

Incident ID	NRM1926658760
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: Wade DittrichTitle: Environmental CoordinatorSignature: Date: 07/08/2022email: wade\_dittrich@oxy.comTelephone: (575) 390-2828

### OCD Only

Received by: Jocelyn HarimonDate: 11/15/2022

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

Closure Approved by: Date: 11/15/2022Printed Name: Jocelyn HarimonTitle: Environmental Specialist

Form C-141

Page 5

State of New Mexico  
Oil Conservation Division

Incident ID	
District RP	1RP-5681
Facility ID	
Application ID	

## Remediation Plan


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

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

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

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

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

Printed Name: Wade Dittrich Title: Environmental Coordinator  
Signature:  Date: 11-20-19  
email: wade\_dittrich@oxy.com Telephone: (575) 390-2828

**OCD Only**

Received by: Robert Hamlet Date: 1/16/2020

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

Signature:  Date: 1/16/2020

# Trinity Oilfield Services & Rentals, LLC



July 7, 2022

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

Re: **Closure Request**  
**NBR State 1 SWD**  
**Tracking #: NRM1926658760 (1RP-5681)**

Trinity Oilfield Services, on behalf of OXY USA, Inc., 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	NRM1926658760 (1RP-5681)
Site Name	NBR State 1 SWD
Company	OXY USA, Inc.
County	Lea
ULSTR	J-18-22S-33E
GPS Coordinates (NAD 83)	32.38976,-103.60962
Landowner	State

## RELEASE BACKGROUND

On 9/4/2019, OXY USA, Inc. reported a release at the NBR State 1 SWD. The release was caused when a compromised 6 inch poly integration line. Approximately 30,000 sqFt of the Pad was found to be damp upon initial inspection

Release Information	
Date of Release	8/6/2019
Type of Release	Crude Oil and Produced Water
Source of Release	Equipment Failure
Volume Released – Produced Water	700 bbls
Volume Recovered – Produced Water	330 bbls
Volume Released – Crude Oil	2 bbls
Volume Recovered – Crude Oil	1 bbls
Affected Area – Damp Soil	Pad - Approximately 30,000 sqFt
Site Location Map	Figure 1

## SITE CHARACTERIZATION AND CLOSURE CRITERIA

### Depth to Groundwater/Wellhead Protection:

Data Source	Well Number	Data Date	Depth (ft.)
NM OSE	CP-01898-POD1	12/23/2021	105'
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 One (1) well occurred in the data bases that meets the NMOCD criteria for age of data, distance of the data point well from the release point and a data point well having a diagram of construction.

#### General Site Characterization:

Site Assessment	
Karst Potential	Low
Distance to Watercourse	> 1000 ft.
Within 100 yr Floodplain	No
Pasture Impact	No

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

#### Closure Criteria:

Site & Pasture 4ft bgs	Recommended Remedial Action Levels (RRALs)
Chlorides	20,000 mg/kg
TPH (GRO and DRO and MRO)	2,500 mg/kg
TPH (GRO and DRO)	1,000 mg/kg
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 that was 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 ASSESMENT AND REMEDIATION ACTIVITES

##### Initial Sample Activities:

Delineation Summary	
Delineation Dates	09/23/19 - 09/30/2019
Depths Sampled	Surface - 6'

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



**Confirmation Activities:**

<b>Remediation Summary</b>	
Remediation Dates	03/24/2022 - 03/31/2022
Workplan Approval	1/16/2020
Liner Variance Request	None
Deferral Request	None
Depths Excavated	1' - 4'
Area Represented by the required 5-point Confirmation Samples – Floors and Walls	200 sqFt
Total Volume of Excavated Soil	1,463 yards
Remediation Map	Figure 1
Laboratory Results	Table 1

Impacted soil within the release margins were 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 standard. Confirmation soil samples (five-point composites representing no more than 200 sqFt of the excavated area) were collected from the floor and sidewalls.

Upon receiving laboratory analytical data showing that confirmation soil samples from the excavated areas yield results below the selected NMOCD Table 1 Closure Criteria; the impacted soil was transported under manifest to a 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 which existed prior to 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 US Bureau of Land Management seed mixture during the first favorable growing season following closure of the site in accordance with the applicable regulatory agency.

**REQUEST FOR CLOSURE**

<b>Supporting Documentation</b>	
C-141, page 6	Signed and Attached
Remediation Map	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

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

OXY USA, Inc  
NBR STATE 1 SWD  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE #: NRM1926658760 (1RP-5681)



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M					SM4500CI-B
					BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL- BENZENE (mg/Kg)	M,P- XYLENES (mg/Kg)	O- XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/Kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/Kg)	GRO+ DRO (mg/kg)	MRO C <sub>28</sub> -C <sub>36</sub> (mg/Kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Closure Limits					10	NE	NE	NE	NE	NE	50	NE	NE	1,000	NE	2,500	20,000
Remediation Floors																	
SR - 1 VERTICAL @ 1'	1'	3/24/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3320
SR - 2 VERTICAL @ 1'	1'	3/24/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3920
SR - 3 VERTICAL @ 1'	1'	3/24/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SR - 4 VERTICAL @ 1'	1'	3/24/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SR - 5 VERTICAL @ 1'	1'	3/24/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1400
SR - 6 VERTICAL @ 1'	1'	3/24/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3440
SR - 7 VERTICAL @ 4'	4'	3/28/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3480
SR - 8 VERTICAL @ 4'	4'	3/28/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2480
SR - 9 VERTICAL @ 4'	4'	3/28/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5520
SR - 10 VERTICAL @ 4'	4'	3/28/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	26.5	26.5	10.6	37.10	1460
SR - 11 VERTICAL @ 4'	4'	3/28/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7520
SR - 12 VERTICAL @ 4'	4'	3/28/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4000
SR - 31 VERTICAL @ 4'	4'	3/28/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6560
SR - 32 VERTICAL @ 4'	4'	3/28/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2640
SR - 33 VERTICAL @ 4'	4'	3/28/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	12.5	12.5	<10.0	12.5	2080
SR - 34 VERTICAL @ 4'	4'	3/28/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
SR - 13 VERTICAL @ 4'	4'	3/30/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4080
SR - 14 VERTICAL @ 4'	4'	3/30/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7040
SR - 15 VERTICAL @ 4'	4'	3/30/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3360
SR - 16 VERTICAL @ 4'	4'	3/30/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5840
SR - 17 VERTICAL @ 4'	4'	3/30/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4880
SR - 18 VERTICAL @ 4'	4'	3/30/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3360
SR - 19 VERTICAL @ 4'	4'	3/30/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	85.8	85.8	<10.0	85.8	3840
SR - 20 VERTICAL @ 4'	4'	3/30/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	370	370	<10.0	370	1700
SR - 21 VERTICAL @ 4'	4'	3/30/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2000
SR - 24 VERTICAL @ 4'	4'	3/30/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2080
SR - 22 VERTICAL @ 4'	4'	3/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1740
SR - 23 VERTICAL @ 4'	4'	3/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,150
SR - 25 VERTICAL @ 4'	4'	3/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	11.50	11.50	<10.0	11.50	816
SR - 26 VERTICAL @ 4'	4'	3/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1230
SR - 27 VERTICAL @ 4'	4'	3/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1380
SR - 28 VERTICAL @ 4'	4'	3/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,700
SR - 29 VERTICAL @ 4'	4'	3/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1920
SR - 30 VERTICAL @ 4'	4'	3/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3440
SR - 35 VERTICAL @ 4'	4'	3/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1180
SR - 36 VERTICAL @ 4'	4'	3/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1840
SR - 37 VERTICAL @ 4'	4'	3/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1710
SR - 38 VERTICAL @ 4'	4'	3/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3160
SR - 39 VERTICAL @ 4'	4'	3/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	800
Remediation Walls																	
SRW - 1 S @ 6"	6"	3/24/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
SRW - 2 N @ 2'	2"	3/30/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	16.9	16.9	17.2	34.10	128
SRW - 3 N @ 2'	2"	3/30/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
SRW - 4 N @ 2'	2"	3/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
SRW - 5 E @ 2'	2"	3/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
SRW - 6 S @ 2'	2"	3/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320

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

OXY USA, Inc  
NBR STATE 1 SWD  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE #: NRM1926658760 (1RP-5681)



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M					SM4500Cl-B
					BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/Kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/Kg)	GRO+ DRO (mg/kg)	MRO C <sub>28</sub> -C <sub>36</sub> (mg/Kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Closure Limits					10	NE	NE	NE	NE	NE	50	NE	NE	1,000	NE	2,500	20,000
SRW - 7 S @ 2'	2'	3/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
SRW - 8 W @ 2'	2'	3/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304

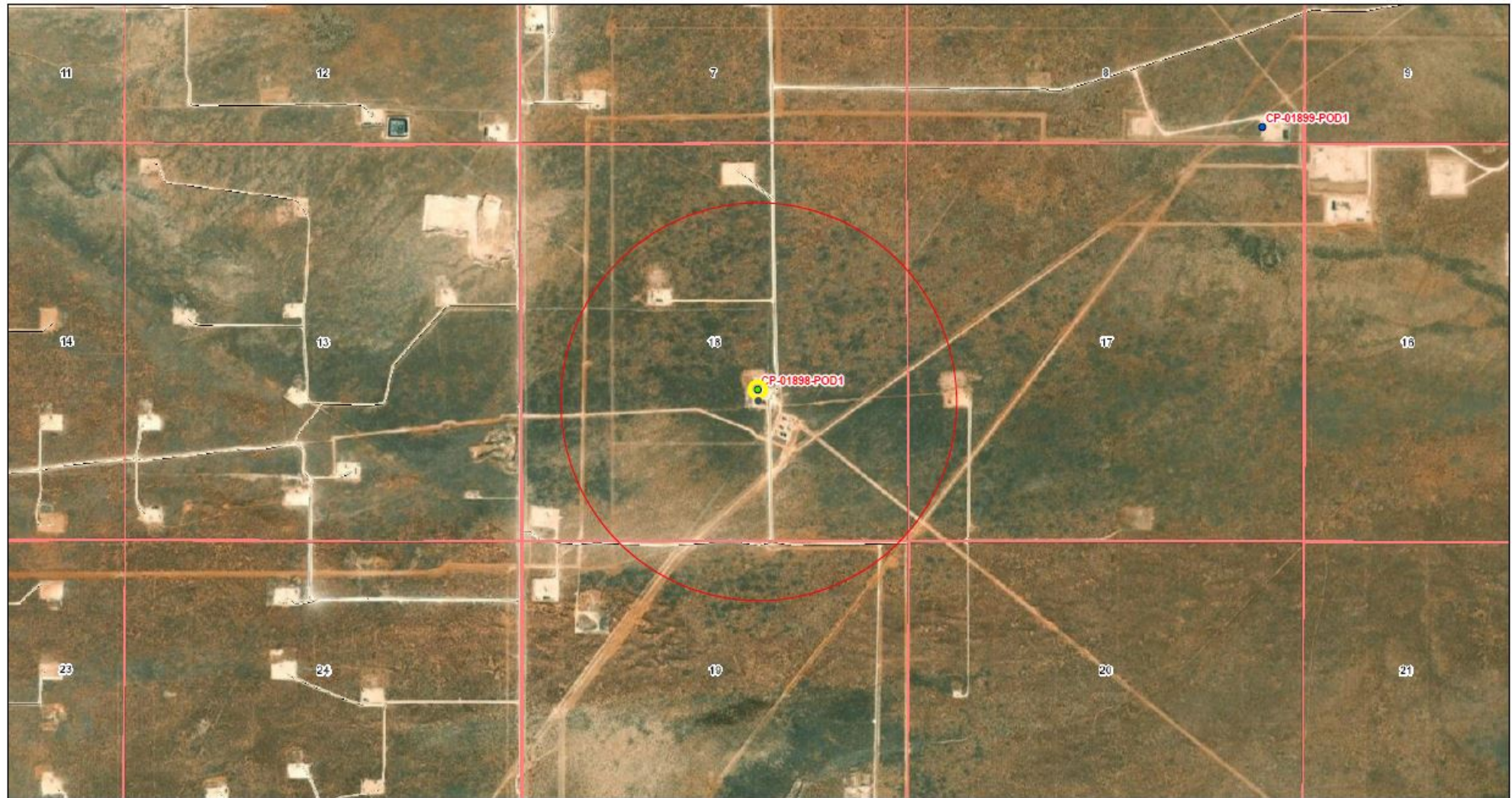
Concentrations in **BOLD** exceed the NMOCD Closure Limit



Maxar, Microsoft

<p><b>Legend:</b></p> <ul style="list-style-type: none"><li>Remediation Walls</li><li>Remediation Floors</li><li>Damp Soil</li></ul>	<p><b>Figure 1</b> <b>Remediation Map</b> <b>OXY USA, Inc.</b> <b>NBR State 1 SWD</b> <b>Lea County, New Mexico</b> <b>NMOCD Reference #</b> <b>NRM1926658760</b></p>	<p>0 15 30 60 Feet</p> <p> TRINITY OILFIELD SERVICES</p>
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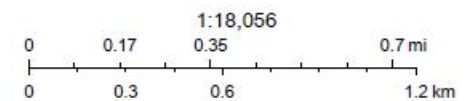




7/8/2022, 10:00:25 AM

GIS WATERS PODs

- Active
- Pending
- Sections



Esri, HERE, GeoTechnologies, Inc., Esri, HERE, Garmin,  
GeoTechnologies, Inc., OSE SLO, Maxar



Amarillo, TX - Artesia, NM  
Midland, TX - San Antonio, TX

## BORING LOG

Boring Number:	Job Number:	Driller/Co.: Talon LPE
Site Name: NBR	Logger:	Bit Size:
Location:	Weather:	Rig Type:
Date:	Sample Retrieval Method: Grab	Drilling Method: Air Rotary

Sample Number	Sample Interval (ft)	Sample Recovery (ft)	USCS	Sample Material/Comments	ODOR	PID (ppm)
	0 - 6"			Caliche Backfill with sand and gravel		
	6 - 15"			Light Brown/Tan sand and gravel		
	16 - 24"			Red/Brown Sand with light clay and gravel		
	25 - 40"			Red Sand and gravel		
	41 - 95"			Fine Sand (Red - light Brown) with clay		
	95" - 105"			Red - Dark Brown Sand/clay with light gravel		

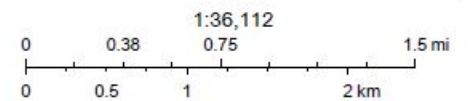




7/8/2022, 10:37:35 AM

Karst Occurrence Potential

Low



BLM, OCD, New Mexico Tech, Maxar





NRM1926658760 | NBR STATE 1 SWD



July 8, 2022

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

Soil Map—Lea County, New Mexico  
(NRM1926658760 | NBR STATE 1 SWD)



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey


7/8/2022  
Page 1 of 3



Soil Map—Lea County, New Mexico  
(NRM1926658760 | NBR STATE 1 SWD)

## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 18, Sep 10, 2021

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

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

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PU	Pyote and Maljamar fine sands	3.3	100.0%
Totals for Area of Interest		3.3	100.0%

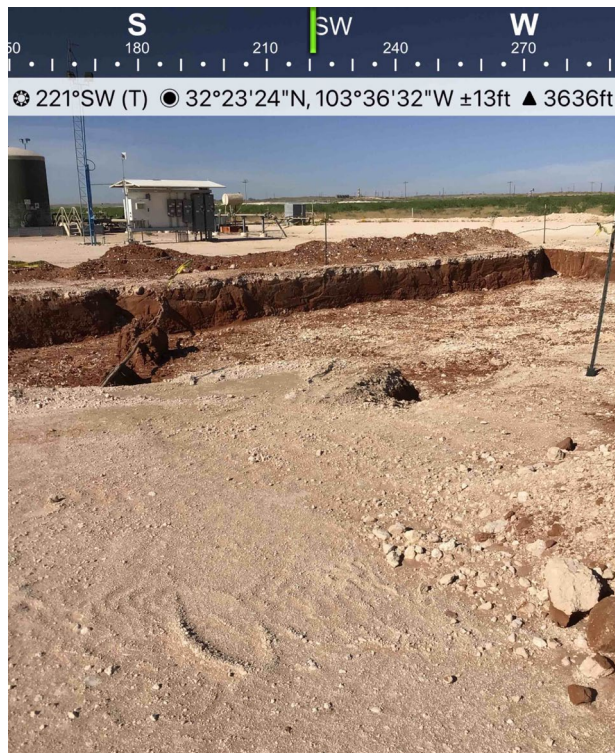


## Excavation

Pad:



Pad:







## Excavation

Pad:



Pad:







## Excavation

Pad:



Pad:

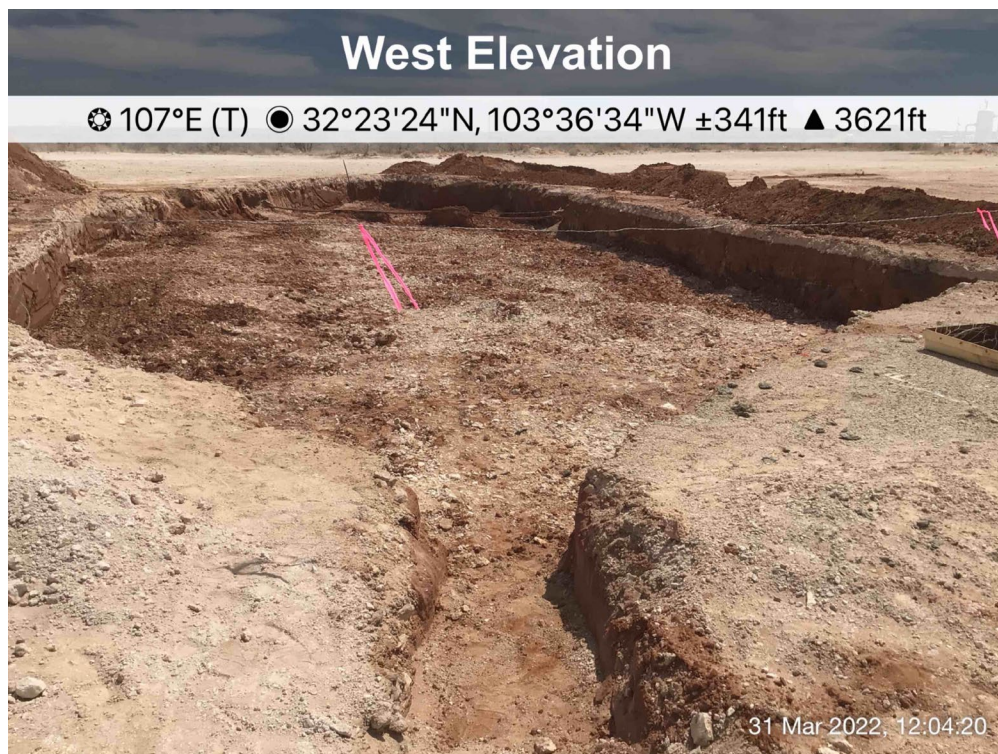






## Excavation

Pad:



Pad:





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March 29, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: NBR STATE 1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 03/24/22 15:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/24/2022	Sampling Date:	03/24/2022
Reported:	03/29/2022	Sampling Type:	Soil
Project Name:	NBR STATE 1 SWD	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA CO NM		

**Sample ID: SR - 1 VERTICAL @ 1' (H221167-01)**

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2022	ND	1.74	87.0	2.00	3.71	
Toluene*	<0.050	0.050	03/27/2022	ND	1.97	98.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	03/27/2022	ND	1.99	99.4	2.00	3.59	
Total Xylenes*	<0.150	0.150	03/27/2022	ND	6.19	103	6.00	3.70	
Total BTEX	<0.300	0.300	03/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3320	16.0	03/28/2022	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	03/28/2022	ND	208	104	200	20.5	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	220	110	200	8.66	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					

Surrogate: 1-Chlorooctane 87.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.0 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/24/2022  
 Reported: 03/29/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/24/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 2 VERTICAL @ 1' (H221167-02)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2022	ND	1.74	87.0	2.00	3.71	
Toluene*	<0.050	0.050	03/27/2022	ND	1.97	98.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	03/27/2022	ND	1.99	99.4	2.00	3.59	
Total Xylenes*	<0.150	0.150	03/27/2022	ND	6.19	103	6.00	3.70	
Total BTEx	<0.300	0.300	03/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3920	16.0	03/28/2022	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	03/28/2022	ND	208	104	200	20.5	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	220	110	200	8.66	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 03/24/2022  
 Reported: 03/29/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/24/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 3 VERTICAL @ 1' (H221167-03)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2022	ND	1.74	87.0	2.00	3.71	
Toluene*	<0.050	0.050	03/27/2022	ND	1.97	98.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	03/27/2022	ND	1.99	99.4	2.00	3.59	
Total Xylenes*	<0.150	0.150	03/27/2022	ND	6.19	103	6.00	3.70	
Total BTX	<0.300	0.300	03/27/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/28/2022	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	03/28/2022	ND	208	104	200	20.5	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	220	110	200	8.66	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/24/2022  
 Reported: 03/29/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/24/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 4 VERTICAL @ 1' (H221167-04)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2022	ND	1.74	87.0	2.00	3.71	
Toluene*	<0.050	0.050	03/27/2022	ND	1.97	98.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	03/27/2022	ND	1.99	99.4	2.00	3.59	
Total Xylenes*	<0.150	0.150	03/27/2022	ND	6.19	103	6.00	3.70	
Total BTEx	<0.300	0.300	03/27/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/28/2022	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	03/28/2022	ND	208	104	200	20.5	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	220	110	200	8.66	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					

Surrogate: 1-Chlorooctane 90.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/24/2022  
 Reported: 03/29/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/24/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 5 VERTICAL @ 1' (H221167-05)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2022	ND	1.74	87.0	2.00	3.71	
Toluene*	<0.050	0.050	03/27/2022	ND	1.97	98.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	03/27/2022	ND	1.99	99.4	2.00	3.59	
Total Xylenes*	<0.150	0.150	03/27/2022	ND	6.19	103	6.00	3.70	
Total BTX	<0.300	0.300	03/27/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1400	16.0	03/28/2022	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	03/28/2022	ND	208	104	200	20.5	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	220	110	200	8.66	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					

Surrogate: 1-Chlorooctane 89.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 03/24/2022  
 Reported: 03/29/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/24/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 6 VERTICAL @ 1' (H221167-06)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2022	ND	1.74	87.0	2.00	3.71	
Toluene*	<0.050	0.050	03/27/2022	ND	1.97	98.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	03/27/2022	ND	1.99	99.4	2.00	3.59	
Total Xylenes*	<0.150	0.150	03/27/2022	ND	6.19	103	6.00	3.70	
Total BTX	<0.300	0.300	03/27/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3440	16.0	03/28/2022	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	03/28/2022	ND	208	104	200	20.5	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	220	110	200	8.66	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					

Surrogate: 1-Chlorooctane 92.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/24/2022  
 Reported: 03/29/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/24/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SRW - 1 S @ 6" (H221167-07)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2022	ND	1.74	87.0	2.00	3.71	
Toluene*	<0.050	0.050	03/27/2022	ND	1.97	98.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	03/27/2022	ND	1.99	99.4	2.00	3.59	
Total Xylenes*	<0.150	0.150	03/27/2022	ND	6.19	103	6.00	3.70	
Total BTX	<0.300	0.300	03/27/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	03/28/2022	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	03/28/2022	ND	208	104	200	20.5	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	220	110	200	8.66	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					

Surrogate: 1-Chlorooctane 92.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

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

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

---

Celey D. Keene, Lab Director/Quality Manager



Page 10 of 10



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March 31, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: NBR STATE 1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 03/28/22 15:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/28/2022	Sampling Date:	03/28/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	NBR STATE 1 SWD	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA CO NM		

**Sample ID: SR - 7 VERTICAL @ 4' (H221223-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2022	ND	2.04	102	2.00	7.52	
Toluene*	<0.050	0.050	03/30/2022	ND	2.05	103	2.00	7.29	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.93	96.7	2.00	7.77	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.01	100	6.00	6.93	
Total BTEX	<0.300	0.300	03/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3480	16.0	03/30/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	196	97.8	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	226	113	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 84.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 03/28/2022  
 Reported: 03/31/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 8 VERTICAL @ 4' (H221223-02)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2022	ND	2.04	102	2.00	7.52		
Toluene*	<0.050	0.050	03/30/2022	ND	2.05	103	2.00	7.29		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.93	96.7	2.00	7.77		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.01	100	6.00	6.93		
Total BTEx	<0.300	0.300	03/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	03/30/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	196	97.8	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	226	113	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 77.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/28/2022  
 Reported: 03/31/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 9 VERTICAL @ 4' (H221223-03)**

BTX 8021B			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2022	ND	2.04	102	2.00	7.52		
Toluene*	<0.050	0.050	03/30/2022	ND	2.05	103	2.00	7.29		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.93	96.7	2.00	7.77		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.01	100	6.00	6.93		
Total BTX	<0.300	0.300	03/30/2022	ND						

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

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5520	16.0	03/30/2022	ND	416	104	400	3.77	QM-07	

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	196	97.8	200	4.41		
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	226	113	200	7.99		
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND						

Surrogate: 1-Chlorooctane 78.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/28/2022  
 Reported: 03/31/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 10 VERTICAL @ 4' (H221223-04)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2022	ND	2.04	102	2.00	7.52	
Toluene*	<0.050	0.050	03/30/2022	ND	2.05	103	2.00	7.29	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.93	96.7	2.00	7.77	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.01	100	6.00	6.93	
Total BTEX	<0.300	0.300	03/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1460	16.0	03/30/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	196	97.8	200	4.41	
DRO >C10-C28*	26.5	10.0	03/30/2022	ND	226	113	200	7.99	
EXT DRO >C28-C36	10.6	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 78.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 03/28/2022  
 Reported: 03/31/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 11 VERTICAL @ 4' (H221223-05)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2022	ND	2.04	102	2.00	7.52	
Toluene*	<0.050	0.050	03/30/2022	ND	2.05	103	2.00	7.29	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.93	96.7	2.00	7.77	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.01	100	6.00	6.93	
Total BTEx	<0.300	0.300	03/30/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7520	16.0	03/30/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	196	97.8	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	226	113	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 80.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.3 % 59.5-142

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**Analytical Results For:**

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

Received: 03/28/2022  
 Reported: 03/31/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 12 VERTICAL @ 4' (H221223-06)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2022	ND	2.04	102	2.00	7.52	
Toluene*	<0.050	0.050	03/30/2022	ND	2.05	103	2.00	7.29	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.93	96.7	2.00	7.77	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.01	100	6.00	6.93	
Total BTEx	<0.300	0.300	03/30/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	03/30/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	196	97.8	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	226	113	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 75.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 75.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/28/2022  
 Reported: 03/31/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 31 VERTICAL @ 4' (H221223-07)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2022	ND	2.04	102	2.00	7.52	
Toluene*	<0.050	0.050	03/30/2022	ND	2.05	103	2.00	7.29	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.93	96.7	2.00	7.77	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.01	100	6.00	6.93	
Total BTEx	<0.300	0.300	03/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6560	16.0	03/30/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/31/2022	ND	196	97.8	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/31/2022	ND	226	113	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	03/31/2022	ND					

Surrogate: 1-Chlorooctane 84.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 03/28/2022  
 Reported: 03/31/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 32 VERTICAL @ 4' (H221223-08)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2022	ND	2.04	102	2.00	7.52	
Toluene*	<0.050	0.050	03/30/2022	ND	2.05	103	2.00	7.29	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.93	96.7	2.00	7.77	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.01	100	6.00	6.93	
Total BTEx	<0.300	0.300	03/30/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2640	16.0	03/30/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	196	97.8	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	226	113	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 77.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 76.9 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 03/28/2022  
 Reported: 03/31/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 33 VERTICAL @ 4' (H221223-09)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2022	ND	2.04	102	2.00	7.52	
Toluene*	<0.050	0.050	03/30/2022	ND	2.05	103	2.00	7.29	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.93	96.7	2.00	7.77	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.01	100	6.00	6.93	
Total BTEx	<0.300	0.300	03/30/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2080	16.0	03/30/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	196	97.8	200	4.41	
DRO >C10-C28*	12.5	10.0	03/30/2022	ND	226	113	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 77.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/28/2022  
 Reported: 03/31/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 34 VERTICAL @ 4' (H221223-10)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2022	ND	2.04	102	2.00	7.52	
Toluene*	<0.050	0.050	03/30/2022	ND	2.05	103	2.00	7.29	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.93	96.7	2.00	7.77	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.01	100	6.00	6.93	
Total BTEx	<0.300	0.300	03/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	03/30/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	196	97.8	200	4.41	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	226	113	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 81.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager

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### Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL Laboratories										101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST					
Company Name: Trinity Offfield Services										P.O. #:		BILL TO					
Project Manager: Dan Dunkelberg										Company: OXY USA Inc.		ANALYSIS REQUEST					
Address: 8426 N Dal Paso										Attn: Wade Dittich							
City: Hobbs										State: NM Zip: 88241							
Phone #: 575 390 7560										Fax #:							
Project #: NBR State 1 SWD										Project Owner: (see below)							
Project Name: Lea Co., NM										City: State: Zip:							
Project Location: Lea Co., NM										Phone #: Fax #:							
Sampler Name: RS										PRESERV.		SAMPLING					
FOR LAB USE ONLY																	
Lab I.D. Sample I.D.										(G)RAB OR (C)OMP.							
1 SR-7 Vertical @ 4'										C 1		DATE 3/28/2022 TIME 9:00					
2 SR-8 Vertical @ 4'										C 1		DATE 3/28/2022 TIME 9:05					
3 SR-9 Vertical @ 4'										C 1		DATE 3/28/2022 TIME 9:10					
4 SR-10 Vertical @ 4'										C 1		DATE 3/28/2022 TIME 9:15					
5 SR-11 Vertical @ 4'										C 1		DATE 3/28/2022 TIME 9:20					
6 SR-12 Vertical @ 4'										C 1		DATE 3/28/2022 TIME 9:25					
7 SR-31 Vertical @ 4'										C 1		DATE 3/28/2022 TIME 9:30					
8 SR-32 Vertical @ 4'										C 1		DATE 3/28/2022 TIME 9:35					
9 SR-33 Vertical @ 4'										C 1		DATE 3/28/2022 TIME 9:40					
10 SR-34 Vertical @ 4'										C 1		DATE 3/28/2022 TIME 9:45					
PLEASE NOTE: Labeling and Damages. Cardinal's liability and client's insurance liability for any claim arising from this report shall be limited to the amount paid by the client for the analysis. 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 service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.										Verbal Result:		Yes		No		Add'l Phone #:	
Relinquished By: [Signature]										Date: 3/28/2021		Received By: [Signature]		REMARKS:			
Delivered By: (Circle One)										Observed Temp. °C: 20.5°C		Sample Condition: Cool Intact Yes		CHECKED BY: (Initials) SR			
Sampler - UPS - Bus - Other:										Corrected Temp. °C: 20.0°C		Thermometer ID #113		Turnaround Time:			
										Correction Factor -0.5 °C		Standard Rush		X			
												Bacteria (only) Sample Condition: Cool Intact Yes		Observed Temp. °C			
												Corrected Temp. °C					

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



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April 04, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: NBR STATE 1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 03/30/22 15:33.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/30/2022	Sampling Date:	03/30/2022
Reported:	04/04/2022	Sampling Type:	Soil
Project Name:	NBR STATE 1 SWD	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA CO NM		

**Sample ID: SRW - 2 N @ 2' (H221279-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2022	ND	2.10	105	2.00	2.04	
Toluene*	<0.050	0.050	04/02/2022	ND	2.12	106	2.00	4.16	
Ethylbenzene*	<0.050	0.050	04/02/2022	ND	2.09	104	2.00	1.74	
Total Xylenes*	<0.150	0.150	04/02/2022	ND	6.15	102	6.00	1.19	
Total BTEX	<0.300	0.300	04/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/04/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2022	ND	189	94.4	200	3.29	
DRO >C10-C28*	16.9	10.0	04/01/2022	ND	217	108	200	3.05	
EXT DRO >C28-C36	17.2	10.0	04/01/2022	ND					

Surrogate: 1-Chlorooctane 91.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.1 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/30/2022  
 Reported: 04/04/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/30/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SRW - 3 N @ 2' (H221279-02)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2022	ND	2.10	105	2.00	2.04	
Toluene*	<0.050	0.050	04/02/2022	ND	2.12	106	2.00	4.16	
Ethylbenzene*	<0.050	0.050	04/02/2022	ND	2.09	104	2.00	1.74	
Total Xylenes*	<0.150	0.150	04/02/2022	ND	6.15	102	6.00	1.19	
Total BTX	<0.300	0.300	04/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/04/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2022	ND	189	94.4	200	3.29	
DRO >C10-C28*	<10.0	10.0	04/01/2022	ND	217	108	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/01/2022	ND					

Surrogate: 1-Chlorooctane 88.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 03/30/2022  
 Reported: 04/04/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/30/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 13 VERTICAL @ 4' (H221279-03)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2022	ND	2.10	105	2.00	2.04	
Toluene*	<0.050	0.050	04/02/2022	ND	2.12	106	2.00	4.16	
Ethylbenzene*	<0.050	0.050	04/02/2022	ND	2.09	104	2.00	1.74	
Total Xylenes*	<0.150	0.150	04/02/2022	ND	6.15	102	6.00	1.19	
Total BTX	<0.300	0.300	04/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4080	16.0	04/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2022	ND	189	94.4	200	3.29	
DRO >C10-C28*	<10.0	10.0	04/01/2022	ND	217	108	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/01/2022	ND					

Surrogate: 1-Chlorooctane 87.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/30/2022  
 Reported: 04/04/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/30/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 14 VERTICAL @ 4' (H221279-04)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2022	ND	2.10	105	2.00	2.04	
Toluene*	<0.050	0.050	04/02/2022	ND	2.12	106	2.00	4.16	
Ethylbenzene*	<0.050	0.050	04/02/2022	ND	2.09	104	2.00	1.74	
Total Xylenes*	<0.150	0.150	04/02/2022	ND	6.15	102	6.00	1.19	
Total BTEX	<0.300	0.300	04/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7040	16.0	04/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2022	ND	189	94.4	200	3.29	
DRO >C10-C28*	<10.0	10.0	04/01/2022	ND	217	108	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/01/2022	ND					

Surrogate: 1-Chlorooctane 94.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/30/2022  
 Reported: 04/04/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/30/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 15 VERTICAL @ 4' (H221279-05)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/02/2022	ND	2.10	105	2.00	2.04		
Toluene*	<0.050	0.050	04/02/2022	ND	2.12	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/02/2022	ND	2.09	104	2.00	1.74		
Total Xylenes*	<0.150	0.150	04/02/2022	ND	6.15	102	6.00	1.19		
Total BTEx	<0.300	0.300	04/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3360	16.0	04/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2022	ND	189	94.4	200	3.29	
DRO >C10-C28*	<10.0	10.0	04/01/2022	ND	217	108	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/01/2022	ND					

Surrogate: 1-Chlorooctane 86.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.9 % 59.5-142

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**Analytical Results For:**

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

Received: 03/30/2022  
 Reported: 04/04/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/30/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 16 VERTICAL @ 4' (H221279-06)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/02/2022	ND	2.10	105	2.00	2.04		
Toluene*	<0.050	0.050	04/02/2022	ND	2.12	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/02/2022	ND	2.09	104	2.00	1.74		
Total Xylenes*	<0.150	0.150	04/02/2022	ND	6.15	102	6.00	1.19		
Total BTEx	<0.300	0.300	04/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5840	16.0	04/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2022	ND	189	94.4	200	3.29	
DRO >C10-C28*	<10.0	10.0	04/01/2022	ND	217	108	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/01/2022	ND					

Surrogate: 1-Chlorooctane 90.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.5 % 59.5-142

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**Analytical Results For:**

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

Received: 03/30/2022  
 Reported: 04/04/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/30/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 17 VERTICAL @ 4' (H221279-07)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2022	ND	1.94	97.2	2.00	5.90	
Toluene*	<0.050	0.050	04/02/2022	ND	1.97	98.4	2.00	4.93	
Ethylbenzene*	<0.050	0.050	04/02/2022	ND	1.87	93.6	2.00	5.37	
Total Xylenes*	<0.150	0.150	04/02/2022	ND	5.82	97.1	6.00	5.20	
Total BTX	<0.300	0.300	04/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4880	16.0	04/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2022	ND	189	94.4	200	3.29	
DRO >C10-C28*	<10.0	10.0	04/01/2022	ND	217	108	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/01/2022	ND					

Surrogate: 1-Chlorooctane 88.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.1 % 59.5-142

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**Analytical Results For:**

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

Received: 03/30/2022  
 Reported: 04/04/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/30/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 18 VERTICAL @ 4' (H221279-08)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2022	ND	1.94	97.2	2.00	5.90	
Toluene*	<0.050	0.050	04/02/2022	ND	1.97	98.4	2.00	4.93	
Ethylbenzene*	<0.050	0.050	04/02/2022	ND	1.87	93.6	2.00	5.37	
Total Xylenes*	<0.150	0.150	04/02/2022	ND	5.82	97.1	6.00	5.20	
Total BTEX	<0.300	0.300	04/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	04/04/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2022	ND	189	94.4	200	3.29	
DRO >C10-C28*	<10.0	10.0	04/01/2022	ND	217	108	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/01/2022	ND					

Surrogate: 1-Chlorooctane 84.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.7 % 59.5-142

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**Analytical Results For:**

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

Received: 03/30/2022  
 Reported: 04/04/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/30/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 19 VERTICAL @ 4' (H221279-09)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2022	ND	1.94	97.2	2.00	5.90	
Toluene*	<0.050	0.050	04/02/2022	ND	1.97	98.4	2.00	4.93	
Ethylbenzene*	<0.050	0.050	04/02/2022	ND	1.87	93.6	2.00	5.37	
Total Xylenes*	<0.150	0.150	04/02/2022	ND	5.82	97.1	6.00	5.20	
Total BTX	<0.300	0.300	04/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3840	16.0	04/04/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2022	ND	189	94.4	200	3.29	
DRO >C10-C28*	85.8	10.0	04/01/2022	ND	217	108	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/01/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.9 % 59.5-142

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**Analytical Results For:**

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

Received: 03/30/2022  
 Reported: 04/04/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/30/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 20 VERTICAL @ 4' (H221279-10)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2022	ND	1.94	97.2	2.00	5.90	
Toluene*	<0.050	0.050	04/02/2022	ND	1.97	98.4	2.00	4.93	
Ethylbenzene*	<0.050	0.050	04/02/2022	ND	1.87	93.6	2.00	5.37	
Total Xylenes*	<0.150	0.150	04/02/2022	ND	5.82	97.1	6.00	5.20	
Total BTEX	<0.300	0.300	04/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1700	16.0	04/04/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2022	ND	189	94.4	200	3.29	
DRO >C10-C28*	370	10.0	04/01/2022	ND	217	108	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/01/2022	ND					

Surrogate: 1-Chlorooctane 79.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/30/2022  
 Reported: 04/04/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/30/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 21 VERTICAL @ 4' (H221279-11)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2022	ND	1.94	97.2	2.00	5.90	
Toluene*	<0.050	0.050	04/02/2022	ND	1.97	98.4	2.00	4.93	
Ethylbenzene*	<0.050	0.050	04/02/2022	ND	1.87	93.6	2.00	5.37	
Total Xylenes*	<0.150	0.150	04/02/2022	ND	5.82	97.1	6.00	5.20	
Total BTEX	<0.300	0.300	04/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	04/04/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2022	ND	189	94.4	200	3.29	
DRO >C10-C28*	<10.0	10.0	04/01/2022	ND	217	108	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/01/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.1 % 59.5-142

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**Analytical Results For:**

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

Received: 03/30/2022  
 Reported: 04/04/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/30/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SR - 24 VERTICAL @ 4' (H221279-12)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2022	ND	1.94	97.2	2.00	5.90	
Toluene*	<0.050	0.050	04/02/2022	ND	1.97	98.4	2.00	4.93	
Ethylbenzene*	<0.050	0.050	04/02/2022	ND	1.87	93.6	2.00	5.37	
Total Xylenes*	<0.150	0.150	04/02/2022	ND	5.82	97.1	6.00	5.20	
Total BTX	<0.300	0.300	04/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	04/04/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2022	ND	189	94.4	200	3.29	
DRO >C10-C28*	<10.0	10.0	04/01/2022	ND	217	108	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	04/01/2022	ND					

Surrogate: 1-Chlorooctane 87.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager

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---

### Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

---

Celey D. Keene, Lab Director/Quality Manager

Page 15 of 16

Page 16 of 16



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

April 06, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: NBR STATE 1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 03/31/22 15:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 03/31/2022  
 Reported: 04/06/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SRW - 4 N @ 2' (H221298-01)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/04/2022	ND	2.12	106	2.00	11.5		
Toluene*	<0.050	0.050	04/04/2022	ND	2.09	105	2.00	12.1		
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	1.98	99.2	2.00	11.2		
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.19	103	6.00	11.6		
Total BTEX	<0.300	0.300	04/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	04/04/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	186	93.2	200	1.47	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	213	106	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 94.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.8 % 59.5-142

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**Analytical Results For:**

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

Received: 03/31/2022  
 Reported: 04/06/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SR - 22 VERTICAL @ 4' (H221298-02)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.12	106	2.00	11.5	
Toluene*	<0.050	0.050	04/04/2022	ND	2.09	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	1.98	99.2	2.00	11.2	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.19	103	6.00	11.6	
Total BTX	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1740	16.0	04/04/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	186	93.2	200	1.47	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	213	106	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 92.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/31/2022  
 Reported: 04/06/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SR - 23 VERTICAL @ 4' (H221298-03)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.12	106	2.00	11.5	
Toluene*	<0.050	0.050	04/04/2022	ND	2.09	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	1.98	99.2	2.00	11.2	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.19	103	6.00	11.6	
Total BTEx	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1150	16.0	04/04/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	186	93.2	200	1.47	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	213	106	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 140 % 59.5-142

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**Analytical Results For:**

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

Received: 03/31/2022  
 Reported: 04/06/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SR - 25 VERTICAL @ 4' (H221298-04)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.12	106	2.00	11.5	
Toluene*	<0.050	0.050	04/04/2022	ND	2.09	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	1.98	99.2	2.00	11.2	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.19	103	6.00	11.6	
Total BTEx	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	04/04/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	186	93.2	200	1.47	
DRO >C10-C28*	11.5	10.0	04/04/2022	ND	213	106	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 93.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.9 % 59.5-142

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**Analytical Results For:**

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

Received: 03/31/2022  
 Reported: 04/06/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SR - 26 VERTICAL @ 4' (H221298-05)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.12	106	2.00	11.5	
Toluene*	<0.050	0.050	04/04/2022	ND	2.09	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	1.98	99.2	2.00	11.2	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.19	103	6.00	11.6	
Total BTEx	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1230	16.0	04/04/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	186	93.2	200	1.47	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	213	106	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 85.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 03/31/2022  
 Reported: 04/06/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SR - 27 VERTTICAL @ 4' (H221298-06)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.12	106	2.00	11.5	
Toluene*	<0.050	0.050	04/04/2022	ND	2.09	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	1.98	99.2	2.00	11.2	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.19	103	6.00	11.6	
Total BTEx	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1380	16.0	04/04/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	186	93.2	200	1.47	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	213	106	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 93.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/31/2022  
 Reported: 04/06/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SR - 28 VERTICAL @ 4' (H221298-07)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.12	106	2.00	11.5	
Toluene*	<0.050	0.050	04/04/2022	ND	2.09	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	1.98	99.2	2.00	11.2	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.19	103	6.00	11.6	
Total BTEx	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1700	16.0	04/04/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	186	93.2	200	1.47	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	213	106	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 77.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 76.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/31/2022  
 Reported: 04/06/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SR - 29 VERTICAL @ 4' (H221298-08)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.12	106	2.00	11.5	
Toluene*	<0.050	0.050	04/04/2022	ND	2.09	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	1.98	99.2	2.00	11.2	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.19	103	6.00	11.6	
Total BTEx	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1920	16.0	04/04/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	186	93.2	200	1.47	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	213	106	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 80.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.9 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/31/2022  
 Reported: 04/06/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SR - 30 VERTICAL @ 4' (H221298-09)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.12	106	2.00	11.5	
Toluene*	<0.050	0.050	04/04/2022	ND	2.09	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	1.98	99.2	2.00	11.2	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.19	103	6.00	11.6	
Total BTEx	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3440	16.0	04/04/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	166	83.2	200	6.59	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	157	78.6	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/31/2022  
 Reported: 04/06/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SRW - 5 E @ 2' (H221298-10)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.12	106	2.00	11.5	
Toluene*	<0.050	0.050	04/04/2022	ND	2.09	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	1.98	99.2	2.00	11.2	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.19	103	6.00	11.6	
Total BTEx	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/04/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	166	83.2	200	6.59	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	157	78.6	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 87.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.9 % 59.5-142

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**Analytical Results For:**

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

Received: 03/31/2022  
 Reported: 04/06/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SRW - 6 S @ 2' (H221298-11)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.12	106	2.00	11.5	
Toluene*	<0.050	0.050	04/04/2022	ND	2.09	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	1.98	99.2	2.00	11.2	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.19	103	6.00	11.6	
Total BTEx	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	04/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	166	83.2	200	6.59	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	157	78.6	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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**Analytical Results For:**

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

Received: 03/31/2022  
 Reported: 04/06/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SRW - 7 S @ 2' (H221298-12)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.12	106	2.00	11.5	
Toluene*	<0.050	0.050	04/04/2022	ND	2.09	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	1.98	99.2	2.00	11.2	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.19	103	6.00	11.6	
Total BTEx	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/04/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	166	83.2	200	6.59	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	157	78.6	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.0 % 59.5-142

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**Analytical Results For:**

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

Received: 03/31/2022  
 Reported: 04/06/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SRW - 8 W @ 2' (H221298-13)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.12	106	2.00	11.5	
Toluene*	<0.050	0.050	04/04/2022	ND	2.09	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	1.98	99.2	2.00	11.2	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.19	103	6.00	11.6	
Total BTEx	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	04/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	166	83.2	200	6.59	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	157	78.6	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 91.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.2 % 59.5-142

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**Analytical Results For:**

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

Received: 03/31/2022  
 Reported: 04/06/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SR - 35 VERTICAL @ 4' (H221298-14)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.12	106	2.00	11.5	
Toluene*	<0.050	0.050	04/04/2022	ND	2.09	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	1.98	99.2	2.00	11.2	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.19	103	6.00	11.6	
Total BTEx	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	04/04/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	166	83.2	200	6.59	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	157	78.6	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 86.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/31/2022  
 Reported: 04/06/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SR - 36 VERTICAL @ 4' (H221298-15)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.12	106	2.00	11.5	
Toluene*	<0.050	0.050	04/04/2022	ND	2.09	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	1.98	99.2	2.00	11.2	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.19	103	6.00	11.6	
Total BTEx	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1840	16.0	04/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	166	83.2	200	6.59	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	157	78.6	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 89.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 03/31/2022  
 Reported: 04/06/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SR - 37 VERTICAL @ 4' (H221298-16)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.12	106	2.00	11.5	
Toluene*	<0.050	0.050	04/04/2022	ND	2.09	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	1.98	99.2	2.00	11.2	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.19	103	6.00	11.6	
Total BTX	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1710	16.0	04/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	166	83.2	200	6.59	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	157	78.6	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 86.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.7 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/31/2022  
 Reported: 04/06/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SR - 38 VERTICAL @ 4' (H221298-17)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.12	106	2.00	11.5	
Toluene*	<0.050	0.050	04/04/2022	ND	2.09	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	1.98	99.2	2.00	11.2	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.19	103	6.00	11.6	
Total BTEx	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3160	16.0	04/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	166	83.2	200	6.59	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	157	78.6	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 85.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/31/2022  
 Reported: 04/06/2022  
 Project Name: NBR STATE 1 SWD  
 Project Number: NONE GIVEN  
 Project Location: OXY - LEA CO NM

Sampling Date: 03/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SR - 39 VERTICAL @ 4' (H221298-18)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2022	ND	2.12	106	2.00	11.5	
Toluene*	<0.050	0.050	04/04/2022	ND	2.09	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	04/04/2022	ND	1.98	99.2	2.00	11.2	
Total Xylenes*	<0.150	0.150	04/04/2022	ND	6.19	103	6.00	11.6	
Total BTX	<0.300	0.300	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	04/04/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2022	ND	166	83.2	200	6.59	
DRO >C10-C28*	<10.0	10.0	04/04/2022	ND	157	78.6	200	12.8	
EXT DRO >C28-C36	<10.0	10.0	04/04/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.4 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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





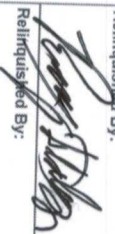
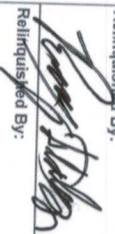
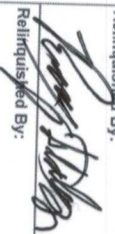
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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories		101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	
Company Name: Trinity Oilfield Services				BILL TO	
Project Manager: Dan Dunkelberg				P.O. #:	
Address: 8426 N Dal Paso				Company: OXY USA Inc.	
City: Hobbs				Attn: Wade Dittich	
Phone #: 575 390 7560				State: NM Zip: 88241	
Project #: 575 390 7560				Address:	
Project Name: NBR State 1 SWD				City:	
Project Location: Lea Co., NM				State:	
Sampler Name: RS				Phone #:	
FOR LAB USE ONLY				Fax #:	
Lab I.D. H221298		Sample I.D.		DATE	
1 SRW-4 N @ 2'		C 1		3/31/2022 9:05	
2 SR-22 Vertical @ 4'		C 1		3/31/2022 9:10	
3 SR-23 Vertical @ 4'		C 1		3/31/2022 9:15	
4 SR-25 Vertical @ 4'		C 1		3/31/2022 9:20	
5 SR-26 Vertical @ 4'		C 1		3/31/2022 9:25	
6 SR-27 Vertical @ 4'		C 1		3/31/2022 9:30	
7 SR-28 Vertical @ 4'		C 1		3/31/2022 9:35	
8 SR-29 Vertical @ 4'		C 1		3/31/2022 9:40	
9 SR-30 Vertical @ 4'		C 1		3/31/2022 9:45	
10 SRW-5 E @ 2'		C 1		3/31/2022 9:50	
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Relinquished By: [Signature]		Received By: [Signature]		Verbal Result: Yes No Add'l Phone #:	
Relinquished By: [Signature]		Received By: [Signature]		REMARKS:	
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition	
Cool Intact		Corrected Temp. °C		Cool Intact	
Sample - UPS - Bus - Other:		Corrected Temp. °C		Cool Intact	
Turnaround Time:		Thermometer ID #113		Correction Factor -0.5 °C	
Standard		Rush		Bacteria (only) Sample Condition	
Cool Intact		Cool Intact		Observed Temp. °C	
Corrected Temp. °C		Corrected Temp. °C		Corrected Temp. °C	

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



 <b>CARDINAL</b> Laboratories		101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		<b>CHAIN-OF-CUSTODY AND ANALYSIS REQUEST</b>	
Company Name: Trinity Oilfield Services Project Manager: Dan Dunkelberg Address: 8426 N Dal Paso City: Hobbs Phone #: 575 390 7560 Project #: Project Name: NBR State 1 SWD Project Location: Lea Co., NM Sampler Name: RS		P.O. #: Company: OXY USA Inc. Attn: Wade Dietrich Address: City: State: Zip: Phone #: Fax #:		<b>BILL TO</b>	
Date: 5-3-22 Received By:  Date: 5-3-22 Received By:  Date: 5-3-22 Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address: REMARKS:		<b>ANALYSIS REQUEST</b>	
Relinquished By:  Relinquished By:  Relinquished By: 		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Observed Temp. °C Yes <input type="checkbox"/> No <input type="checkbox"/>		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Observed Temp. °C Yes <input type="checkbox"/> No <input type="checkbox"/>	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C: 28.4 Corrected Temp. °C: 21.9 Sample Condition: Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: (Initials) <i>TP</i> Thermonet ID #113 Correction Factor -0.5 °C		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Observed Temp. °C Yes <input type="checkbox"/> No <input type="checkbox"/>	

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Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX
11	SRW-6 S @ 2'	C 1	X										3/31/2022	9:55	X	X	X
12	SRW-7 S @ 2'	C 1	X										3/31/2022	10:00	X	X	X
13	SRW-8 W @ 2'	C 1	X										3/31/2022	10:05	X	X	X
14	SR-35 Vertical @ 4'	C 1	X										3/31/2022	10:10	X	X	X
15	SR-36 Vertical @ 4'	C 1	X										3/31/2022	10:15	X	X	X
16	SR-37 Vertical @ 4'	C 1	X										3/31/2022	10:20	X	X	X
17	SR-38 Vertical @ 4'	C 1	X										3/31/2022	10:25	X	X	X
18	SR-39 Vertical @ 4'	C 1	X										3/31/2022	10:30	X	X	X

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

**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 123797

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 123797
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	11/15/2022