2022	ND	191	95.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	160	80.0	200	7.29	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 90.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.3 % 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: 12/06/2022  
 Reported: 12/13/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 12/05/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-033-01.0-NA-P (H225724-02)**

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	12/10/2022	ND	2.14	107	2.00	1.56		
Toluene*	<0.050	0.050	12/10/2022	ND	2.23	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.19	110	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.74	112	6.00	1.14		
Total BTEX	<0.300	0.300	12/10/2022	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	80.0	16.0	12/08/2022	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	12/08/2022	ND	191	95.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	160	80.0	200	7.29	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 78.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.3 % 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:	12/06/2022	Sampling Date:	12/05/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-034-01.0-NA-P (H225724-03)**

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	12/10/2022	ND	2.14	107	2.00	1.56		
Toluene*	<0.050	0.050	12/10/2022	ND	2.23	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.19	110	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.74	112	6.00	1.14		
Total BTEX	<0.300	0.300	12/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/08/2022	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	12/08/2022	ND	191	95.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	160	80.0	200	7.29	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 78.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.2 % 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:	12/05/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-035-01.0-NA-P (H225724-04)**

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	12/10/2022	ND	2.14	107	2.00	1.56		
Toluene*	<0.050	0.050	12/10/2022	ND	2.23	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.19	110	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.74	112	6.00	1.14		
Total BTEX	<0.300	0.300	12/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	80.0	16.0	12/08/2022	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	12/08/2022	ND	191	95.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	160	80.0	200	7.29	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 80.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.2 % 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:	12/05/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-036-01.0-NA-P (H225724-05)**

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	12/10/2022	ND	2.14	107	2.00	1.56	
Toluene*	<0.050	0.050	12/10/2022	ND	2.23	111	2.00	0.905	
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.19	110	2.00	1.77	
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.74	112	6.00	1.14	
Total BTEx	<0.300	0.300	12/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	96.0	16.0	12/08/2022	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	12/08/2022	ND	191	95.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	160	80.0	200	7.29	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 73.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 72.3 % 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:	12/06/2022	Sampling Date:	12/05/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-037-01.0-NA-P (H225724-06)**

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	12/10/2022	ND	2.14	107	2.00	1.56		
Toluene*	<0.050	0.050	12/10/2022	ND	2.23	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.19	110	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.74	112	6.00	1.14		
Total BTEx	<0.300	0.300	12/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/08/2022	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	12/08/2022	ND	191	95.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	160	80.0	200	7.29	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 79.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.5 % 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:	12/05/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-038-01.0-NA-P (H225724-07)**

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	12/10/2022	ND	2.14	107	2.00	1.56		
Toluene*	<0.050	0.050	12/10/2022	ND	2.23	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.19	110	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.74	112	6.00	1.14		
Total BTEX	<0.300	0.300	12/10/2022	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	80.0	16.0	12/08/2022	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	12/08/2022	ND	191	95.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	160	80.0	200	7.29	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 80.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.8 % 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:	12/06/2022	Sampling Date:	12/05/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-039-01.0-NA-P (H225724-08)**

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	12/10/2022	ND	2.14	107	2.00	1.56		
Toluene*	<0.050	0.050	12/10/2022	ND	2.23	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.19	110	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.74	112	6.00	1.14		
Total BTEX	<0.300	0.300	12/10/2022	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	80.0	16.0	12/08/2022	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	12/08/2022	ND	191	95.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	160	80.0	200	7.29	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 80.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.8 % 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:	12/06/2022	Sampling Date:	12/05/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-040-01.0-NA-P (H225724-09)**

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	12/10/2022	ND	2.14	107	2.00	1.56		
Toluene*	<0.050	0.050	12/10/2022	ND	2.23	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.19	110	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.74	112	6.00	1.14		
Total BTEx	<0.300	0.300	12/10/2022	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	80.0	16.0	12/08/2022	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	12/08/2022	ND	191	95.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	160	80.0	200	7.29	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 68.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 62.9 % 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  
 Reported: 12/13/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 12/05/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-041-01.0-NA-P (H225724-10)**

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	12/10/2022	ND	2.14	107	2.00	1.56		
Toluene*	<0.050	0.050	12/10/2022	ND	2.23	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.19	110	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.74	112	6.00	1.14		
Total BTEX	<0.300	0.300	12/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	12/08/2022	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	12/08/2022	ND	191	95.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	160	80.0	200	7.29	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 73.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 71.0 % 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:	12/05/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-042-01.0-NA-P (H225724-11)**

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	12/10/2022	ND	2.14	107	2.00	1.56		
Toluene*	<0.050	0.050	12/10/2022	ND	2.23	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.19	110	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.74	112	6.00	1.14		
Total BTEx	<0.300	0.300	12/10/2022	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	96.0	16.0	12/08/2022	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	12/08/2022	ND	191	95.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	160	80.0	200	7.29	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 82.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.6 % 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:	12/05/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-043-01.0-NA-P (H225724-12)**

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	12/10/2022	ND	2.14	107	2.00	1.56		
Toluene*	<0.050	0.050	12/10/2022	ND	2.23	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.19	110	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.74	112	6.00	1.14		
Total BTEX	<0.300	0.300	12/10/2022	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	64.0	16.0	12/08/2022	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	12/08/2022	ND	191	95.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	160	80.0	200	7.29	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 83.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.7 % 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:	12/05/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-044-01.0-NA-P (H225724-13)**

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	12/10/2022	ND	2.14	107	2.00	1.56		
Toluene*	<0.050	0.050	12/10/2022	ND	2.23	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.19	110	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.74	112	6.00	1.14		
Total BTEX	<0.300	0.300	12/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	80.0	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	191	95.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	160	80.0	200	7.29	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 83.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.4 % 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:	12/05/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CW-002-00.5-NA-P (H225724-14)**

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	12/09/2022	ND	2.09	104	2.00	1.32	
Toluene*	<0.050	0.050	12/09/2022	ND	2.10	105	2.00	0.732	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.11	106	2.00	0.255	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.40	107	6.00	0.480	
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: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	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	191	95.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	160	80.0	200	7.29	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 58.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 55.7 % 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  
 Reported: 12/13/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 12/05/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CW-003-00.5-NA-P (H225724-15)**

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	12/09/2022	ND	2.09	104	2.00	1.32	
Toluene*	<0.050	0.050	12/09/2022	ND	2.10	105	2.00	0.732	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.11	106	2.00	0.255	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.40	107	6.00	0.480	
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: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	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	191	95.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	160	80.0	200	7.29	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 73.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 69.6 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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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:	12/05/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CW-004-00.5-NA-P (H225724-16)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2022	ND	2.09	104	2.00	1.32	
Toluene*	<0.050	0.050	12/09/2022	ND	2.10	105	2.00	0.732	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.11	106	2.00	0.255	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.40	107	6.00	0.480	
Total BTEx	<0.300	0.300	12/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	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	191	95.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	160	80.0	200	7.29	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 75.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 72.6 % 46.3-178

Cardinal Laboratories

\*=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:	12/06/2022	Sampling Date:	12/05/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CW-005-00.5-NA-P (H225724-17)**

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	12/09/2022	ND	2.09	104	2.00	1.32	
Toluene*	<0.050	0.050	12/09/2022	ND	2.10	105	2.00	0.732	
Ethylbenzene*	<0.050	0.050	12/09/2022	ND	2.11	106	2.00	0.255	
Total Xylenes*	<0.150	0.150	12/09/2022	ND	6.40	107	6.00	0.480	
Total BTX	<0.300	0.300	12/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	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	191	95.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	160	80.0	200	7.29	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 69.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 65.1 % 46.3-178

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\*=Accredited Analyte

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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	
Project Manager: Dan Dunkelberg				P.O. #:	
Address: 8426 N Dal Paso				Company: Mewbourne Oil Co.	
City: Hobbs				Attn: Corcor Walker	
State: NM Zip: 88241				Address:	
Phone #:				City:	
Project #:				State:	
Project Name: Borehole 3 Frac Line				Zip:	
Project Location: Lea Co., NM				Phone #:	
Sampler Name: KA				Fax #:	
FOR LAB USE ONLY				SAMPLING	
Lab I.D. H225724		Sample I.D.		DATE	
1		CF-032-01.0-NA-P		12/5/2022	
2		CF-033-01.0-NA-P		12/5/2022	
3		CF-034-01.0-NA-P		12/5/2022	
4		CF-035-01.0-NA-P		12/5/2022	
5		CF-036-01.0-NA-P		12/5/2022	
6		CF-037-01.0-NA-P		12/5/2022	
7		CF-038-01.0-NA-P		12/5/2022	
8		CF-039-01.0-NA-P		12/5/2022	
9		CF-040-01.0-NA-P		12/5/2022	
10		CF-041-01.0-NA-P		12/5/2022	
Relinquished By: [Signature]		Received By: [Signature]		Verbal Result: Yes No Add'l Phone #:	
Relinquished By: [Signature]		Received By: [Signature]		REMARKS:	
Delivered By: (Circle One)		Observed Temp. °C -4.3		Sample Condition	
Cool Intact		Corrected Temp. °C -4.9		CHECKED BY: (Initials) [Signature]	
Sampler - UPS - Bus - Other:		Turnaround Time:		Standard Rush X	
		Thermometer ID #113		Bacteria (only) Sample Condition	
		Correction Factor -0.5 °C		Cool Intact	
				Observed Temp. °C	
				Corrected Temp. °C	

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



[illegible]



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: BOONDOCK 3 FRAC LINE

Enclosed are the results of analyses for samples received by the laboratory on 11/30/22 14:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://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 style with a large, stylized 'C' and 'K'.

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:	11/30/2022	Sampling Date:	11/29/2022
Reported:	12/05/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	LEA CO., NM	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-001-01.0-NA-P (H225608-01)**

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	12/02/2022	ND	2.07	103	2.00	5.53	
Toluene*	<0.050	0.050	12/02/2022	ND	2.10	105	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.14	107	2.00	4.75	
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.43	107	6.00	4.77	
Total BTEX	<0.300	0.300	12/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	12/02/2022	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	12/02/2022	ND	213	106	200	1.39	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	203	101	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	12/02/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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\*=Accredited Analyte

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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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-002-01.0-NA-P (H225608-02)**

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	12/02/2022	ND	2.07	103	2.00	5.53		
Toluene*	<0.050	0.050	12/02/2022	ND	2.10	105	2.00	3.99		
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.14	107	2.00	4.75		
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.43	107	6.00	4.77		
Total BTEx	<0.300	0.300	12/02/2022	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	64.0	16.0	12/02/2022	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	12/02/2022	ND	213	106	200	1.39	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	203	101	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	12/02/2022	ND					

Surrogate: 1-Chlorooctane 94.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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\*=Accredited Analyte

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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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-003-01.0-NA-P (H225608-03)**

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	12/02/2022	ND	2.07	103	2.00	5.53	
Toluene*	<0.050	0.050	12/02/2022	ND	2.10	105	2.00	3.99	
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.14	107	2.00	4.75	
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.43	107	6.00	4.77	
Total BTEX	<0.300	0.300	12/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	64.0	16.0	12/02/2022	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	12/02/2022	ND	213	106	200	1.39	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	203	101	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	12/02/2022	ND					

Surrogate: 1-Chlorooctane 81.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.0 % 46.3-178

Cardinal Laboratories

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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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-004-01.0-NA-P (H225608-04)**

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	12/02/2022	ND	2.07	103	2.00	5.53		
Toluene*	<0.050	0.050	12/02/2022	ND	2.10	105	2.00	3.99		
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.14	107	2.00	4.75		
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.43	107	6.00	4.77		
Total BTEx	<0.300	0.300	12/02/2022	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	32.0	16.0	12/02/2022	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	12/02/2022	ND	213	106	200	1.39	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	203	101	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	12/02/2022	ND					

Surrogate: 1-Chlorooctane 93.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

Cardinal Laboratories

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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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-005-01.0-NA-P (H225608-05)**

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	12/02/2022	ND	2.07	103	2.00	5.53		
Toluene*	<0.050	0.050	12/02/2022	ND	2.10	105	2.00	3.99		
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.14	107	2.00	4.75		
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.43	107	6.00	4.77		
Total BTEx	<0.300	0.300	12/02/2022	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	<16.0	16.0	12/02/2022	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	12/02/2022	ND	213	106	200	1.39	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	203	101	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	12/02/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 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:	11/30/2022	Sampling Date:	11/29/2022
Reported:	12/05/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	LEA CO., NM	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-006-01.0-NA-P (H225608-06)**

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	12/02/2022	ND	2.07	103	2.00	5.53		
Toluene*	<0.050	0.050	12/02/2022	ND	2.10	105	2.00	3.99		
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.14	107	2.00	4.75		
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.43	107	6.00	4.77		
Total BTEx	<0.300	0.300	12/02/2022	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	12/02/2022	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	12/02/2022	ND	213	106	200	1.39	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	203	101	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	12/02/2022	ND					

Surrogate: 1-Chlorooctane 89.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-007-01.0-NA-P (H225608-07)**

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	12/02/2022	ND	2.07	103	2.00	5.53		
Toluene*	<0.050	0.050	12/02/2022	ND	2.10	105	2.00	3.99		
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.14	107	2.00	4.75		
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.43	107	6.00	4.77		
Total BTEx	<0.300	0.300	12/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	12/02/2022	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	12/02/2022	ND	213	106	200	1.39	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	203	101	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	12/02/2022	ND					

Surrogate: 1-Chlorooctane 91.6 % 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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-008-01.0-NA-P (H225608-08)**

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	12/02/2022	ND	2.07	103	2.00	5.53		
Toluene*	<0.050	0.050	12/02/2022	ND	2.10	105	2.00	3.99		
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.14	107	2.00	4.75		
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.43	107	6.00	4.77		
Total BTEx	<0.300	0.300	12/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	12/02/2022	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	12/03/2022	ND	213	106	200	1.39	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	203	101	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	12/02/2022	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





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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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-009-01.0-NA-P (H225608-09)**

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	12/02/2022	ND	2.07	103	2.00	5.53		
Toluene*	<0.050	0.050	12/02/2022	ND	2.10	105	2.00	3.99		
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.14	107	2.00	4.75		
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.43	107	6.00	4.77		
Total BTEx	<0.300	0.300	12/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	12/02/2022	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	12/05/2022	ND	213	106	200	1.39	
DRO >C10-C28*	<10.0	10.0	12/05/2022	ND	203	101	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	12/05/2022	ND					

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 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:	11/30/2022	Sampling Date:	11/29/2022
Reported:	12/05/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	LEA CO., NM	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-010-01.0-NA-P (H225608-10)**

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	12/02/2022	ND	2.07	103	2.00	5.53		
Toluene*	<0.050	0.050	12/02/2022	ND	2.10	105	2.00	3.99		
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.14	107	2.00	4.75		
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.43	107	6.00	4.77		
Total BTEx	<0.300	0.300	12/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	12/02/2022	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	12/03/2022	ND	213	106	200	1.39	
DRO >C10-C28*	<10.0	10.0	12/03/2022	ND	203	101	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	ND					

Surrogate: 1-Chlorooctane 101 % 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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-011-01.0-NA-P (H225608-11)**

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	12/02/2022	ND	2.07	103	2.00	5.53		
Toluene*	<0.050	0.050	12/02/2022	ND	2.10	105	2.00	3.99		
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.14	107	2.00	4.75		
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.43	107	6.00	4.77		
Total BTEx	<0.300	0.300	12/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	12/02/2022	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	12/03/2022	ND	213	106	200	1.39	
DRO >C10-C28*	<10.0	10.0	12/03/2022	ND	203	101	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	ND					

Surrogate: 1-Chlorooctane 98.3 % 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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-012-01.0-NA-P (H225608-12)**

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	12/02/2022	ND	2.07	103	2.00	5.53		
Toluene*	<0.050	0.050	12/02/2022	ND	2.10	105	2.00	3.99		
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.14	107	2.00	4.75		
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.43	107	6.00	4.77		
Total BTEx	<0.300	0.300	12/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	12/02/2022	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	12/03/2022	ND	213	106	200	1.39	
DRO >C10-C28*	<10.0	10.0	12/03/2022	ND	203	101	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-013-01.0-NA-P (H225608-13)**

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	12/02/2022	ND	2.07	103	2.00	5.53		
Toluene*	<0.050	0.050	12/02/2022	ND	2.10	105	2.00	3.99		
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.14	107	2.00	4.75		
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.43	107	6.00	4.77		
Total BTEX	<0.300	0.300	12/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	12/02/2022	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	12/03/2022	ND	213	106	200	1.39	
DRO >C10-C28*	<10.0	10.0	12/03/2022	ND	203	101	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	ND					

Surrogate: 1-Chlorooctane 99.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-014-01.0-NA-P (H225608-14)**

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	12/02/2022	ND	2.07	103	2.00	5.53		
Toluene*	<0.050	0.050	12/02/2022	ND	2.10	105	2.00	3.99		
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.14	107	2.00	4.75		
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.43	107	6.00	4.77		
Total BTEx	<0.300	0.300	12/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	12/02/2022	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	12/03/2022	ND	213	106	200	1.39	
DRO >C10-C28*	<10.0	10.0	12/03/2022	ND	203	101	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	ND					

Surrogate: 1-Chlorooctane 103 % 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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-015-01.0-NA-P (H225608-15)**

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	12/02/2022	ND	2.07	103	2.00	5.53		
Toluene*	<0.050	0.050	12/02/2022	ND	2.10	105	2.00	3.99		
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.14	107	2.00	4.75		
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.43	107	6.00	4.77		
Total BTEx	<0.300	0.300	12/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	12/02/2022	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	12/03/2022	ND	213	106	200	1.39	
DRO >C10-C28*	<10.0	10.0	12/03/2022	ND	203	101	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	ND					

Surrogate: 1-Chlorooctane 91.6 % 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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**Analytical Results For:**

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

Received: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-016-01.0-NA-P (H225608-16)**

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	12/02/2022	ND	2.07	103	2.00	5.53		
Toluene*	<0.050	0.050	12/02/2022	ND	2.10	105	2.00	3.99		
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.14	107	2.00	4.75		
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.43	107	6.00	4.77		
Total BTEx	<0.300	0.300	12/02/2022	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	<16.0	16.0	12/02/2022	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	12/03/2022	ND	213	106	200	1.39	
DRO >C10-C28*	<10.0	10.0	12/03/2022	ND	203	101	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	ND					

Surrogate: 1-Chlorooctane 104 % 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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-017-01.0-NA-P (H225608-17)**

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	12/02/2022	ND	2.07	103	2.00	5.53		
Toluene*	<0.050	0.050	12/02/2022	ND	2.10	105	2.00	3.99		
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.14	107	2.00	4.75		
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.43	107	6.00	4.77		
Total BTEx	<0.300	0.300	12/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	12/02/2022	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	12/03/2022	ND	213	106	200	1.39	
DRO >C10-C28*	<10.0	10.0	12/03/2022	ND	203	101	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	ND					

Surrogate: 1-Chlorooctane 101 % 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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-018-01.0-NA-P (H225608-18)**

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	12/02/2022	ND	2.07	103	2.00	5.53		
Toluene*	<0.050	0.050	12/02/2022	ND	2.10	105	2.00	3.99		
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.14	107	2.00	4.75		
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.43	107	6.00	4.77		
Total BTEX	<0.300	0.300	12/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	12/02/2022	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	12/02/2022	ND	214	107	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	183	91.5	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2022	ND					

Surrogate: 1-Chlorooctane 86.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.1 % 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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-019-01.0-NA-P (H225608-19)**

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	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	12/03/2022	ND	2.30	115	2.00	4.09	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.33	117	2.00	3.99	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	7.04	117	6.00	3.98	
Total BTX	<0.300	0.300	12/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	160	16.0	12/02/2022	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	12/02/2022	ND	214	107	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	183	91.5	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2022	ND					

Surrogate: 1-Chlorooctane 85.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.0 % 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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-020-01.0-NA-P (H225608-20)**

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	2.17	108	2.00	2.29		
Toluene*	<0.050	0.050	12/03/2022	ND	2.30	115	2.00	4.09		
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.33	117	2.00	3.99		
Total Xylenes*	<0.150	0.150	12/03/2022	ND	7.04	117	6.00	3.98		
Total BTX	<0.300	0.300	12/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	12/02/2022	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	12/02/2022	ND	214	107	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	183	91.5	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.4 % 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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-021-01.0-NA-P (H225608-21)**

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	12/03/2022	ND	2.17	108	2.00	2.29		
Toluene*	<0.050	0.050	12/03/2022	ND	2.30	115	2.00	4.09		
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.33	117	2.00	3.99		
Total Xylenes*	<0.150	0.150	12/03/2022	ND	7.04	117	6.00	3.98		
Total BTEx	<0.300	0.300	12/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	12/02/2022	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	12/02/2022	ND	214	107	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	183	91.5	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2022	ND					

Surrogate: 1-Chlorooctane 94.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.1 % 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:	11/30/2022	Sampling Date:	11/29/2022
Reported:	12/05/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	LEA CO., NM	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-022-01.0-NA-P (H225608-22)**

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	2.17	108	2.00	2.29		
Toluene*	<0.050	0.050	12/03/2022	ND	2.30	115	2.00	4.09		
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.33	117	2.00	3.99		
Total Xylenes*	<0.150	0.150	12/03/2022	ND	7.04	117	6.00	3.98		
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	32.0	16.0	12/02/2022	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	12/02/2022	ND	214	107	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	183	91.5	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2022	ND					

Surrogate: 1-Chlorooctane 81.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.7 % 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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-023-01.0-NA-P (H225608-23)**

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	12/03/2022	ND	2.17	108	2.00	2.29		
Toluene*	<0.050	0.050	12/03/2022	ND	2.30	115	2.00	4.09		
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.33	117	2.00	3.99		
Total Xylenes*	<0.150	0.150	12/03/2022	ND	7.04	117	6.00	3.98		
Total BTEx	<0.300	0.300	12/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	12/02/2022	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	12/02/2022	ND	214	107	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	183	91.5	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.6 % 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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-024-01.0-NA-P (H225608-24)**

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	12/03/2022	ND	2.17	108	2.00	2.29		
Toluene*	<0.050	0.050	12/03/2022	ND	2.30	115	2.00	4.09		
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.33	117	2.00	3.99		
Total Xylenes*	<0.150	0.150	12/03/2022	ND	7.04	117	6.00	3.98		
Total BTX	<0.300	0.300	12/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	12/02/2022	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	12/02/2022	ND	214	107	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	183	91.5	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2022	ND					

Surrogate: 1-Chlorooctane 80.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.4 % 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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-025-01.0-NA-P (H225608-25)**

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	2.17	108	2.00	2.29		
Toluene*	<0.050	0.050	12/03/2022	ND	2.30	115	2.00	4.09		
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.33	117	2.00	3.99		
Total Xylenes*	<0.150	0.150	12/03/2022	ND	7.04	117	6.00	3.98		
Total BTEx	<0.300	0.300	12/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	12/02/2022	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	12/02/2022	ND	214	107	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	183	91.5	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2022	ND					

Surrogate: 1-Chlorooctane 88.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.2 % 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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-026-01.0-NA-P (H225608-26)**

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	2.17	108	2.00	2.29		
Toluene*	<0.050	0.050	12/03/2022	ND	2.30	115	2.00	4.09		
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.33	117	2.00	3.99		
Total Xylenes*	<0.150	0.150	12/03/2022	ND	7.04	117	6.00	3.98		
Total BTEx	<0.300	0.300	12/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	12/02/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2022	ND	214	107	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/02/2022	ND	183	91.5	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2022	ND					

Surrogate: 1-Chlorooctane 89.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.7 % 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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-027-01.0-NA-P (H225608-27)**

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	2.17	108	2.00	2.29		
Toluene*	<0.050	0.050	12/03/2022	ND	2.30	115	2.00	4.09		
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.33	117	2.00	3.99		
Total Xylenes*	<0.150	0.150	12/03/2022	ND	7.04	117	6.00	3.98		
Total BTEX	<0.300	0.300	12/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	256	16.0	12/02/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	ND	214	107	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/03/2022	ND	183	91.5	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	ND					

Surrogate: 1-Chlorooctane 99.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.7 % 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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-028-01.0-NA-P (H225608-28)**

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	2.17	108	2.00	2.29		
Toluene*	<0.050	0.050	12/03/2022	ND	2.30	115	2.00	4.09		
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.33	117	2.00	3.99		
Total Xylenes*	<0.150	0.150	12/03/2022	ND	7.04	117	6.00	3.98		
Total BTX	<0.300	0.300	12/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	12/02/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	ND	214	107	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/03/2022	ND	183	91.5	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	ND					

Surrogate: 1-Chlorooctane 94.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.0 % 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:	11/30/2022	Sampling Date:	11/29/2022
Reported:	12/05/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	LEA CO., NM	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-029-01.0-NA-P (H225608-29)**

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	2.17	108	2.00	2.29		
Toluene*	<0.050	0.050	12/03/2022	ND	2.30	115	2.00	4.09		
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.33	117	2.00	3.99		
Total Xylenes*	<0.150	0.150	12/03/2022	ND	7.04	117	6.00	3.98		
Total BTX	<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	32.0	16.0	12/02/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	ND	214	107	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/03/2022	ND	183	91.5	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	ND					

Surrogate: 1-Chlorooctane 82.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.7 % 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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-030-01.0-NA-P (H225608-30)**

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	2.17	108	2.00	2.29	
Toluene*	<0.050	0.050	12/03/2022	ND	2.30	115	2.00	4.09	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.33	117	2.00	3.99	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	7.04	117	6.00	3.98	
Total BTEx	<0.300	0.300	12/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	12/02/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	ND	214	107	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/03/2022	ND	183	91.5	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	ND					

Surrogate: 1-Chlorooctane 93.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.4 % 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: 11/30/2022  
 Reported: 12/05/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: LEA CO., NM  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 11/29/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-031-01.0-NA-P (H225608-31)**

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	2.17	108	2.00	2.29		
Toluene*	<0.050	0.050	12/03/2022	ND	2.30	115	2.00	4.09		
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.33	117	2.00	3.99		
Total Xylenes*	<0.150	0.150	12/03/2022	ND	7.04	117	6.00	3.98		
Total BTEx	<0.300	0.300	12/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	48.0	16.0	12/02/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	ND	214	107	200	1.35	
DRO >C10-C28*	<10.0	10.0	12/03/2022	ND	183	91.5	200	3.98	
EXT DRO >C28-C36	<10.0	10.0	12/03/2022	ND					

Surrogate: 1-Chlorooctane 97.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.1 % 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".

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Celey D. Keene, Lab Director/Quality Manager

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CARDINAL Laboratories																			
						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 Owner: (see below)																			
Project Name: Boondock 3 Frac Line dan@trinityoilfieldservices.com																			
Project Location: Lea Co., NM Phone #: Fax #:																			
Sample Name: KA MATRIX PRESERV. SAMPLING																			
FOR LAB USE ONLY																			
H325C08 Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER :	DATE	TIME	Chloride	TPH	BTEX										
CF-021-01.0-NA-P	C 1	X			11/29/2022	1120	X	X	X										
CF-022-01.0-NA-P	C 1	X			11/29/2022	1130	X	X	X										
CF-023-01.0-NA-P	C 1	X			11/29/2022	1140	X	X	X										
CF-024-01.0-NA-P	C 1	X			11/29/2022	1150	X	X	X										
CF-025-01.0-NA-P	C 1	X			11/29/2022	1200	X	X	X										
CF-026-01.0-NA-P	C 1	X			11/29/2022	1210	X	X	X										
CF-027-01.0-NA-P	C 1	X			11/29/2022	1220	X	X	X										
CF-028-01.0-NA-P	C 1	X			11/29/2022	1230	X	X	X										
CF-029-01.0-NA-P	C 1	X			11/29/2022	1240	X	X	X										
CF-030-01.0-NA-P	C 1	X			11/29/2022	1250	X	X	X										
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Relinquished By: [Signature]		Date: 11-30-22	Received By: [Signature]		Time: 11:35 AM														
Reinquired By:		Date:	Received By:		Time:														
REMARKS:																			
All Results are emailed. Please provide Email address:																			
Turnaround Time: Standard X Bacteria (only) Sample Condition Cool Intact Corrected Temp. °C																			
Thermometer ID #113 Correction Factor -0.6 °C Yes No Add'l Phone #:																			



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December 12, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: BOONDOCK 3 FRAC LINE

Enclosed are the results of analyses for samples received by the laboratory on 12/05/22 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://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:	12/05/2022	Sampling Date:	12/02/2022
Reported:	12/12/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-045-01.0-NA-P (H225692-01)**

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	12/08/2022	ND	2.09	105	2.00	2.61	
Toluene*	<0.050	0.050	12/08/2022	ND	2.19	110	2.00	2.86	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.13	107	2.00	2.10	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.50	108	6.00	2.48	
Total BTX	<0.300	0.300	12/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	12/08/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	194	96.9	200	4.87	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	168	84.1	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					

Surrogate: 1-Chlorooctane 98.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.4 % 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: 12/05/2022  
 Reported: 12/12/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 12/02/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-046-01.0-NA-P (H225692-02)**

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	12/08/2022	ND	2.09	105	2.00	2.61		
Toluene*	<0.050	0.050	12/08/2022	ND	2.19	110	2.00	2.86		
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.13	107	2.00	2.10		
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.50	108	6.00	2.48		
Total BTEx	<0.300	0.300	12/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	12/08/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	194	96.9	200	4.87	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	168	84.1	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					

Surrogate: 1-Chlorooctane 89.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.0 % 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: 12/05/2022  
 Reported: 12/12/2022  
 Project Name: BOONDOCK 3 FRAC LINE  
 Project Number: NOT GIVEN  
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 12/02/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CF-047-01.0-NA-P (H225692-03)**

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	12/08/2022	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	12/08/2022	ND	2.21	111	2.00	4.05	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.14	107	2.00	3.49	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.56	109	6.00	3.47	
Total BTX	<0.300	0.300	12/08/2022	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	80.0	16.0	12/08/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	194	96.9	200	4.87	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	168	84.1	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					

Surrogate: 1-Chlorooctane 92.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.5 % 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:	12/05/2022	Sampling Date:	12/02/2022
Reported:	12/12/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-048-01.0-NA-P (H225692-04)**

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	12/08/2022	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	12/08/2022	ND	2.21	111	2.00	4.05	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.14	107	2.00	3.49	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.56	109	6.00	3.47	
Total BTX	<0.300	0.300	12/08/2022	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	96.0	16.0	12/08/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	194	96.9	200	4.87	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	168	84.1	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.0 % 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:	12/05/2022	Sampling Date:	12/02/2022
Reported:	12/12/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-049-01.0-NA-P (H225692-05)**

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	12/08/2022	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	12/08/2022	ND	2.21	111	2.00	4.05	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.14	107	2.00	3.49	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.56	109	6.00	3.47	
Total BTX	<0.300	0.300	12/08/2022	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	48.0	16.0	12/08/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	194	96.9	200	4.87	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	168	84.1	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					

Surrogate: 1-Chlorooctane 79.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.5 % 46.3-178

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\*=Accredited Analyte

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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:	12/05/2022	Sampling Date:	12/02/2022
Reported:	12/12/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-050-01.0-NA-P (H225692-06)**

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	12/08/2022	ND	2.10	105	2.00	3.22		
Toluene*	<0.050	0.050	12/08/2022	ND	2.21	111	2.00	4.05		
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.14	107	2.00	3.49		
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.56	109	6.00	3.47		
Total BTEx	<0.300	0.300	12/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	12/08/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	194	96.9	200	4.87	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	168	84.1	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					

Surrogate: 1-Chlorooctane 58.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 56.1 % 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:	12/05/2022	Sampling Date:	12/02/2022
Reported:	12/12/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-051-01.0-NA-P (H225692-07)**

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	12/08/2022	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	12/08/2022	ND	2.21	111	2.00	4.05	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.14	107	2.00	3.49	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.56	109	6.00	3.47	
Total BTX	<0.300	0.300	12/08/2022	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	32.0	16.0	12/08/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	194	96.9	200	4.87	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	168	84.1	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					

Surrogate: 1-Chlorooctane 69.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 67.8 % 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:	12/05/2022	Sampling Date:	12/02/2022
Reported:	12/12/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CF-052-01.0-NA-P (H225692-08)**

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	12/08/2022	ND	2.10	105	2.00	3.22	
Toluene*	<0.050	0.050	12/08/2022	ND	2.21	111	2.00	4.05	
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.14	107	2.00	3.49	
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.56	109	6.00	3.47	
Total BTX	<0.300	0.300	12/08/2022	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	16.0	16.0	12/08/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	194	96.9	200	4.87	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	168	84.1	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					

Surrogate: 1-Chlorooctane 88.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.8 % 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:	12/05/2022	Sampling Date:	12/02/2022
Reported:	12/12/2022	Sampling Type:	Soil
Project Name:	BOONDOCK 3 FRAC LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

**Sample ID: CW-001-00.5-NA-P (H225692-09)**

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	12/08/2022	ND	2.10	105	2.00	3.22		
Toluene*	<0.050	0.050	12/08/2022	ND	2.21	111	2.00	4.05		
Ethylbenzene*	<0.050	0.050	12/08/2022	ND	2.14	107	2.00	3.49		
Total Xylenes*	<0.150	0.150	12/08/2022	ND	6.56	109	6.00	3.47		
Total BTEx	<0.300	0.300	12/08/2022	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	<16.0	16.0	12/08/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2022	ND	194	96.9	200	4.87	
DRO >C10-C28*	<10.0	10.0	12/07/2022	ND	168	84.1	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	12/07/2022	ND					

Surrogate: 1-Chlorooctane 88.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.2 % 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 "Celey D. Keene".

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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: Menbourne Oil Co.							
City: Hobbs				Attn: Corcor Walker							
Phone #:				Address:							
Project #:				City:							
Project Name: Boodock 3 Frac Line				State: NM Zip: 88241							
Project Location: Lea Co., NM				Fax #:							
Sample Name: KA				Phone #:							
FOR LAB USE ONLY				Matrix							
				PRESERV.							
				SAMPLING							
Lab I.D. Sample I.D.				(G)RAB OR (C)OMP.							
				# CONTAINERS							
				GROUNDWATER							
				WASTEWATER							
				SOIL							
				OIL							
				SLUDGE							
				OTHER :							
				ACID/BASE:							
				ICE / COOL							
				OTHER :							
				DATE							
				TIME							
1				CF-045-01.0-NA-P				X			
2				CF-046-01.0-NA-P				X			
3				CF-047-01.0-NA-P				X			
4				CF-048-01.0-NA-P				X			
5				CF-049-01.0-NA-P				X			
6				CF-050-01.0-NA-P				X			
7				CF-051-01.0-NA-P				X			
8				CF-052-01.0-NA-P				X			
9				CW-001-00.5-NA-P				X			

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Relinquished By: Date: 12-5-22 Time: 1400 Received By: Verbal Result: Yes No Add'l Phone #: All Results are emailed. Please provide Email address:

Relinquished By: Date: Received By: REMARKS:

Delivered By: (Circle One) Observed Temp. °C -3.0 Corrected Temp. °C -3.6 Sample Condition Cool Intact Yes No CHECKED BY: (Initials) Turnaround Time: Standard X Bacteria (only) Sample Condition Cool Intact Yes No Observed Temp. °C Corrected Temp. °C

Sampler - UPS - Bus - Other:



**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 183317

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 183317
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

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