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Oil Conservation Division

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	_ <sub>Title:</sub> Sr. Engineer
Signature:	Date:
email: cwalker@mewbourne.com	Telephone: 806-202-5281
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations.
Closure Approved by:	Date:
Printed Name:	Title:

Received by OCD: 2/6/2023 3:52:533 PMM Form C-141 State of New Mexico

Oil Conservation Division

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

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

### Characterization Report Checklist: Each of the following items must be included in the report.

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- $\boxtimes$ 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.

Course of New Marian			Pugg 3 of 153
Received by OCD: 2/6/2023 3 152:533 (PM,M) State of New Mexico		Incident ID	NAPP2209756555
Page 4 Oil Conservation Divisio	n	District RP	
		Facility ID	
		Application ID	
I hereby certify that the information given above is true and complete to t regulations all operators are required to report and/or file certain release r public health or the environment. The acceptance of a C-141 report by th failed to adequately investigate and remediate contamination that pose a t addition, OCD acceptance of a C-141 report does not relieve the operator and/or regulations. Printed Name: Connor Walker Signature: Connor Walker email: cwalker@mewbourne.com	otifications and perform c e OCD does not relieve the hreat to groundwater, surfa of responsibility for comp 	orrective actions for rele e operator of liability sh ace water, human health liance with any other fe	eases which may endanger ould their operations have or the environment. In
OCD Only			
Received by:	Date:		

Received by OCD: 2/6/2023 3:52:53 PMM State of New Mexico

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Oil Conservation Division

<u>Remediation Plan Checklist</u>: Each of the following items must be included in the plan.

Incident ID	NAPP2209756555
District RP	
Facility ID	
Application ID	

# **Remediation 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 Telephone: 806-202-5281 cwalker@mewbourne.com email: **OCD Only** Received by: Date: Approved Approved with Attached Conditions of Approval Denied Deferral Approved ennifer Nobui 07/05/2022 Date: Signature:

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

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

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	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

Action 119060

# Trinity Oilfield Services & Rentals, LLC



January 23rd, 2023

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

## Re: Closure RequestMewbourne 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  $1/_2$  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:**

Delineation Summary						
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:**

Remediation Summary					
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 Dan Dunkelberg

Project Manager



Wed, Nov 16, 2022 at 8:29 AM

# 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>

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> Wed, Nov 16, 2022 at 10:22 AM To: Dan Dunkelberg <dan@trinityoilfieldservices.com> Cc: "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Nobui, Jennifer, EMNRD" <Jennifer.Nobui@emnrd.nm.gov>

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

http:// www.emnrd.nm.gov



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

[Quoted text hidden]



# **Excavation**







# Excavation







# **Excavation**





	D SERVICES	
	SM4500CI-B	
PH ,-C <sub>36</sub> g/Kg)	CHLORIDE (mg/Kg)	
00	600	
10.0	64.0	

Received by OCD: 2/6/2023.3:52:33 (PMM)

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

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

							EPA SW	-846 Method	d 8021B			<b>I</b>	EPA SV	/-846 Meth	od 8015M		SM4500CI-B
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	(mg/Kg)	M,P- XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	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
		4/0/0000		1 01	-0.050		Vertical Delin			-0.450	.0.000		.40.0	.10.0	.40.0	.10.0	
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	48.0 256
	1'	4/8/2022 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	
SP - 3 @ SURFACE	0'		Grab	In-Situ	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	-	-	<0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	192 192
SP - 3 @ 1'	0'	4/8/2022	Grab	In-Situ	<0.050	< 0.050	< 0.050	-	-	<0.150 <0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	960
SP - 4 @ SURFACE SP - 4 @ 1'	1'	4/8/2022 4/8/2022	Grab Grab	In-Situ In-Situ	<0.050	< 0.050	< 0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SP - 4 @ 1 SP - 5 @ SURFACE	0'	4/8/2022	Grab	In-Situ 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 @ 30RFACE	1'	4/8/2022	Grab	In-Situ In-Situ	<0.050	< 0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SP-5 @ 1 SP-6 @ SURFACE	0'	4/8/2022	Grab	In-Situ In-Situ	< 0.050	< 0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240 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-0 @ 1 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
	•		· · · ·	1			orizontal Del	ineation									
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

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OILFIELD SERVICES

# 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)
	NMOCD CI	osure Limits F	Pad		600	100	NE	NE	NE	NE	50	10
NMC	NMOCD Closure Limits Pasture to 4' & Walls					100	NE	NE	NE	NE	50	10
					Remediatio	on Floors						
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

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OILFIELD SERVICES

# 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)
	NMOCD C	losure Limits F	Pad		600	100	NE	NE	NE	NE	50	10
NMC	CD Closure Li	imits Pasture t	o 4' & Walls		600	100	NE	NE	NE	NE	50	10
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)
	NMOCD CI	osure Limits F	Pad		600	100	NE	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4' & Walls				600	100	NE	NE	NE	NE	50	10	
CF-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
					Remediati	on Walls						
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









32.155041, -104.070911 Eddy County, New Mexico NMOCD Reference # NAPP2209756555



# NAPP2209756555 | BOONDOCK 3 FRAC LINE



6/20/2022, 2:27:10 PM

GIS WATERS PODs •

• Active

Pending

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OSE District Boundary

Incomplete SiteBoundaries



Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, U.S. Department of Energy Office of Legacy Management

# NAPP2209756555 | BOONDOCK 3 FRAC LINE



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

Karst Occurrence Potential





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

New Mexico Oil Conservation Division

# Received by OCD: 2/6/2023 3152:33 (PMM National Flood Hazard Layer FIRMette



# Legend

# Page 24 26 153



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2.000

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

regulatory purposes.

Received by OCD: 2/6/2023 3:52:33 PM M U.S. Fish and Wildlife Service



# National Wetlands Inventory

# Page 2530f 153 NAPP2209756555 | BOONDOCK 3 FRAC



## June 20, 2022

#### Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Forested/Shrub Wetland

Freshwater Emergent 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.

Received by OCD: 2/6/2023 23:15/2:33 (PM M



Released to Imaging: 2/22/2023 1:02:384PM

Web Soil Survey National Cooperative Soil Survey

6/20/2022 Page 1 of 3

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

MAP L	EGEND	MAP INFORMATION
Area of Interest (AOI) Area of Interest (AOI) Soils	<ul> <li>Spoil Area</li> <li>Stony Spot</li> <li>Very Stony Spot</li> </ul>	The soil surveys that comprise your AOI were mapped at 1:20,000. Warning: Soil Map may not be valid at this scale.
<ul> <li>Soil Map Unit Polygons</li> <li>Soil Map Unit Lines</li> <li>Soil Map Unit Points</li> <li>Special Point Features</li> </ul>	<ul> <li>№ Very Stony Spot</li> <li>♥ Wet Spot</li> <li>△ Other</li> <li>✓ Special Line Features</li> </ul>	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.
Blowout Blowout Clay Spot	Water Features Streams and Canals Transportation HII Rails	Please rely on the bar scale on each map sheet for map measurements. Source of Map: Natural Resources Conservation Service
<ul> <li>Closed Depression</li> <li>Gravel Pit</li> <li>Gravelly Spot</li> </ul>	<ul> <li>Interstate Highways</li> <li>US Routes</li> <li>Major Roads</li> </ul>	Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857) Maps from the Web Soil Survey are based on the Web Mercato projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as th
<ul> <li>Landfill</li> <li>Lava Flow</li> <li>Marsh or swamp</li> <li>Mine or Quarry</li> </ul>	Local Roads  Background  Aerial Photography	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 of the version date(s) listed below.
<ul> <li>Mine or Quarry</li> <li>Miscellaneous Water</li> <li>Perennial Water</li> <li>Rock Outcrop</li> </ul>		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.
Saline Spot Sandy Spot Severely Eroded Spot		Date(s) aerial images were photographed: Feb 27, 2020—Fe 28, 2020 The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background
<ul> <li>Sinkhole</li> <li>Slide or Slip</li> <li>Sodic Spot</li> </ul>		imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

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

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# Map Unit Legend

	1		
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%





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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	70.1	% 59.5-14	•						

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Celey D. Keene, Lab Director/Quality Manager



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P. O. BOX 2587						
HOBBS NM,	88241					
Fax To:	NONE					
	DAN DUNKE P. O. BOX 25 HOBBS NM,	HOBBS NM, 88241				

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)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	74.3	% 59.5-14	2						

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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)

BTEX 8021B	mg	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	76.8	% 59.5-14	2						

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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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	67.2	% 59.5-14	2						

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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)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	72.9	% 59.5-14	2						

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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)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.0	% 59.5-14	2						

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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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	73.4	% 59.5-14	2						

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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)

BTEX 8021B	mg,	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	68.2	% 59.5-14	2						

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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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	78.8	% 59.5-14	2						

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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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.7	% 59.5-14	2						

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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)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	78.2	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.4	% 59.5-14	2						

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P. O. BOX 2	587	
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 @ 1' (H221546-13)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.3	% 59.5-14	2						

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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)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.9	% 59.5-14	2						

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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)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.5	% 59.5-14	2						

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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)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.2	% 59.5-14	2						

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P. O. BOX 2	587	
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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.6	% 59.5-14	2						

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P. O. BOX 2	587	
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)

BTEX 8021B	mg,	′kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.6	% 59.5-14	2						

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P. O. BOX 2	587	
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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.3	% 59.5-14	2						

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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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.4	% 59.5-14	2						

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P. O. BOX 2	587	
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 - 7 @ SURFACE (H221546-21)

BTEX 8021B	mg/	′kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.5	% 59.5-14	2						

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DAN DUNKE	ELBERG	
P. O. BOX 2	587	
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 - 7 @ 2' (H221546-22)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.7	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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P. O. BOX 2	587	
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)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/19/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101	% 59.5-14	2						

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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)

BTEX 8021B	mg/	′kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	04/19/2022	ND	416	104	400	3.92	QM-07
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.8	% 59.5-14	2						

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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)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	82.9	% 59.5-14	2						

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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)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	103 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/19/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.0	% 59.5-14	2						

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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)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3160	16.0	04/19/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.8	% 59.5-14	2						

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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)

BTEX 8021B	mg,	′kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	76.4	% 59.5-14	2						

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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)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.6	% 59.5-14	2						

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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)

BTEX 8021B	mg/	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/19/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.0	% 59.5-14	2						

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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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/19/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.2	% 59.5-14	2						

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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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.3	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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DAN DUNKE	ELBERG	
P. O. BOX 2	.587	
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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/19/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.8	% 59.5-14	2						

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P. O. BOX 2	587	
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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/19/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.8	% 59.5-14	2						

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P. O. BOX 2	587	
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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/19/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.2	% 59.5-14	2						

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P. O. BOX 2	587	
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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/19/2022	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	108	% 59.5-14	2						

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P. O. BOX 2	587	
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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.8	% 59.5-14	2						

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P. O. BOX 2	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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/19/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.9	% 59.5-14	2						

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P. O. BOX 2	587	
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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/19/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.3	% 59.5-14	2						

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P. O. BOX 2	587	
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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	104 9	% 59.5-14	2						

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P. O. BOX 2	587	
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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/19/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.7	% 59.5-14	2						

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TRINITY OILFIELD SERVICES & RENTALS, LLC	2
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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/19/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.5	% 59.5-14	2						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY OI	LFIELD SERVICES & RENTALS, LLC	
DAN DUNKE	LBERG	
P. O. BOX 2	587	
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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.7	% 59.5-14	2						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager


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

# **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

#### **Cardinal Laboratories**

## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

e#:     Fax #:     Fax #:     Fax #:     Fax #:     Address:       ct #:     Boundocks Battery     dan@trinityoiffieldservices.com     State:     It       ct mame:     Boundocks Battery     dan@trinityoiffieldservices.com     State:     It       ct Name:     KA     Fax #:     Project Owner:     (see below)     State:     It       ct Location:     Eddy Co., NM     Fax #:     Fax #:     Fax #:     Fax #:       ler Name:     KA     Sample I.D.     Sample I.D.     MATRIX     PRESERV.       b I.D.     SP-1 @ Surface     G     1     X     I     I       a USE ONLY     SP-1 @ Surface     G     1     X     I     I     I       data     SP-1 @ 1'     G     1     X     I	Hobs     State:     NM     Zip:     Randowse Oil Co.       Boondocks Battery     For #:     Project Owner:     (see below)     City:     Address:       m:     Eddy Co., NIM     Project Owner:     (see below)     City:     Fax #:     Address:       m:     Eddy Co., NIM     Project Owner:     (see below)     City:     Fax #:     Zip:     Fax #:     F
Number     State:     NM     Zip:     Robie Runnels       Boondocks Battery     Fax #:     Project Owner:     (see below)     City:     Address:       m:     Eddy Co., NM     Image:	Hobs     State:     NM     Zip:     Boundocks     Battery     Fax #:     Address:     Robbie Runnels       mr:     Eddy Co., NM     Project Owner:     (see below)     City:     Address:     Project Owner:     Robbie Runnels       mr:     Eddy Co., NM     Image: Tripic Ima
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Number     State:     NM     Zip:     Rest     Address:       Boondocks Battery     Fax #:     an@trinityoilfieldservices.com     State:     Zip:     image: State:     Zip:     Zip:     image: State:     Zip:     Zip:     image: State:     Zip:     Z	Hobbs     State:     NM     Zip:     R8241     Attn:     Robbie Runnels       m:     Eddy Co., NM     Fax #:     Fax #:     Address:     Project Owner:     (see below)     City:     Address:     Project Owner:     Robbie Runnels       m:     Eddy Co., NM     MarRix     Project Owner:     (see below)     State:     Zip:     Project Owner:     Fax #:     Fax #:     Fax #:     Fax
Number     State:     NM     Zip:     88241     Attn:     Robbie Runnels       Boondocks Battery     Project Owner:     (see below)     City:     Address:     Project Owner:     Robbie Runnels       In:     Eddy Co., NM     dan@trinilyoilfieldservices.com     State:     Zip:     Phone #:     Project Owner:     Fax #:     Phone #:     Fax #: <td>Hobis     State:     NM     Zip:     Reg211     Attn:     Robine Runnels       Boondocks Battery     Fax #:     Fax #:     Fax #:     Address:     Project Owner:     Ready Co., NM     Report Owner:     Ready:     Report Owner:     Ready:     Report Owner:     ReportOwner</td>	Hobis     State:     NM     Zip:     Reg211     Attn:     Robine Runnels       Boondocks Battery     Fax #:     Fax #:     Fax #:     Address:     Project Owner:     Ready Co., NM     Report Owner:     Ready:     Report Owner:     Ready:     Report Owner:     ReportOwner
NIL     State:     NIL     State:     NIL     Robbie Runnels       Boondocks Battery     Fax #:     Fax #:     Address:     Address:     Address:       In:     Eddy Co., NIM     In@trinilyoilfieldservices.com     State:     Zip:     Project Owner:     Robbie Runnels       In:     Eddy Co., NIM     In@trinilyoilfieldservices.com     State:     Zip:     Fax #:     Fax #: <td>Hobbs     State:     NM     Zip:     Respective     Address:       Boondocks Battery     Fax #:     Fax #:     Address:     Address:     Address:       m:     Eddy Co., NM     an@trinityoilfieldservices.com     State:     Zip:     Fax #:     F</td>	Hobbs     State:     NM     Zip:     Respective     Address:       Boondocks Battery     Fax #:     Fax #:     Address:     Address:     Address:       m:     Eddy Co., NM     an@trinityoilfieldservices.com     State:     Zip:     Fax #:     F
NIP     Boondocks Battery     State:     NM     Zip:     88241     Attn:     Robbie Runnels       In:     Eddy Co., NM     Fax #:     Image: Fax #:     Project Owner:     (see below)     City:     Address:     Address:     Project Owner:     (see below)     City:     Image: Fax #:	Hobs     State:     NM     Zip:     Respective     Mathematical state     Respective     Mathematical state     Respective     Mathematical state     Respective     Mathematical state     Respective     Respective     Mathematical state     Respective
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Project Manager: Dan Dunkelberg		PO #					ANALYSIS REQUEST	ST -
Address: 8426 N Dal Paso								
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PLEASE NOTE: Liability and Damages. Cardinal's liability and client	ity and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or lost shall be limited to the operational state of the second state	cl or lort shall he limited to the amount	122 1000	× ×	×			
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							Phone #:					Eddy Co., NM	Project Location:	-
						Zip:	State:		dservice	dan@trinityoilfieldservices.com	dan@tr	Boondocks Battery	Project Name:	-
							City:		(see below)	Owner:	Project Owner:		Project #:	-
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				-		RILLTO					es	Trinity Oilfield Services	Company Name:	
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Page 49 of 50

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			ampler - UPS - Bus - Other:		Delivered By: (Circle One)		¢	Relinquished By:	X		Relinquished By:	affiliates or superssors arising out of or rea	service. In no event shall Cardinal be liable	PLEASE NOTE: Liability and Damages. C. analyses. All claims including those for negl	1			•	•		H3 SP-12 E @ 2'	42 SP-12 W @ 2'			Hanste Lab I.D.	FUN LHB USE ONLY	Complet Hallie, NA	17			Deninol 4.	Phone #			Project Mananar: Dan [		Laboratories
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obt verbar cridit	ant worked allow	4.0	4	(Initial)	CHECKEN			1	AM O		)	ss of use, or loss of profit based upon any of the a	eceived by Cardinal with	or tort, shall be limited to						4/		4/1		AC ICE OTI	HER : HD/BASE: E / COOL HER :	PRESERV.	Fax #:	Phone #:		City:	Address:		Company: N	P.O. #:	-		
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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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	04/14/2022	Sampling Date:	04/13/2022
Reported:	04/20/2022	Sampling Type:	Soil
Project Name:	BOONDOCKS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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 BTEX	<0.300	0.300	04/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	114 9	% 59.5-14	2						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **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

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

m consected temp; .C	-	inallabsnr	eene@card	s to celey.k	† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	anges. Pleas	ept verbal cha	cannot accu	† Cardinal			
				0° 5	Correction Factor -0.5 °C	0	0	No No	0	1		
Yes	Yes	Г			Thermometer ID #113	17	X		1º	Corrected Temp. °C		or or bush officer
oampie Co	Copl		Rush				(Initials)	Cool Intact				mpler - []PS - Rive - Of
	Restoria (	X	Standard		Turnaround Time:		CHECKED BY:	Sample Condition	Sample	Observed Temp, °C		Delivered By: (Circle One)
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							Address:			Project Durn		Project #:
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					UII CO,	Robbie Dimole	Attn:	88241	Zip: 88	State: NM	Hobbs	City:
						Marthan	Company				8426 N Dal Paso	Address:
ANALYSIS REQUEST	ANALYSIS						P.O. #:				Dan Dunkelberg	lanager:
						BILL TO					Company Name: Trinity Oilfield Services	Company Name:
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	-CUSTODY AI	IN-OF-	CHA					NM 88240 393-2476	FAX (575)	(575) 393-2326 FAX (575) 393-2476	ratories (5)	Labo
										A Prop & Barris	CARDINAL	CAR

Page 4 of 4



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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.3	% 46.3-17	8						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY OI	FIELD 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-033-01.0-NA-P (H225724-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/10/2022	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	73.3	% 46.3-17	8						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY OI	FIELD 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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.2	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY OI	LFIELD SERVICES & RENTALS, LLC					
dan dunke	LBERG					
P. O. BOX 2587						
HOBBS NM,	88241					
Fax To:	NONE					
HOBBS NM,	88241					

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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	80.2	% 46.3-17	8						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY OII	FIELD SERVICES & RENTALS, LLC					
DAN DUNKE	LBERG					
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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	72.3	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	12/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.5	% 46.3-17	8						

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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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.8	% 46.3-17	8						

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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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	75.8	% 46.3-17	8						

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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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	62.9	% 46.3-17	8						

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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-041-01.0-NA-P (H225724-10)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	71.0	% 46.3-17	8						

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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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.6	% 46.3-17	8						

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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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/08/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.7	% 46.3-17	8						

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HOBBS NM,	88241	
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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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/09/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2022	ND	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.4	% 46.3-17	8						

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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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/09/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2022	ND	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	55.7	% 46.3-17	8						

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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-003-00.5-NA-P (H225724-15)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/09/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2022	ND	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	69.6	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY OI	LFIELD SERVICES & RENTALS, LLC			
DAN DUNKE	ELBERG			
P. O. BOX 2	587			
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	Analyze	d 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 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/09/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2022	ND	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	72.6	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Y OILFIELD SERVICES & RENTALS, LLC	
JNKELBERG	
DX 2587	
NM, 88241	
NONE	
0	Y OILFIELD SERVICES & RENTALS, LLC UNKELBERG OX 2587 NM, 88241 : 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)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/09/2022	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	115 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/09/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2022	ND	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	65.1	% 46.3-17	8						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 20 of 21

Labo	Laboratories	(575) 393-2326 FAX (575) 393-2476	( (57	75) 393-2476							AN	ANALYSIS REQUEST	REQUE	TSI		
Company Name:	Trinity Oilfield Services					BILL TO	-	-		-	-	ALION	DEWC.			_
	Dan Dunkelberg				P.O. #:											
Address:	8426 N Dal Paso				Company:	Mewbourne Oil Co.	Co.								-	
	Hobbs	State: NM Zi	Zip:	88241	Attn:	Connor Walker										
e #:		Fax #:			Address:											
Project #:		Project Owner:	(se	(see below)	City:											
ame:	Boondock 3 Frac Line	dan@trinityoilfieldservices.com	elds	ervices.com	State:	Zip:										
8	Lea Co., NM				Phone #:											
Sampler Name:	KA				Fax #:									-		
			-	MATRIX	PRESERV.	SAMPLING	ING									
		CYONE		TER												
H225724		RAB OR (0	ONTAINER	OUNDWAT STEWATE	HER : ID/BASE: E / COOL 'HER :			hloride	PH	TEX						
Lab I.D.	Sample I.D.		-	GR WA SO	OT AC ICE	DATE	TIME	+	+	×B	+	+	+	+		
11	CF-042-01.0-NA-P		-	< >		12/5/2022		×	-	×						
21	CF-043-01.0-NA-P		+	. >		40/2/0000		×	+	×						
21	3 CF-044-01.0-NA-P			× >		12/5/2022		×		×						
14	CW-UUZ-UU.J-INA-D		-			12/5/2022		×	×	×				+		
1	CW-004-00.5-NA-P		0			12/5/2022		×	×	×	-	-		+		
11	CW-005-00.5-NA-P		C 1	×		12/5/2022		×	×	×	-	+	+	+		
	1								-	-	+	+	+	+		
	-		-								+	+	+	-		
	1		-						-	-	-	-	-	+		
PLEASE NOTE: Liability a analyses. All claims includie service. In no event shall C	PLEASE NOTE: Labelity and Damages. Cardinal's labelity and clearly and clearly and clearly do any clearly and raising whether badd in contract or fort, shall be announced to the announced or the announced or an announced and the applicable analyses. At clears including brook for negligence and any other cause whatsever shall be deemed waived unless made in writing and reavised by clearly attract and the applicable analyses. At clears including brook for negligence and any other cause whatsever shall be deemed waived unless made in writing and reavised by cleard attract and the applicable analyses. At clears including brook for negligence and any other cause whatsever shall be deemed waived unless made in writing and reavised by cleard labelity attract the applicable analyses. At clears the tractionation consequential demages, including without limitation, busivess interruptions, loss of use, or loss of profils incurred by cleard, its substrates, incurring the demost the statement of the applicable analyses. At the applicable and and any other incurrent by cleard, its substrates incurent by	ient's exclusive remedy for any cause whatsoever shall be dee equental damages, including with	claim a med wa hout lin	rising whether based in aived unless made in wi nitation, business intern	contract or tort, shall b titing and received by ( uptions, loss of use, or	Cardinal within 30 days loss of profits incurred	after completion of the a by client, its subsidiaries	applicable s.								
affiliates or successors arising out of or n	ing out or related to the performance of sen	e of services hereunder by Carc	final, re	ices hereunder by Cardinal, regardless of whether such claim is based upon any or we accord and the second se	ch claim is based upon	Tany or und above even	Verbal Result:		Yes	No	Add	Add'I Phone #:				
Kelinguisned by	2	12-6-D		1111	In we	All All	All Results are emailed. Please provide Email address:	mailed. Ple	ase provid	e Email add	Iress:					
Relinquished By:		ECC.	Rece	Received By:	ind Con	1 and	REMARKS:									
		Time:														
		ALL TANK OF		Sample Condition	-	CHECKED BY:	Turnaround Time:	e.	St	Standard	×	Bac	Bacteria (only) Sample Condition	Sample (	Condition	
Delivered By: (Circle One)	de One)	Observed lempL	100	Cool Intact	1	(Initials)			R	Rush		Cool	Intact		Observed Temp. °C	
Sampler - UPS - Bus - Other:	us - Other:	Corrected Temp. °C	5	Mes	Wes	AO'	Thermometer ID #113	113				Т	No	No	Corrected Temp. °C	
		1	+	ardinal canno	ot accept verba	al changes. Ple	ase email changes t	iges to ce	ley.keene	@cardinal	labsnm.c	om				

Page 21 of 21



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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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	Analyze	d 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 9	69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY O	ILFIELD SERVICES & RENTALS, LLC	
dan dunk	ELBERG	
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-002-01.0-NA-P (H225608-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2022	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 9	% 46.3-17	8						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY O	ILFIELD SERVICES & RENTALS, LL	C
DAN DUNI	ELBERG	
P. O. BOX	2587	
HOBBS NN	l, 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-003-01.0-NA-P (H225608-03)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2022	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B mg/kg		Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.0	% 46.3-17	8						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY O	ILFIELD SERVICES & RENTALS, LLC	
dan dunk	ELBERG	
P. O. BOX 2	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-004-01.0-NA-P (H225608-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	loride, 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	432	108	400	0.00	
TPH 8015M mg/kg		/kg	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager


TRINITY O	ILFIELD SERVICES & RENTALS, LLC	
dan dunk	ELBERG	
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-005-01.0-NA-P (H225608-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2022	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113 9	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY (	DILFIELD SERVICES & RENTALS, LI	LC
DAN DUN	KELBERG	
P. O. BOX	2587	
HOBBS N	1, 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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/02/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2022	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100 9	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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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-007-01.0-NA-P (H225608-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/02/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2022	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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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-008-01.0-NA-P (H225608-08)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/02/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	0						

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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-009-01.0-NA-P (H225608-09)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/02/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2022	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 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	127 9	% 46.3-17	8						

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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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/02/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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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-011-01.0-NA-P (H225608-11)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2022	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/02/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 9	% 46.3-17	8						

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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-012-01.0-NA-P (H225608-12)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2022	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/02/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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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-013-01.0-NA-P (H225608-13)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2022	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/02/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	8						

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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-014-01.0-NA-P (H225608-14)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2022	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/02/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 9	% 46.3-17	8						

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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-015-01.0-NA-P (H225608-15)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/02/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.4	% 46.3-17	8						

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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-016-01.0-NA-P (H225608-16)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2022	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/02/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	% 46.3-17	8						

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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-017-01.0-NA-P (H225608-17)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2022	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/02/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/03/2022	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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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-018-01.0-NA-P (H225608-18)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/02/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2022	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.1	% 46.3-17	8						

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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-019-01.0-NA-P (H225608-19)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/02/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2022	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.0	% 46.3-17	8						

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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-020-01.0-NA-P (H225608-20)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/02/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2022	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.4	% 46.3-17	8						

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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-021-01.0-NA-P (H225608-21)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/02/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2022	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.1	% 46.3-17	8						

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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	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2022	ND	2.17	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/02/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2022	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	75.7	% 46.3-17	8						

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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-023-01.0-NA-P (H225608-23)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/02/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2022	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.6	% 46.3-17	8						

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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-024-01.0-NA-P (H225608-24)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/02/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2022	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.4	% 46.3-17	8						

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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-025-01.0-NA-P (H225608-25)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/02/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2022	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.2	% 46.3-17	8						

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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-026-01.0-NA-P (H225608-26)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/02/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.7	% 46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY C	ILFIELD SERVICES & RENTALS, LLC	
DAN DUNK	ELBERG	
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-027-01.0-NA-P (H225608-27)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/02/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.7	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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DAN DUN	ELBERG	
P. O. BOX	2587	
HOBBS NN	l, 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-028-01.0-NA-P (H225608-28)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/02/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.0	% 46.3-17	8						

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DAN DUN	ELBERG	
P. O. BOX	2587	
HOBBS NN	l, 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)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2022	ND	2.17	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/02/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	79.7	% 46.3-17	8						

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P. O. BOX	2587	
HOBBS N	I, 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-030-01.0-NA-P (H225608-30)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	12/02/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.4	% 46.3-17	8						

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DAN DUN	ELBERG	
P. O. BOX	2587	
HOBBS NN	l, 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-031-01.0-NA-P (H225608-31)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/02/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.1	% 46.3-17	8						

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# **Notes and Definitions**

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

#### **Cardinal Laboratories**

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Sampler - UPS - Bus - Other:		Delivered By: (Circle One)		Relinquished By:	K	Relinquished By	affiliates or successors an	analyses. All claims includ service. In no event shall (	PLEASE NOTE: Liability	0/	9	8	1	6	5	t	دں	2	_	H725-608	FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name:	Project #:	Phone #:	City:	Address:	Project Manager:	Company Name:	Labo
						7.	ors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such court is been upon with une wave service services or unarrow	analyses. At centre including issues in regulation and any other source on the other source international source of the source o	PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the processor at source including these for medianers and any other cause whatesever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable	CF-010-01.0-NA-P	CF-009-01.0-NA-P	CF-008-01.0-NA-P	CF-007-01.0-NA-P	CF-006-01.0-NA-P	CF-005-01.0-NA-P	CF-004-01.0-NA-P	CF-003-01.0-NA-P	CF-002-01.0-NA-P	CF-001-01.0-NA-P	Sample I.D		KA	Lea Co., NM	Boondock 3 Frac Line			Hobbs	8426 N Dal Paso	Project Manager: Dan Dunkelberg	Company Name: Trinity Oilfield Services	aboratories
Corrected Temp. °C9,0	1	Observed Temp. °C a /	Time:	Date:	Time 50	Date: 11-30-72	of services hereunder by Ca	uental damages, including w	nt's exclusive remedy for any suse whatsoever shall be de											I.D.				dan@trinityoilfieldservices.com	Project Owner:	Fax #:	State: NM				101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
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Page 34 of 37

Sampler - UPS - Bus - Other:	Delivered By: (Circle One)		Relinquished By:	K		m 1	service. In no event shall C affiliates or successors aris	PLEASE NOTE: Liability and Da analyses. All claims including tho	26	61	81	17	16	2	hl	13	12	11	Lab I.D.	H25608	FOR LAB USE ONLY	Sampler Name:	Project Location: Lea Co., NM	Project Name:	Project #:	Phone #:	City:	Address:		Company Name:	Lab
				1 Xrs			service. In no event shall Cardinal be liable for incidental or consequent affiliates or successors arising out of or related to the performance of se	mages. Cardinal's liability and is se for negligence and any othe	112	CF-019-01.0-NA-P	CF-018-01.0-NA-P	CF-017-01.0-NA-P	CF-016-01.0-NA-P	CF-015-01.0-NA-P	CF-014-01.0-NA-P	CF-013-01.0-NA-P	CF-012-01.0-NA-P	CF-011-01.0-NA-P	Sample I.D.			KA	Lea Co., NM	Boondock 3 Frac Line			Hobbs	8426 N Dal Paso	Dan Dunkelberg	Trinity Oilfield Services	Laboratories (5
Corrected Temp. °C 9.0	Observed Temp. °C 9,6	Time:	Date:	Time; J.36	11-20-00	Date:	ental damages, including w services hereunder by Car	is exclusive remedy for any se whatsoever shall be dee																dan@trinityoil	Project Owner:	Fax #:	State: NM				11 East Marland 75) 393-2326 FA
9.0 Tres	9,6 Sample Condition		Received By:			Received By:	sequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries ce of services hereunder by Cardinat, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	med waived unless made in	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	# CC GRC	AB OR (C)OMP. DNTAINERS DUNDWATER STEWATER	MATRIX	-		dan@trinityoilfieldservices.com	: (see below)		Zip: 88241				101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
Mo No Mo Correction Factor -0.6 °C				AND CALINA		2	r such claim is based upon a	n writing and received by C.	a is seekent at lost shall be										SLU OTH ACIE	ER : D/BASE: / COOL	X PRESERV.	Fax #:	Phone #:	State:	City:	Address:	Attn:	Company:	P.O. #:		6
, Ø	CHECKED BY: T (Initials)		R	1 del	A		any of the above stated	ed by Cardinal within 30 days at	10	11/29/2022 1:	11/29/2022 10	11/29/2022 10	11/29/2022 10	11/29/2022 10	11/29/2022 10	11/29/2022 10	11/29/2022 950	11/29/2022 940	DATE		SAMPLING			Zip:			Connor Walker	Mewbourne Oil Co.		BILL TO	
Thermometer ID #113 Correction Factor -0.6 °C	Turnaround Time:		REMARKS:		All Results are emailed. Please provide Email address:	Verbal Result:	t by client, its subsidiaries, ed reasons or otherwise.	s after completion of the app	1110 X	1100 X	1050 X	1040 X	1030 X	1020 X	1010 X	1000 X		X 0t	TIME	oride	NG							0.			
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Released to Imaging: 2/22/2023 1:02:38 PM

	Sampler - UPS - Bus - Other:		Delivered By: (Circle One)		Relinquished By:	K		Relinguished By:	affiliates or successors aris	PLEASE NOTE: Liability analyses. All claims includ		29	36	10	36	ex.	he he	e la	EE	1c	Lab I.D.	H225608	FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name:	Project #:	Phone #:	City:	Address:	Project Manager:	Company Name:	Lab	CA
	us - Other:		cle One)		4	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			service. In no event shall Cardinal be liable for incidental or consec Hiliates or successors arising out of the related to the performance	PLEASE NOTE: Liability and Damages. Cardinal's liability and clearts exclusive remotify for any caminarisming investig wavere in occursion of our source on our owners or owners or owners or owners or owners and the source of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses.	CF-030-01.0-NA-P	CF-029-01.0-NA-P	28 CF-028-01.0-NA-P	27 CF-027-01.0-NA-P	CF-026-01.0-NA-P	CF-025-01.0-NA-P	CF-024-01.0-NA-P	23 CF-023-01.0-NA-P	CF-022-01.0-NA-P	CF-021-01.0-NA-P	Sample I.D.	<u> </u>		KA	Lea Co., NM	Boondock 3 Frac Line			Hobbs	8426 N Dal Paso	Project Manager: Dan Dunkelberg	Company Name: Trinity Oilfield Services	מחחו שרחו ובא	
	Corrected Temp. °C Q.0	١	Observed Temp. °C	Time:	Date:	Time: 36 N	11-30-24		quental damages, including without limitation, business interruptions, loss or use, or loss or proms incurred by cerent, is subsourieres to f services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	ause whatsoever shall be de											I.D.					dan@trinityoilfieldservices.com	Project Owner:	Fax #:	State: NM				(575) 393-2326 FAX (575) 393-2476	101 East Marland, Hobbs, NM 88240
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	,	(s)	D BY:		1	Ø	-		the above	I within 30	11/29/2022	11/29/2022	11/29/2022	11/29/2022	11/29/2022	11/29/2022	11/29/2022	11/29/2022	11/29/2022	11/29/2022	DATE		SA						Connor Walker	Mewbourne Oil Co.		LL TO		
	Thermometer ID #113		Turnaround Time:		REMARKS:		All Results are emailed. Please provide Email address:	Verbal Result:	damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by carera, its subsequence inces hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	and to that, a ten to animou to one encourts poor of the ani- and received by Cardinal within 30 days after completion of the an- and received by Cardinal within 30 days after the structure of the animous sectors and the structure of the struct	2 1250		2 1230	2 1220	2 1210	2 1200	2 1150	2 1140	2 1130	2 1120	TIME		SAMPLING						ker	Oil Co.				
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	Sampler - UPS - Bus - Other:		Delivered By: (Circle One)		Relinquished By:		Relinquished Bys	affiliates or successors aris	analyses. All claims includia service. In no event shall Ci	PLEASE NOTE: Liability an						31	HZZ.SLOS Lab I.D.	FOR LAB USE ONLY	Sampler Name:	Project Location: Lea Co., NM	Project Name:	Project #:	Phone #:	City:	Address:	Project Manager:	Company Name:	I Lab
	is - Other:		le One)			225		affiliates or successors arising out of or related to the performance of ser	ig those for negligence and any other administration of the second	nd Damages. Cardinal's liability and d	1	 1	1	 	-	 CF-031-01.0-NA-P	Sample I.D.		KA	Lea Co., NM	Boondock 3 Frac Line			Hobbs	8426 N Dal Paso	Project Manager: Dan Dunkelberg	Company Name: Trinity Oilfield Services	<b>CARDINAL</b> Laboratories
+ Cardin	Corrected Temp. °C9,0	4.6		Time:	Date: Received By:	Time: 430	Date: 30,22 Received By	of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	analyses. At claims including trace for medigence and any other cause whatsoever shall be deemed waived unless made in writing and neceived by Cardinal writin 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential demages, including without limitation, business interruptions, loss of use, or loss of profils incurred by client. Its subsidiaries,	PIEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in con-						C 1	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER				dan@trinityoilfieldservices.com	Project Owner: (see below)	Fax #:	State: NM Zip: 88241			s	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
Ξſ	No No	Cool Intact	Sample Condition CH		By:	pullet de	By	of whether such claim is based up	less made in writing and received to business interruptions, loss of use,							×	WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL	MATRIX PRESERV.	Fax #:	Phone #:	com State:	low) City:	Address:	Attn:	Company:	P.O. #:		NM 88240 193-2476
hannes. Please	The Cor	(Initials)	CHECKED BY: Tur		RE	Weller &		pon any of the above stated re-	or loss of profits incurred by d	ract or tort, shall be limited to the amount paid by the client for the						11/29/2022 1300	DATE	RV. SAMPLING			Zip:	-		Connor Walker	Mewbourne Oil Co.		BILL TO	
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Released to Imaging: 2/22/2023 1:02:38 PM



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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	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	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/08/2022	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.4	% 46.3-17	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DILFIELD SERVICES & RENTALS, LLC	
KELBERG	
2587	
1, 88241	
NONE	
ł	DILFIELD SERVICES & RENTALS, LLC KELBERG 2 2587 M, 88241 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-046-01.0-NA-P (H225692-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	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 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/08/2022	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.0	% 46.3-17	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



DILFIELD SERVICES & RENTALS, LLC	
KELBERG	
2587	
1, 88241	
NONE	
ł	DILFIELD SERVICES & RENTALS, LLC KELBERG 2 2587 M, 88241 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-047-01.0-NA-P (H225692-03)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/08/2022	ND	448	112	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.5	% 46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY OII	FIELD SERVICES & RENTALS, LLC	
DAN DUNKE	LBERG	
P. O. BOX 2	587	
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)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/08/2022	ND	448	112	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.0	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY OI	FIELD SERVICES & RENTALS, LLC			
DAN DUNKE	LBERG			
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)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/08/2022	ND	448	112	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.5	% 46.3-17	8						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Y OILFIELD SERVICES & RENTALS, LLC	
JNKELBERG	
OX 2587	
NM, 88241	
NONE	
) 3 3	TY OILFIELD SERVICES & RENTALS, LLC OUNKELBERG 3OX 2587 5 NM, 88241 >: 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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/08/2022	ND	448	112	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	56.1	% 46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY OI	FIELD SERVICES & RENTALS, LLC			
DAN DUNKE	LBERG			
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)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/08/2022	ND	448	112	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	67.8	% 46.3-17	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY OIL	FIELD SERVICES & RENTALS, LLC			
DAN DUNKE	LBERG			
P. O. BOX 2587				
HOBBS NM,	88241			
Fax To:	NONE			
	dan dunke P. O. Box 25 Hobbs nm,	HOBBS NM, 88241		

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)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/08/2022	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/08/2022	ND	448	112	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.8	% 46.3-17	8						

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TRINITY OII	FIELD SERVICES & RENTALS, LLC	
DAN DUNKE	LBERG	
P. O. BOX 2	587	
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	Analyze	d 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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/08/2022	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.2	% 46.3-17	8						

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# **Notes and Definitions**

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

#### **Cardinal Laboratories**

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Celey D. Keene, Lab Director/Quality Manager

	(575) 393-2326 FAX (575) 393-2476	(575) 393-2326 FAX (575) 393-2476	X (575	393-2476												
Company Name:	Trinity Oilfield Services					BILL TO						ANALYS	ANALYSIS REQUEST	ST		
	Dan Dunkelberg				P.O. #:				_		_	_	-	-		
Address: 8	8426 N Dal Paso				Company:	: Mewbourne Oil Co.	Oil Co.									
City: H	Hobbs	State: NM Z	Zip: 8	88241	Attn:		er									
e #:					Address:											
Project #:		Project Owner:	(see	(see below)	City:											
Project Name: E	Boondock 3 Frac Line	dan@trinityoilfieldservices.com	eldser		State:	Zip:										
Project Location: Lea Co., NM	Lea Co., NM				Phone #:											
Sampler Name: H	KA				Fax #:											
FOR LAB USE ONLY			_	MATRIX	PRESERV.		SAMPLING							1		
		MP	1													
H225692		AB OR (C)OMP	ONTAINERS		D/BASE: / COOL	ER :		oride	1	X						
Lab I.D.	Sample I.D.		# CC		ICE /	OTH DATE	TIME	Chlo	TPH	BTE						
1	CF-045-01.0-NA-P	С	1	×		12/2/2022		×	×	×		_	_			_
20	CF-046-01.0-NA-P	С	-	×		12/2/2022		×	×	×		_				
	CF-047-01.0-NA-P	С	1	X		12/2/2022		×	×	×			_			
	CF-048-01.0-NA-P	с	4	×	_	12/2/2022		×	×	×						
S	CF-049-01.0-NA-P	с	-	×		12/2/2022		×	×	×		_				
	CF-050-01.0-NA-P	С	-	×		12/2/2022		×	×	×		_				
	CF-051-01.0-NA-P	с	-	×		12/2/2022		×	×	×		_				
8	CF-052-01.0-NA-P	С	1	×	_	12/2/2022		×	×	×			_			
	CW-001-00.5-NA-P	С	-	×		12/2/2022		×	×	×	_	_				
nalyses. All claims including t ervice. In no event shall Card filiates or successors arising	Processory: a new year ownerges, serving and warms summy and units transport and year and year and year of the strange to the amount part by the cleart of the applicable analyses. At cleares index provide the strange the amount part by the cleart of the applicable service, in no event shall Cudinal be labeled to incolerated or consequential damages, including without immation, business interruptions, less of profits incorred by cleard, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated neasons or otherwise.	In succusive intrinsity for any cum arrang writter basion in contract or fort. Studi se intriad to the instruct paid by the control ton the cause whatcover shall be doemed waived unless made in writing and received by Cardinal within 30 days after completion of the questial damages, including without fination, business interruptions, bass of use, or foss of profils incurred by Gent, its subsidiarie of services hereundier by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	ed waived out limitational, regard	) writeriner based in cor unless made in writing on, business interruptik less of whether such c	g and received b ons, loss of use, daim is based up	in be limited to the arriv y Cardinal within 30 da or loss of profits incum ion any of the above st	racr or rort, snale de limited to the amount paied by the elevist for the and received by Cardinal within 30 days after completion of the rs, loss of use, or loss of profils incurred by client, its subsidiaries, is have of use, or loss of profils incurred by client. Its subsidiaries, this based upon any of the above stated reasons or otherwise.	the le applicable ries, se.								
Relinquished By:		10	Received By:	d By:		1111	Verbal Result: Yes No   All Results are emailed. Please provide Email address: Email address:	emailed. P	Yes lease provi	ide Email add		Add'l Phone #:				
		1400		KNUNN	WAL	Xar W										
Relinquished By:			Received By:	d By:	1	5	REMARKS:									
		Time:														
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY:	Turnaround Time:	ne:	0 0	Standard	×	Bact	Bacteria (only) Sample Condition	Imple Conc	dition	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Vies vies	P	for the second	Thermometer ID #113	#113	2	NUSI			Yes Yes		observed reliip. o	

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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

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

# CONDITIONS

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

Action 183317