

Trinity Oilfield Services & Rentals, LLC



June 17th, 2024

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

Re: **Remediation Closure Request**
Red Tank 27-28 OG
Tracking #: NAPP2134051416

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

Site Information	
Incident ID	NAPP2134051416
Site Name	Red Tank 27-28 OG
Company	OXY USA, Inc.
County	Lea
ULSTR	E-27-22S-32E
GPS Coordinates (NAD 83)	32.36509,-103.66921
Landowner	Federal

HISTORICAL RELEASE BACKGROUND

On 12/06/2021, OXY USA, Inc. reported a release at the Red Tank 27-28 OG. The release was caused when a 1/2 inch valve at a discharge location was left open at the recirculation pumps at the battery. Approximately 4,799 sqft. of the Pad was found to be damp upon initial inspection.

Release Information	
Date of Release	12/04/2021
Type of Release	Crude Oil
Source of Release	Human Error
Volume Released – Produced Water	0 bbls
Volume Recovered – Produced Water	0 bbls
Volume Released – Crude Oil	25 bbls
Volume Recovered – Crude Oil	23 bbls
Affected Area – Damp Soil	Pad - Approximately 4,799 sqft.
Site Location Map	Attached

SITE CHARACTERIZATION AND CLOSURE CRITERIA**Depth to Groundwater/Wellhead Protection:**

Data Source	Well Number	Data Date	Depth (ft.)
NM OSE	NA	NA	NA
USGS	NA	NA	NA
Soil Bore	SB-01	04/05/2022	105'

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

On 04/05/2022, Trinity was on-site to drill a groundwater determination borehole SB-01 to 105' below ground surface within a $\frac{1}{2}$ mile radius of the incident location. The borehole was left open for 72 hours and checked for the presence of groundwater. As a result, no water was detected at 105' below surface at the borehole location (32.366208, -103.670411). The driller log is attached for reference.

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

Closure Criteria:

On-Site & Off-Site 4ft bgs Recommended Remedial Action Levels (RRALs)	
Chlorides	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 if impacted by the release, per NMAC 19.15.29.13.D (1) for the top four feet of areas that will be reclaimed following remediation.

INITIAL ASSESSMENT AND REMEDIATION ACTIVITIES**Initial Sample Activities:**

Delineation Summary	
Delineation Dates	03/28/2023 – 03/29/2023
Depths Sampled	0' - 5'
Delineation Map	Attached
Laboratory Results	Table 1

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

Confirmation Activities:

Remediation Summary	
Remediation Dates	07/05/2023 - 08/17/2023
Liner Variance Request	None
Deferral Request	None
Depths Excavated	3' - 5'
Area Represented by the required 5-point Confirmation Samples – Floors and Walls	200 sqft.
Total Volume of Excavated Soil	652 yards
Remediation Map	Attached
Laboratory Results	Table 2

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

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

REQUEST FOR CONFIRMATION SAMPLE NOTIFICATION VARIANCE

Trinity, on behalf of OXY USA, Inc., kindly requests a variance per the requirements of 19.15.29.12 D.(1)(a). A proper two-day notice was not dispatched at the designated time. Laboratory data is within closure criteria limits and the current condition of the release does not cause an imminent risk to human health, the environment, or groundwater. Correspondence with Mike Bratcher detailing the addressed variance request and commitment to compliance is attached for reference.

SITE RECLAMATION AND RESTORATION

Areas affected by the release and the associated remediation activities were restored to a condition that existed before the release to the extent practicable. The affected area was contoured and/or compacted to provide erosion control, stability, and preservation of surface water flow. Final reclamation of the well pad shall take place in accordance with 19.15.29.13 NMAC once the site is no longer being used for oil and gas operations.

REQUEST FOR REMEDIATION CLOSURE APPROVAL

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

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

Sincerely,



Dan Dunkelberg
Project Manager



Cynthia Jordan
Project Scientist

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

OXY USA, INC.
RED TANK 27-28 OG
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2134051416



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	VERTICAL/ HORIZONTAL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
On-Site, & Deeper than 4' Pasture							20000	2500	1000	NE	NE	NE	50	10
Delineation Special Circumstance, NMOCD Delineation Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
Vertical Delineation														
SP-001-00.0-V-S	0	3/28/2023	Vertical	On-Site	Grab	In-Situ	96.0	36500.0	29900.0	<50.0	29900.0	6600.0	2.21	<0.050
SP-001-01.0-V-S	1	3/28/2023	Vertical	On-Site	Grab	In-Situ	32.0	11025.0	10140.0	2630.0	7510.0	885.0	107	<0.500
SP-001-02.0-V-S	2	3/28/2023	Vertical	On-Site	Grab	In-Situ	16.0	2022.0	1760.0	270.0	1490.0	262.0	12.4	<0.050
SP-001-03.0-V-S	3	3/28/2023	Vertical	On-Site	Grab	In-Situ	<16.0	81.1	23.9	<10.0	23.9	57.2	<0.300	<0.050
SP-001-04.0-V-S	4	3/28/2023	Vertical	On-Site	Grab	In-Situ	16.0	188.1	152.7	11.7	141.0	35.4	<0.300	<0.050
SP-001-05.0-V-S	5	3/29/2023	Vertical	On-Site	Grab	In-Situ	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-002-00.0-V-S	0	3/28/2023	Vertical	On-Site	Grab	In-Situ	48.0	37790.0	30300.0	200.0	30100.0	7490.0	8.11	<0.050
SP-002-01.0-V-S	1	3/28/2023	Vertical	On-Site	Grab	In-Situ	16.0	6558.0	5890.0	790.0	5100.0	668.0	24.6	<0.050
SP-002-02.0-V-S	2	3/28/2023	Vertical	On-Site	Grab	In-Situ	<16.0	988.7	796.7	45.7	751.0	192.0	1.08	<0.050
SP-002-03.0-V-S	3	3/28/2023	Vertical	On-Site	Grab	In-Situ	<16.0	1352.1	1198.1	88.1	1110.0	154.0	1.68	<0.050
SP-002-04.0-V-S	4	3/28/2023	Vertical	On-Site	Grab	In-Situ	32.0	276.2	218.0	<10.0	218.0	58.2	<0.300	<0.050
SP-002-05.0-V-S	5	3/29/2023	Vertical	On-Site	Grab	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-003-00.0-V-S	0	3/28/2023	Vertical	On-Site	Grab	In-Situ	160	7740.1	6120.1	10.1	6110.0	1620.0	<0.300	<0.050
SP-003-01.0-V-S	1	3/28/2023	Vertical	On-Site	Grab	In-Situ	16.0	5294.0	4513.0	153.0	4360.0	781.0	3.42	<0.050
SP-003-02.0-V-S	2	3/28/2023	Vertical	On-Site	Grab	In-Situ	<16.0	3737.0	3192.0	262.0	2930.0	545.0	3.17	<0.050
SP-003-03.0-V-S	3	3/28/2023	Vertical	On-Site	Grab	In-Situ	32.0	1511.9	1278.9	88.9	1190.0	233.0	1.12	<0.050
SP-003-04.0-V-S	4	3/28/2023	Vertical	On-Site	Grab	In-Situ	16.0	852.8	717.8	36.8	681.0	135.0	<0.300	<0.050
SP-003-05.0-V-S	5	3/29/2023	Vertical	On-Site	Grab	In-Situ	16.0	145.4	121.0	<10.0	121.0	24.4	<0.300	<0.050
SP-004-00.0-V-S	0	3/28/2023	Vertical	On-Site	Grab	In-Situ	336	41945.0	34285.0	285.0	34000.0	7660.0	15.2	0.158
SP-004-01.0-V-S	1	3/28/2023	Vertical	On-Site	Grab	In-Situ	64.0	20670.0	18290.0	3090.0	15200.0	2380.0	369	3.39
SP-004-02.0-V-S	2	3/28/2023	Vertical	On-Site	Grab	In-Situ	<16.0	5358.0	4738.0	728.0	4010.0	620.0	36.9	<0.100
SP-004-03.0-V-S	3	3/28/2023	Vertical	On-Site	Grab	In-Situ	<16.0	5933.0	5200.0	600.0	4600.0	733.0	20.8	<0.100
SP-004-04.0-V-S	4	3/28/2023	Vertical	On-Site	Grab	In-Situ	<16.0	7662.0	6830.0	1160.0	5670.0	832.0	48.0	0.333
SP-004-05.0-V-S	1	3/29/2023	Vertical	On-Site	Grab	In-Situ	32.0	543.8	477.5	39.5	438.0	66.3	<0.300	<0.050
Horizontal Delineation														
SP-001-01.0-HN-S	1	3/29/2023	Horizontal	On-Site	Grab	In-Situ	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-002-01.0-HS-S	1	3/29/2023	Horizontal	On-Site	Grab	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-002-01.0-HW-S	1	3/29/2023	Horizontal	On-Site	Grab	In-Situ	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-003-01.0-HS-S	1	3/29/2023	Horizontal	On-Site	Grab	In-Situ	192.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-003-01.0-HE-S	1	3/29/2023	Horizontal	On-Site	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-004-01.0-HN-S	1	3/29/2023	Horizontal	On-Site	Grab	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050

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

OXY USA, INC.
RED TANK 27-28 OG
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2134051416



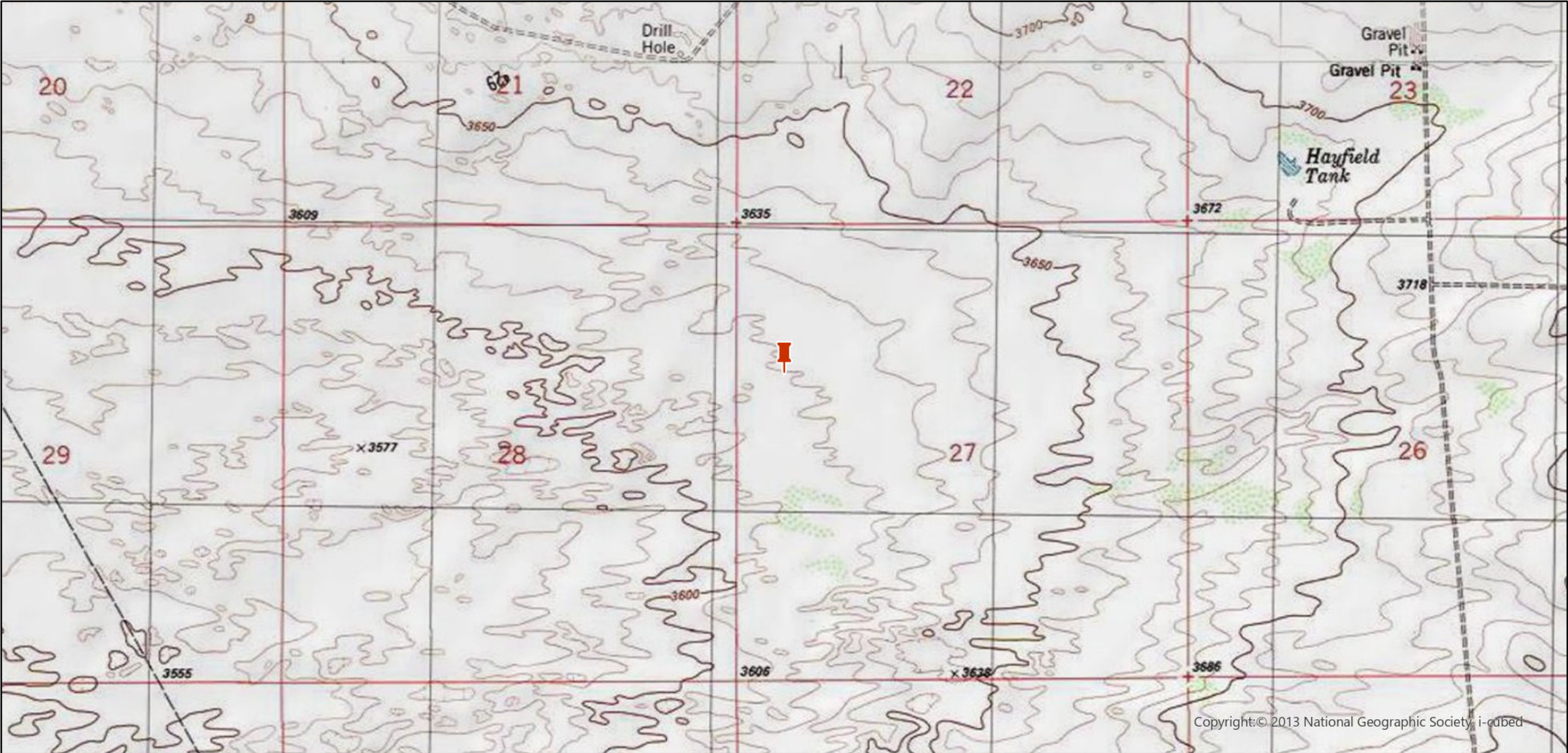
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/WALL	OFF-SITE/ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
Remediation Floors														
CF-001.0-03.0-S	3	7/5/2023	Floor	On-Site	Composite	In-Situ	32.0	779.0	643.0	<10.0	643.0	136.0	<.300	<0.50
CF-002.0-03.0-S	3	7/5/2023	Floor	On-Site	Composite	Excavated	16.0	2,807.9	2,302.9	52.9	2,250.0	505.0	<.300	<0.50
CF-002.0-04.0-S	4	7/18/2023	Floor	On-Site	Composite	In-Situ	16.0	28.2	28.2	<10.0	28.2	<10.0	<.300	<0.50
CF-003.0-03.0-S	3	7/5/2023	Floor	On-Site	Composite	In-Situ	16.0	154.2	110.0	<10.0	110.0	44.2	<.300	<0.50
CF-004.0-03.0-S	3	7/5/2023	Floor	On-Site	Composite	In-Situ	32.0	41.7	31.2	<10.0	31.2	10.5	<.300	<0.50
CF-005.0-03.0-S	3	7/5/2023	Floor	On-Site	Composite	In-Situ	32.0	645.0	524.0	<10.0	524.0	121.0	<.300	<0.50
CF-006.0-03.0-S	3	7/5/2023	Floor	On-Site	Composite	In-Situ	32.0	101.7	79.2	<10.0	79.2	22.5	<.300	<0.50
CF-007.0-03.0-S	3	7/10/2023	Floor	On-Site	Composite	In-Situ	<16.0	60.6	49.4	<10.0	49.4	11.2	<.300	<0.50
CF-008.0-03.0-S	3	7/5/2023	Floor	On-Site	Composite	In-Situ	32.0	763.0	615.0	<10.0	615.0	148.0	<.300	<0.50
CF-009.0-03.0-S	3	7/5/2023	Floor	On-Site	Composite	Excavated	32.0	1,278.0	1,010.0	<10.0	1,010.0	268.0	<.300	<0.50
CF-009.0-04.0-S	4	7/18/2023	Floor	On-Site	Composite	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-010.0-04.0-S	4	7/5/2023	Floor	On-Site	Composite	In-Situ	32.0	87.3	56.7	<10.0	56.7	30.6	<.300	<0.50
CF-011.0-04.0-S	4	7/5/2023	Floor	On-Site	Composite	In-Situ	32.0	244.3	183.0	<10.0	183.0	61.3	<.300	<0.50
CF-012.0-04.0-S	4	7/10/2023	Floor	On-Site	Composite	In-Situ	<16.0	38.4	38.4	<10.0	38.4	<10.0	<.300	<0.50
CF-013.0-04.0-S	4	7/10/2023	Floor	On-Site	Composite	Excavated	16.0	8,230.0	6,710.0	180.0	6,530.0	1,520.0	2.94	<0.50
CF-013.0-05.0-S	5	7/18/2023	Floor	On-Site	Composite	In-Situ	32.0	16.9	16.9	<10.0	16.9	<10.0	<.300	<0.50
CF-014.0-04.0-S	4	7/10/2023	Floor	On-Site	Composite	Excavated	32.0	4,307.0	3,578.0	108.0	3,470.0	729.0	0.81	<0.50
CF-014.0-05.0-S	5	7/18/2023	Floor	On-Site	Composite	In-Situ	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-015.0-04.0-S	4	7/10/2023	Floor	On-Site	Composite	Excavated	<16.0	4,603.0	3,770.0	110.0	3,660.0	833.0	2.09	<0.50
CF-015.0-05.0-S	5	7/18/2023	Floor	On-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-016.0-04.0-S	4	7/10/2023	Floor	On-Site	Composite	Excavated	<16.0	3,145.3	2,517.3	17.3	2,500.0	628.0	<.300	<0.50
CF-016.0-05.0-S	5	7/18/2023	Floor	On-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-017.0-03.0-S	3	7/10/2023	Floor	On-Site	Composite	Excavated	<16.0	1,581.3	1,318.3	38.3	1,280.0	263.0	<.300	<0.50
CF-017.0-04.0-S	4	7/18/2023	Floor	On-Site	Composite	In-Situ	16.0	15.2	15.2	<10.0	15.2	<10.0	<.300	<0.50
CF-018.0-03.0-S	3	7/10/2023	Floor	On-Site	Composite	In-Situ	<16.0	88.3	74.4	<10.0	74.4	13.9	<.300	<0.50
CF-019.0-03.0-S	3	7/10/2023	Floor	On-Site	Composite	In-Situ	<16.0	1,149.0	852.0	<10.0	852.0	297.0	<.300	<0.50
CF-020.0-03.0-S	3	7/13/2023	Floor	On-Site	Composite	In-Situ	48.0	336.5	288.0	<10.0	288.0	48.5	<.300	<0.50
CF-021.0-03.0-S	3	7/13/2023	Floor	On-Site	Composite	In-Situ	48.0	1,158.0	920.0	<10.0	920.0	238.0	<.300	<0.50
CF-022.0-03.0-S	3	7/13/2023	Floor	On-Site	Composite	Excavated	<16.0	1,889.5	1,555.5	25.5	1,530.0	334.0	<.300	<0.50
CF-022.0-04.0-S	4	7/24/2023	Floor	On-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-023.0-03.0-S	3	7/13/2023	Floor	On-Site	Composite	Excavated	32.0	4,478.6	3,620.6	40.6	3,580.0	858.0	<.300	<0.50
CF-023.0-04.0-S	4	7/24/2023	Floor	On-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-024.0-03.0-S	3	7/13/2023	Floor	On-Site	Composite	Excavated	32.0	4,077.6	3,262.6	12.6	3,250.0	815.0	<.300	<0.50
CF-024.0-04.0-S	4	7/24/2023	Floor	On-Site	Composite	In-Situ	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-025.0-03.0-S	3	7/13/2023	Floor	On-Site	Composite	In-Situ	64.0	617.0	499.0	<10.0	499.0	118.0	<.300	<0.50
CF-026.0-03.0-S	3	7/13/2023	Floor	On-Site	Composite	In-Situ	16.0	761.0	558.0	<10.0	558.0	203.0	<.300	<0.50
CF-027.0-03.0-S	3	7/13/2023	Floor	On-Site	Composite	In-Situ	80.0	411.2	353.0	<10.0	353.0	58.2	<.300	<0.50
CF-028.0-03.0-S	3	7/13/2023	Floor	On-Site	Composite	Excavated	32.0	1,516.0	1,210.0	<10.0	1,210.0	306.0	<.300	<0.50

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

OXY USA, INC.
RED TANK 27-28 OG
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2134051416



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/WALL	OFF-SITE/ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
CF-028.0-04.0-S	4	7/24/2023	Floor	On-Site	Composite	In-Situ	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-029.0-03.0-S	3	7/13/2023	Floor	On-Site	Composite	In-Situ	64.0	446.4	380.0	<10.0	380.0	66.4	<.300	<0.50
CF-030.0-04.0-S	4	7/18/2023	Floor	On-Site	Composite	Excavated	32.0	1,877.0	1,500.0	<10.0	1,500.0	377.0	<.300	<0.50
CF-030.0-04.5-S	4.5	8/17/2023	Floor	On-Site	Composite	In-Situ	96.0	336.9	267.0	<10.0	267.0	69.9	<.300	<0.50
CF-031.0-04.0-S	4	7/18/2023	Floor	On-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-032.0-04.0-S	4	7/18/2023	Floor	On-Site	Composite	In-Situ	<16.0	10.2	10.2	<10.0	10.2	<10.0	<.300	<0.50
Remediation Walls														
CW-001.0-01.5-S	1.5	7/17/2023	Wall	On-Site	Composite	In-Situ	48.0	735.0	595.0	<10.0	595.0	140.0	<.300	<0.50
CW-002.0-01.5-S	1.5	7/17/2023	Wall	On-Site	Composite	In-Situ	32.0	349.7	265.0	<10.0	265.0	84.7	<.300	<0.50
CW-003.0-01.5-S	1.5	7/17/2023	Wall	On-Site	Composite	In-Situ	48.0	49.6	49.6	<10.0	49.6	<10.0	<.300	<0.50
CW-004.0-02.0-S	2	7/17/2023	Wall	On-Site	Composite	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-005.0-02.0-S	2	7/17/2023	Wall	On-Site	Composite	In-Situ	16.0	394.0	288.0	<10.0	288.0	106.0	<.300	<0.50
CW-006.0-02.0-S	2	7/18/2023	Wall	On-Site	Composite	In-Situ	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50



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Legend:



Site Location

Site Location Map
OXY USA, Inc.
Red Tank 27-28 OG
Lea County, New Mexico
32.36509, -103.66921
NMOCD Reference # NAPP2134051416

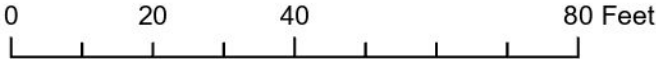




Legend:

- Sample Point
- Release Area

Delineation Map
OXY USA, Inc.
Red Tank 27-28 OG
32.36509, -103.66921
Lea County, New Mexico
NMOCD Reference # NAPP2134051416



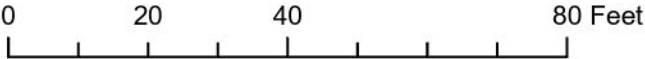


Maxar, Microsoft

Legend:

- Remediation Wall
- Remediation Floor
- Excavation Area

Remediation Map
OXY USA, Inc.
Red Tank 27-28 OG
32.36509, -103.66921
Lea County, New Mexico
NMOCD Reference # NAPP2134051416



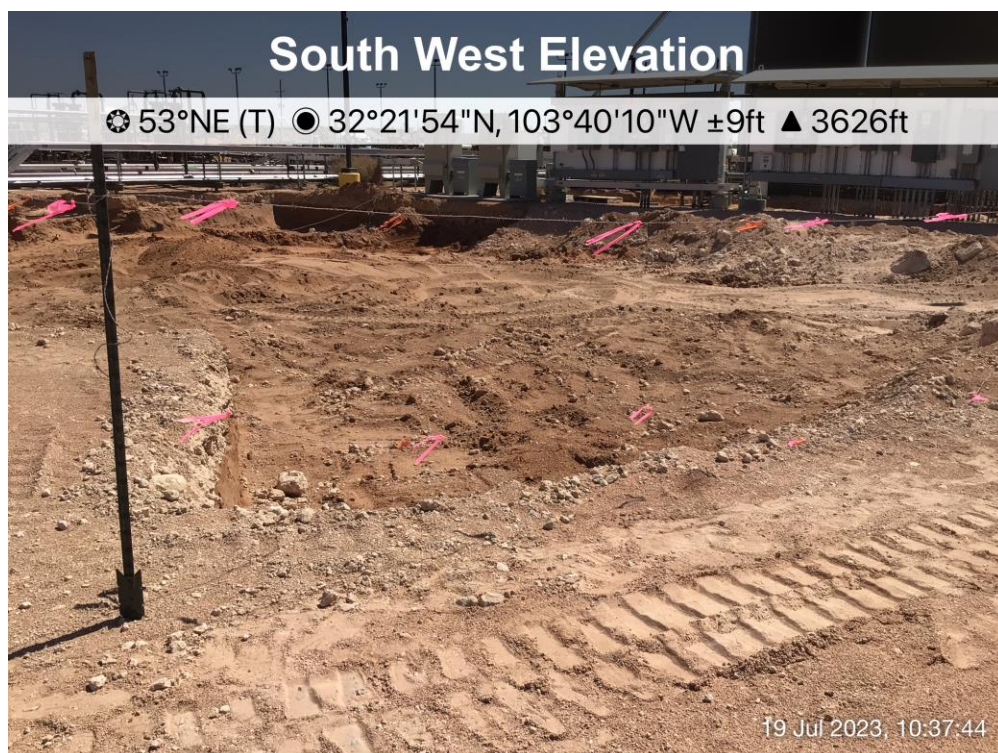


Excavation

On-Site:



On-Site:



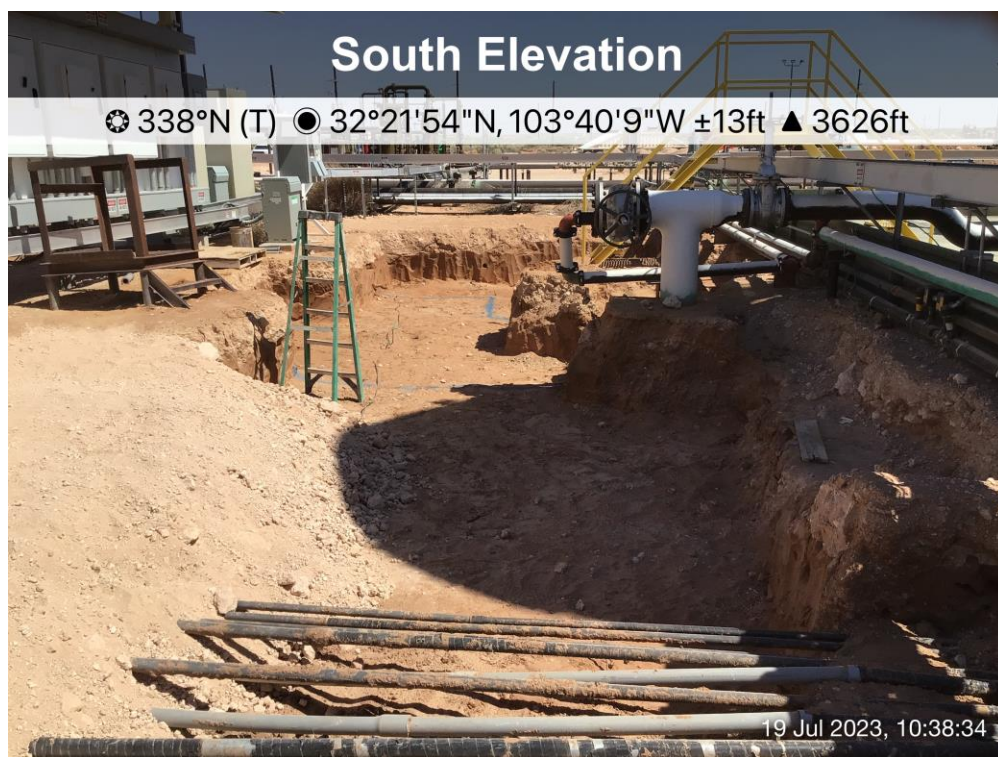


Excavation

On-Site:



On-Site:





Excavation

On-Site:



On-Site:





Excavation

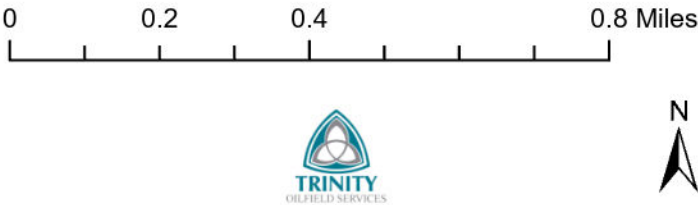
On-Site:





- Legend:**
- Site Location
 - Soil Bore
 - 1/2 Mile Buffer

Soil Bore Map
OXY USA, Inc.
Red Tank 27-28 OG
Lea County, New Mexico
32.36509, -103.66921
NMOCD Reference # NAPP2134051416





Soil Bore Log SB-01

PROJECT NAME Red Tank 27-28		DRILLING DATE 04/05/2022	COORDINATES 32.36509, -103.66921
CLIENT OXY USA, Inc.		TOTAL DEPTH 105'	COORD SYS NAD 83
			ULSTR N-11-26S-28E
			SURFACE ELEVATION 3624'
COMMENTS Spud on the Northwest corner of the Red Tank 27-28 SWD pad. Bore Hole was observed to be dry after 72 hrs.			LOGGED BY CJ
			CHECKED BY DD
Depth (ft)	Moisture	Material Description	Elevation (ft)
5	D	Caliche Road Base at Surface. Dry	3620
		Reddish Brown Sandy Loam. Dry	
10		Light Tan Sandy Loam. Dry	3615
			3610
15		Reddish Brown Sandy Clay Loam. Dry	
			3605
20			3600
			3595
25			3590
			3585
30		Light Gray Sandy Clay Loam. Dry	
			3580
35		Reddish Brown Sandy Clay Loam. Dry	
			3575
40			3570
			3565
45			3560
			3555
50			3550
			3545
55			3540
		Reddish Brown Clay Loam. Dry	
60		Light Tan Sandy Loam. Dry	3535
		Tan Sandy Loam. Dry	3530
65			
70			
75			
80			
85			
90		White Sandy Loam. Dry	3525
			3520
95			
100			
105		Termination Depth at: 105 ft.	
110			3515

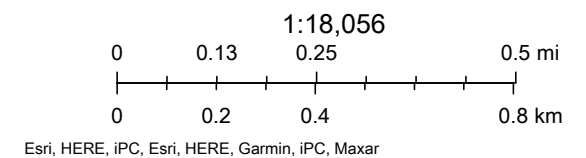
DRY HOLE This bore log is intended for evidence of depth to groundwater greater than 105'

Page 1 of 1

NAPP2134051416 | RED TANK 27-28 OG



1/25/2023, 12:57:33 PM





NAPP2134051416 | RED TANK 27-28 OG



January 25, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

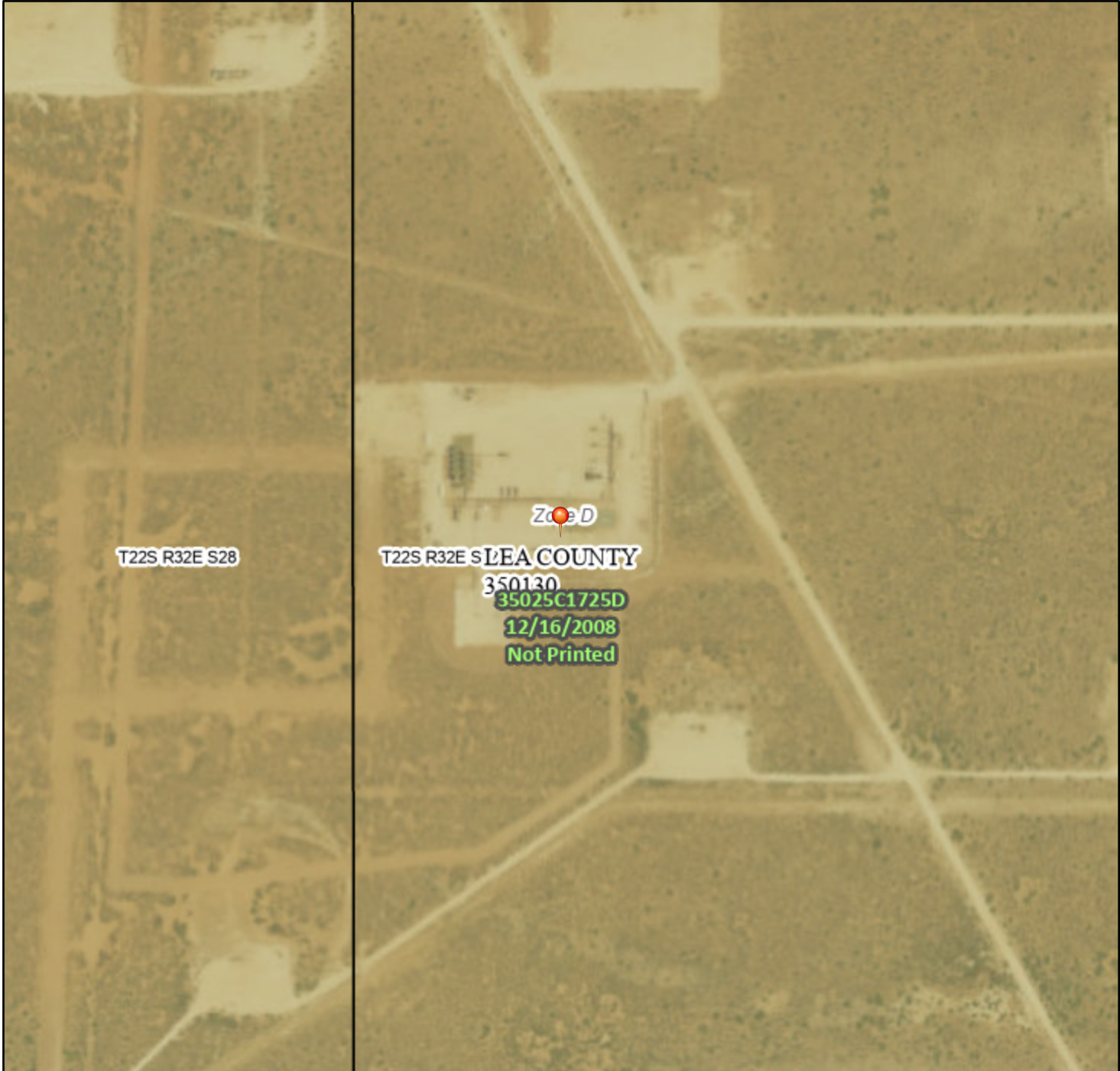
- Lake
- Other
- Riverine

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

National Flood Hazard Layer FIRMMette



103°40'28"W 32°22'9"N



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



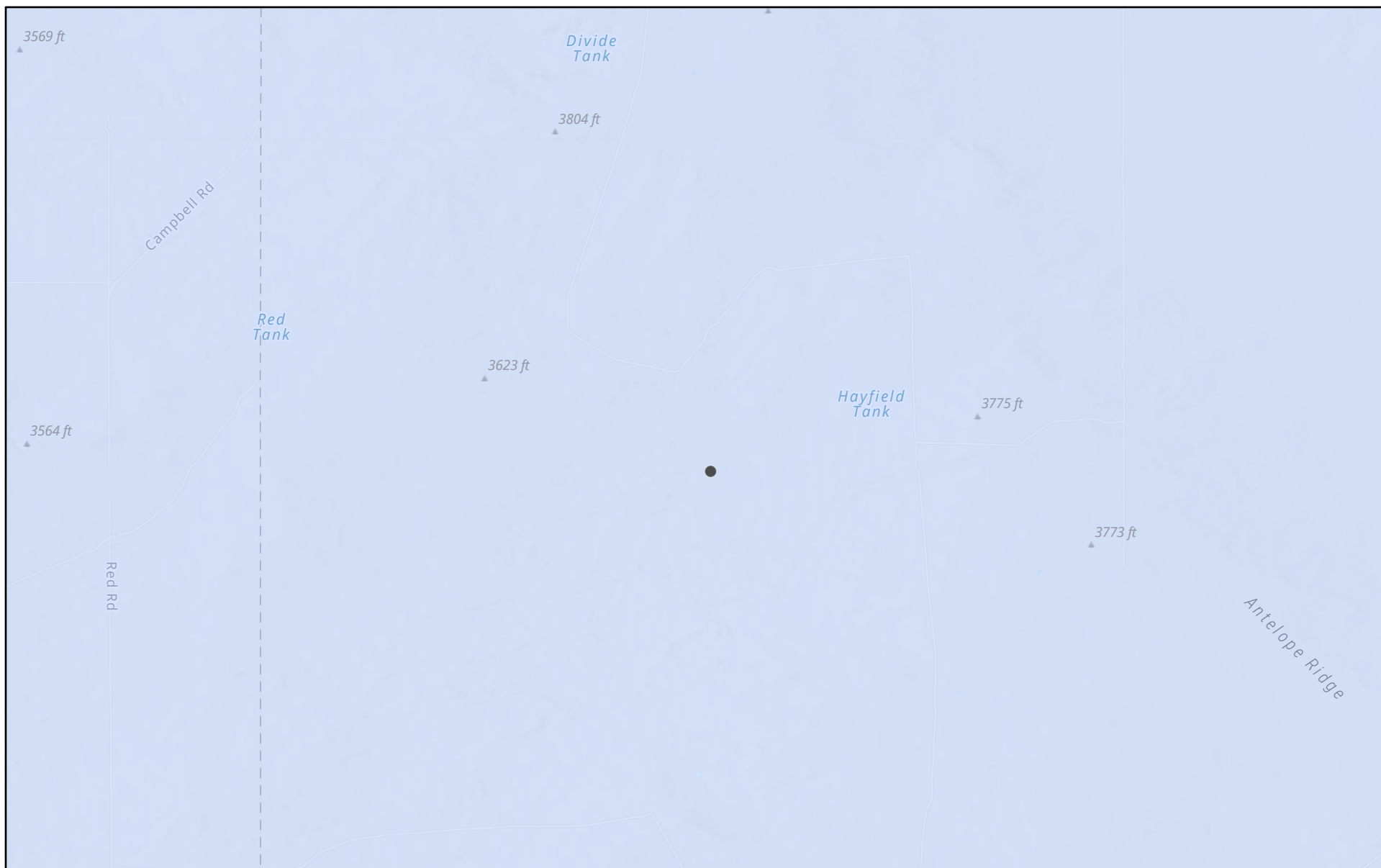
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/25/2023 at 3:02 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

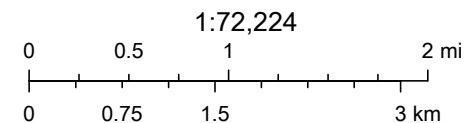
NAPP2134051416 | RED TANK 27-28 OG



1/25/2023, 1:01:46 PM

Karst Occurrence Potential

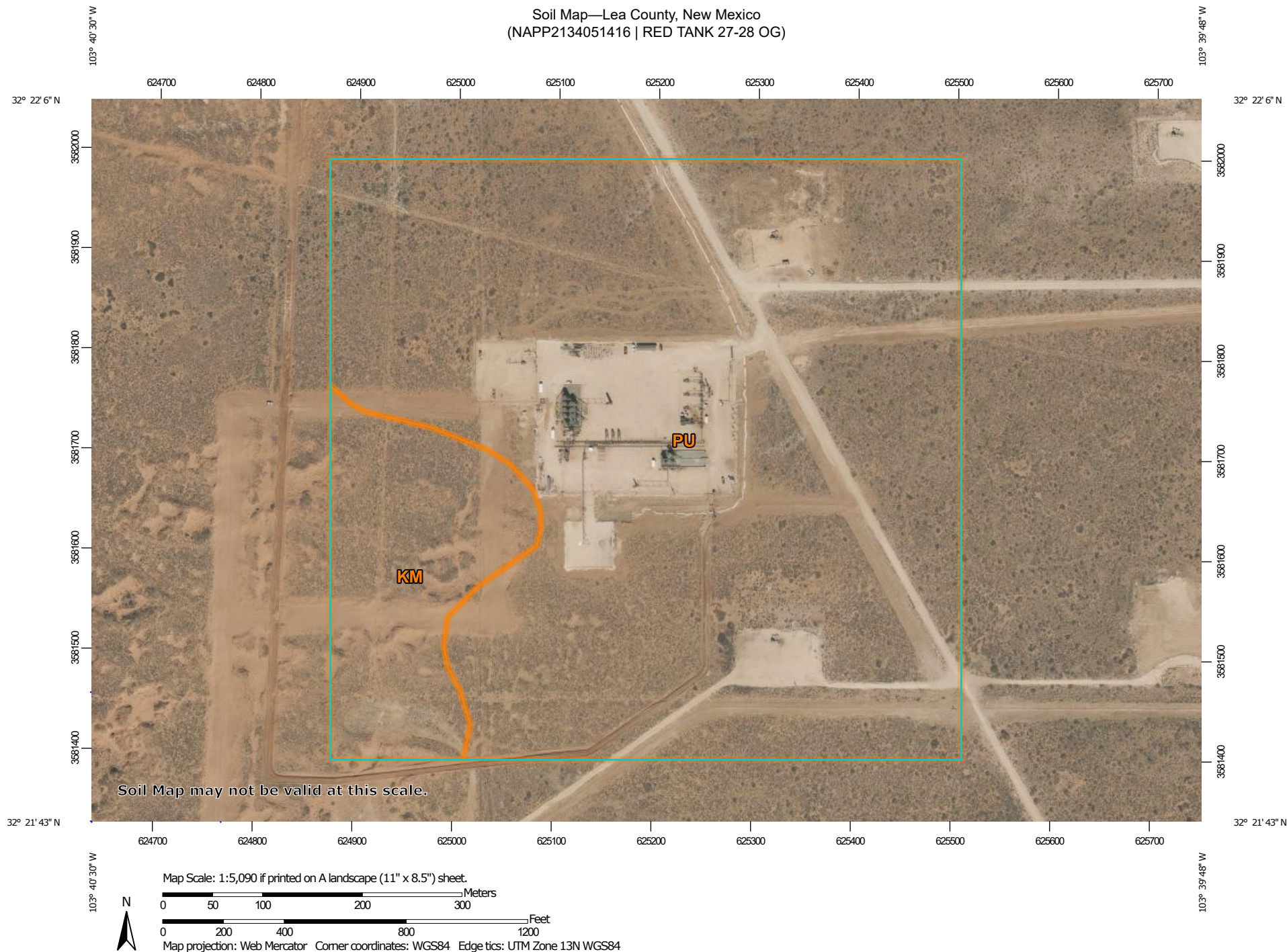
Low



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

New Mexico Oil Conservation Division

Soil Map—Lea County, New Mexico
(NAPP2134051416 | RED TANK 27-28 OG)



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

1/25/2023
Page 1 of 3

Soil Map—Lea County, New Mexico
(NAPP2134051416 | RED TANK 27-28 OG)

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 19, Sep 8, 2022

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.



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

1/25/2023
Page 2 of 3

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KM	Kermit soils and Dune land, 0 to 12 percent slopes	13.1	13.9%
PU	Pyote and Maljamar fine sands	81.1	86.1%
Totals for Area of Interest		94.2	100.0%

From: Dan Dunkelberg
To: Bratcher, Michael, EMNRD
Cc: Wells, Shelly, EMNRD; Josh Halcomb; Cynthia Jordan
Subject: RE: [EXTERNAL] Request for Final Variance and Commitment to Compliance Going Forward
Date: Friday, March 15, 2024 3:40:00 PM

Yes Sir,
Please see list below of all projects that have been completed:

Rejected	Submitted	Pending Submission
NOY1800840250 PROXIMITY 30 FEDERAL #003	NAPP2225849972 DR PI FEDERAL UNIT 17 8 DA #031H	NAPP2300549844 NVA 215
NAPP2310731906 SECTION 27 SWD TRANFER LINE	NVV2003456745 LOST TANK 33 FEDERAL #012	NDHR1917955649 NORTH VACUUM ABO UNIT 298
NAPP2235337608 SEMU 106 (will resubmit with soil bore)	NRM2000246798 CYPRESS 33 1 WELL BATTERY	NAPP2328254347 SOUTHEAST MALJAMAR GB/SA UNIT #105
	NAPP2208136392 PURE GOLD MDP1 29-17 FEDERAL COM #175H	NAPP2322333827 SEMGSAU 108
	NAB1928438660 PLATINUM MDP1 34 3 FEDERAL COM #175H	NAPP2234043341 CEDAR CANYON 28 4 CTB
	NAB1924833062 NEFF FEDERAL #002 FLOWLINE	NAPP2323446753 CEDAR CANYON 28 4 CTB
	NAPP2235631785 AMAX 24-8 BATTERY	NAPP2213835736 ROARING SPRINGS 13 FEDERAL #004
	NAB1732444101 FEDERAL 12 #014H	NAPP2134051416 RED TANK 27-28 OG
	NRM2023058280 VACUUM GLORIETTA WEST UNIT #27	NCE2002448579 STERLING SILVER 3 FEDERAL 6 CTB
	NAPP2219253256 VGWU PRODUCTION AND INJECTION SYSTEM BATTERY	NAPP2136350118 FEDERAL 26-1 H BATTERY
	NAPP2329041721 VACUUM GLORIETTA WEST UNIT BATTERY	NAPP2204047138 FRAC WATER PIT - TACO CAT 27-34 FED COM 24,25 & 26
		NRM1924248710 WBR FEDERAL 0001
		NRM1924158933 WBR FEDERAL 0005
		NAB1917133761 CEDAR CANYON 16 STATE #010H

We are committed to maintaining compliance with all ongoing projects as well as those initiated in the future. Thank you for your time and consideration.
Sincerely,
Dan Dunkelberg
Environmental Regulatory Manager



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

From: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Sent: Tuesday, March 12, 2024 7:56 AM
To: Dan Dunkelberg <dan@trinityoilfieldservices.com>
Cc: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>; Josh Halcomb <josh@trinityoilfieldservices.com>; Cynthia Jordan <cynthia@trinityoilfieldservices.com>
Subject: RE: [EXTERNAL] Request for Final Variance and Commitment to Compliance Going Forward

Dan,
We will need a list of the incidents you are requesting a variance for.
Thanks,

Mike Bratcher • Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave | Artesia, NM 88210
(575) 626-0857 | mike.bratcher@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd>



From: Dan Dunkelberg <dan@trinityoilfieldservices.com>
Sent: Friday, March 8, 2024 3:46 PM
To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Cc: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>; Josh Halcomb <josh@trinityoilfieldservices.com>; Cynthia Jordan <cynthia@trinityoilfieldservices.com>
Subject: [EXTERNAL] Request for Final Variance and Commitment to Compliance Going Forward

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

Dear Mr. Bratcher,

I am reaching out to address a recent compliance issue that has been brought to our attention regarding the submission of reports without proper C141(n) confirmation sample notification dates. Upon thorough review, it has become apparent that some of the dates on our laboratory reports do not align with the notification dates sent, and regrettably, there were instances where notifications were mistakenly missed or not sent altogether. Please accept my sincere apologies for any inconvenience or concern this may have caused.

I want to assure you that this oversight was not intentional, and we are taking immediate steps to rectify the situation. Our team is diligently working to ensure that all necessary adjustments are made to comply with 19.15.29.12(D)1(a) NMAC. Furthermore, I want to emphasize that all other required information outlined in the Site Assessment and Remediation is complete and meets the 19.15.29 NMAC standards.

We fully recognize the significance of the C141(n) rule outlined in 19.15.29.12(D)1(a) NMAC, and have implemented comprehensive measures to ensure compliance across all our operations. Moving forward, all projects initiated since the issuance of the "Public Notice Implementation of Digital C-141 and Incident Statutes" on 12/01/2023, will strictly adhere to the requirement of submitting proper 48-hour notifications through the portal for confirmation sample dates.

In consideration of this issue, we are formally requesting a final variance for 19.15.29.12(D)1(a) NMAC on all projects started with release dates before 12/01/2023. We understand the importance of adhering to regulatory guidelines and acknowledge that there have been instances where our past projects did not fully meet this requirement.

Please know that we do not take this request lightly and assure you that it is not our intention to seek further variances regarding the 48-hour notice in the future. We are fully committed to ensuring compliance with all regulatory standards moving forward and have taken proactive steps to prevent similar issues from arising again.

We are available to discuss further at your best convenience and welcome the opportunity to provide any additional information or clarification you may require.

We sincerely appreciate your consideration of our request for a final variance and assure you of our unwavering commitment to compliance and continuous improvement. Our commitment to compliance with the 19.15.29 NMAC standards remains absolute, and we are dedicated to resolving this issue promptly and effectively. Thank you for your time and attention to this matter.

Sincerely,

Dan Dunkelberg
Environmental Regulatory Manager

[Redacted Signature]

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



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

April 04, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: RED TANK 27-28 CTB

Enclosed are the results of analyses for samples received by the laboratory on 03/28/23 16:15.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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: 03/28/2023
 Reported: 04/04/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-001-00.0-V-S (H231417-01)

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	03/30/2023	ND	2.13	106	2.00	1.83	
Toluene*	0.866	0.050	03/30/2023	ND	2.19	109	2.00	0.660	
Ethylbenzene*	0.304	0.050	03/30/2023	ND	2.14	107	2.00	0.447	
Total Xylenes*	1.04	0.150	03/30/2023	ND	6.66	111	6.00	0.941	
Total BTEX	2.21	0.300	03/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/30/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	03/29/2023	ND	214	107	200	1.97		
DRO >C10-C28*	29900	50.0	03/29/2023	ND	208	104	200	3.06		
EXT DRO >C28-C36	6600	50.0	03/29/2023	ND						

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 1250 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/28/2023
 Reported: 04/04/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-001-01.0-V-S (H231417-02)

BTEx 8021B		mg/kg	Analyzed By: JH/					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	03/30/2023	ND	2.13	106	2.00	1.83	
Toluene*	14.9	0.500	03/30/2023	ND	2.19	109	2.00	0.660	
Ethylbenzene*	11.1	0.500	03/30/2023	ND	2.14	107	2.00	0.447	
Total Xylenes*	80.9	1.50	03/30/2023	ND	6.66	111	6.00	0.941	
Total BTEX	107	3.00	03/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 173 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/30/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2630	10.0	03/29/2023	ND	214	107	200	1.97	
DRO >C10-C28*	7510	10.0	03/29/2023	ND	208	104	200	3.06	
EXT DRO >C28-C36	885	10.0	03/29/2023	ND					

Surrogate: 1-Chlorooctane 352 % 48.2-134

Surrogate: 1-Chlorooctadecane 165 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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: 03/28/2023
 Reported: 04/04/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-001-02.0-V-S (H231417-03)

BTEx 8021B			mg/kg					Analyzed By: JH/		S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	03/30/2023	ND	2.13	106	2.00	1.83			
Toluene*	0.859	0.050	03/30/2023	ND	2.19	109	2.00	0.660			
Ethylbenzene*	1.24	0.050	03/30/2023	ND	2.14	107	2.00	0.447			
Total Xylenes*	10.3	0.150	03/30/2023	ND	6.66	111	6.00	0.941			
Total BTEX	12.4	0.300	03/30/2023	ND							

Surrogate: 4-Bromofluorobenzene (PID) 229 % 71.5-134

Chloride, SM4500Cl-B			mg/kg					Analyzed By: AC			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	16.0	16.0	03/30/2023	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*	270	10.0	03/30/2023	ND	214	107	200	1.97			
DRO >C10-C28*	1490	10.0	03/30/2023	ND	208	104	200	3.06			
EXT DRO >C28-C36	262	10.0	03/30/2023	ND							

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Analytical Results For:

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

Received: 03/28/2023
 Reported: 04/04/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-001-03.0-V-S (H231417-04)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2023	ND	2.13	106	2.00	1.83		
Toluene*	<0.050	0.050	03/30/2023	ND	2.19	109	2.00	0.660		
Ethylbenzene*	<0.050	0.050	03/30/2023	ND	2.14	107	2.00	0.447		
Total Xylenes*	<0.150	0.150	03/30/2023	ND	6.66	111	6.00	0.941		
Total BTEx	<0.300	0.300	03/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/30/2023	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	03/30/2023	ND	214	107	200	1.97	
DRO >C10-C28*	23.9	10.0	03/30/2023	ND	208	104	200	3.06	
EXT DRO >C28-C36	57.2	10.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received: 03/28/2023
 Reported: 04/04/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-001-04.0-V-S (H231417-05)

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	03/30/2023	ND	2.13	106	2.00	1.83		
Toluene*	<0.050	0.050	03/30/2023	ND	2.19	109	2.00	0.660		
Ethylbenzene*	<0.050	0.050	03/30/2023	ND	2.14	107	2.00	0.447		
Total Xylenes*	<0.150	0.150	03/30/2023	ND	6.66	111	6.00	0.941		
Total BTEx	<0.300	0.300	03/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/30/2023	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*	11.7	10.0	03/30/2023	ND	214	107	200	1.97	
DRO >C10-C28*	141	10.0	03/30/2023	ND	208	104	200	3.06	
EXT DRO >C28-C36	35.4	10.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

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

Received: 03/28/2023
 Reported: 04/04/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-002-00.0-V-S (H231417-06)

BTEx 8021B		mg/kg	Analyzed By: JH/					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2023	ND	2.13	106	2.00	1.83	
Toluene*	0.285	0.050	03/30/2023	ND	2.19	109	2.00	0.660	
Ethylbenzene*	1.20	0.050	03/30/2023	ND	2.14	107	2.00	0.447	
Total Xylenes*	6.62	0.150	03/30/2023	ND	6.66	111	6.00	0.941	
Total BTEX	8.11	0.300	03/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 169 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/30/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	200	50.0	03/30/2023	ND	214	107	200	1.97	
DRO >C10-C28*	30100	50.0	03/30/2023	ND	208	104	200	3.06	
EXT DRO >C28-C36	7490	50.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 1370 % 49.1-148

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Analytical Results For:

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

Received: 03/28/2023
 Reported: 04/04/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-002-01.0-V-S (H231417-07)

BTEx 8021B		mg/kg	Analyzed By: JH/					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2023	ND	2.13	106	2.00	1.83	
Toluene*	0.532	0.050	03/30/2023	ND	2.19	109	2.00	0.660	
Ethylbenzene*	3.19	0.050	03/30/2023	ND	2.14	107	2.00	0.447	
Total Xylenes*	20.9	0.150	03/30/2023	ND	6.66	111	6.00	0.941	
Total BTEX	24.6	0.300	03/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 457 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/30/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	790	10.0	03/30/2023	ND	214	107	200	1.97	
DRO >C10-C28*	5100	10.0	03/30/2023	ND	208	104	200	3.06	
EXT DRO >C28-C36	668	10.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 180 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

Received: 03/28/2023
 Reported: 04/04/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-002-02.0-V-S (H231417-08)

BTEx 8021B		mg/kg	Analyzed By: JH/					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2023	ND	2.13	106	2.00	1.83	
Toluene*	<0.050	0.050	03/30/2023	ND	2.19	109	2.00	0.660	
Ethylbenzene*	<0.050	0.050	03/30/2023	ND	2.14	107	2.00	0.447	
Total Xylenes*	1.08	0.150	03/30/2023	ND	6.66	111	6.00	0.941	
Total BTEX	1.08	0.300	03/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 161 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/30/2023	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*	45.7	10.0	03/30/2023	ND	214	107	200	1.97	
DRO >C10-C28*	751	10.0	03/30/2023	ND	208	104	200	3.06	
EXT DRO >C28-C36	192	10.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Analytical Results For:

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

Received: 03/28/2023
 Reported: 04/04/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-002-03.0-V-S (H231417-09)

BTEx 8021B		mg/kg		Analyzed By: JH/				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2023	ND	2.13	106	2.00	1.83		
Toluene*	<0.050	0.050	03/30/2023	ND	2.19	109	2.00	0.660		
Ethylbenzene*	<0.050	0.050	03/30/2023	ND	2.14	107	2.00	0.447		
Total Xylenes*	1.68	0.150	03/30/2023	ND	6.66	111	6.00	0.941		
Total BTEX	1.68	0.300	03/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 162 % 71.5-134

Chloride, SM4500Cl-B			mg/kg					Analyzed By: AC			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	03/30/2023	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*	88.1	10.0	03/30/2023	ND	214	107	200	1.97		
DRO >C10-C28*	1110	10.0	03/30/2023	ND	208	104	200	3.06		
EXT DRO >C28-C36	154	10.0	03/30/2023	ND						

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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

Received: 03/28/2023
 Reported: 04/04/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-002-04.0-V-S (H231417-10)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2023	ND	2.01	100	2.00	1.23		
Toluene*	<0.050	0.050	03/30/2023	ND	2.04	102	2.00	1.32		
Ethylbenzene*	<0.050	0.050	03/30/2023	ND	2.06	103	2.00	0.797		
Total Xylenes*	<0.150	0.150	03/30/2023	ND	6.24	104	6.00	0.734		
Total BTEx	<0.300	0.300	03/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/30/2023	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	03/30/2023	ND	214	107	200	1.97	
DRO >C10-C28*	218	10.0	03/30/2023	ND	208	104	200	3.06	
EXT DRO >C28-C36	58.2	10.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

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

Received: 03/28/2023
 Reported: 04/04/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-003-00.0-V-S (H231417-11)

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	03/30/2023	ND	2.01	100	2.00	1.23	
Toluene*	0.102	0.050	03/30/2023	ND	2.04	102	2.00	1.32	
Ethylbenzene*	<0.050	0.050	03/30/2023	ND	2.06	103	2.00	0.797	
Total Xylenes*	<0.150	0.150	03/30/2023	ND	6.24	104	6.00	0.734	
Total BTX	<0.300	0.300	03/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	03/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10.1	10.0	03/29/2023	ND	227	114	200	5.79	
DRO >C10-C28*	6110	10.0	03/29/2023	ND	230	115	200	5.86	QM-07
EXT DRO >C28-C36	1620	10.0	03/29/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 389 % 49.1-148

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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: 03/28/2023
 Reported: 04/04/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-003-01.0-V-S (H231417-12)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2023	ND	2.01	100	2.00	1.23	
Toluene*	0.234	0.050	03/30/2023	ND	2.04	102	2.00	1.32	
Ethylbenzene*	0.193	0.050	03/30/2023	ND	2.06	103	2.00	0.797	
Total Xylenes*	2.99	0.150	03/30/2023	ND	6.24	104	6.00	0.734	
Total BTEX	3.42	0.300	03/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	153	10.0	03/29/2023	ND	227	114	200	5.79	
DRO >C10-C28*	4360	10.0	03/29/2023	ND	230	115	200	5.86	
EXT DRO >C28-C36	781	10.0	03/29/2023	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 260 % 49.1-148

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Analytical Results For:

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

Received: 03/28/2023
 Reported: 04/04/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-003-02.0-V-S (H231417-13)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2023	ND	2.01	100	2.00	1.23	
Toluene*	0.266	0.050	03/30/2023	ND	2.04	102	2.00	1.32	
Ethylbenzene*	0.462	0.050	03/30/2023	ND	2.06	103	2.00	0.797	
Total Xylenes*	2.44	0.150	03/30/2023	ND	6.24	104	6.00	0.734	
Total BTEX	3.17	0.300	03/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/30/2023	ND	432	108	400	0.00		

TPH 8015M	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	262	10.0	03/29/2023	ND	227	114	200	5.79	
DRO >C10-C28*	2930	10.0	03/29/2023	ND	230	115	200	5.86	
EXT DRO >C28-C36	545	10.0	03/29/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 194 % 49.1-148

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Analytical Results For:

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

Received: 03/28/2023
 Reported: 04/04/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-003-03.0-V-S (H231417-14)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2023	ND	2.01	100	2.00	1.23	
Toluene*	0.071	0.050	03/30/2023	ND	2.04	102	2.00	1.32	
Ethylbenzene*	0.162	0.050	03/30/2023	ND	2.06	103	2.00	0.797	
Total Xylenes*	0.883	0.150	03/30/2023	ND	6.24	104	6.00	0.734	
Total BTEX	1.12	0.300	03/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/30/2023	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*	88.9	10.0	03/29/2023	ND	227	114	200	5.79	
DRO >C10-C28*	1190	10.0	03/29/2023	ND	230	115	200	5.86	
EXT DRO >C28-C36	233	10.0	03/29/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 49.1-148

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Analytical Results For:

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

Received: 03/28/2023
 Reported: 04/04/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-003-04.0-V-S (H231417-15)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2023	ND	2.01	100	2.00	1.23		
Toluene*	<0.050	0.050	03/30/2023	ND	2.04	102	2.00	1.32		
Ethylbenzene*	<0.050	0.050	03/30/2023	ND	2.06	103	2.00	0.797		
Total Xylenes*	0.206	0.150	03/30/2023	ND	6.24	104	6.00	0.734		
Total BTEX	<0.300	0.300	03/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/30/2023	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*	36.8	10.0	03/29/2023	ND	227	114	200	5.79	
DRO >C10-C28*	681	10.0	03/29/2023	ND	230	115	200	5.86	
EXT DRO >C28-C36	135	10.0	03/29/2023	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Analytical Results For:

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

Received: 03/28/2023
 Reported: 04/04/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-004-00.0-V-S (H231417-16)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.158	0.050	03/30/2023	ND	2.01	100	2.00	1.23	GC-NC1
Toluene*	1.65	0.050	03/30/2023	ND	2.04	102	2.00	1.32	
Ethylbenzene*	2.07	0.050	03/30/2023	ND	2.06	103	2.00	0.797	
Total Xylenes*	11.4	0.150	03/30/2023	ND	6.24	104	6.00	0.734	
Total BTEX	15.2	0.300	03/30/2023	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	03/30/2023	ND	432	108	400	0.00		

TPH 8015M	mg/kg		Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	285	50.0	03/29/2023	ND	227	114	200	5.79	
DRO >C10-C28*	34000	50.0	03/29/2023	ND	230	115	200	5.86	
EXT DRO >C28-C36	7660	50.0	03/29/2023	ND					

Surrogate: 1-Chlorooctane 135 % 48.2-134

Surrogate: 1-Chlorooctadecane 1800 % 49.1-148

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Analytical Results For:

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

Received: 03/28/2023
 Reported: 04/04/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-004-01.0-V-S (H231417-17)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	3.39	1.00	03/30/2023	ND	2.01	100	2.00	1.23	GC-NC1
Toluene*	34.6	1.00	03/30/2023	ND	2.04	102	2.00	1.32	
Ethylbenzene*	51.6	1.00	03/30/2023	ND	2.06	103	2.00	0.797	
Total Xylenes*	279	3.00	03/30/2023	ND	6.24	104	6.00	0.734	
Total BTEX	369	6.00	03/30/2023	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

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	03/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3090	50.0	04/03/2023	ND	227	114	200	5.79	
DRO >C10-C28*	15200	50.0	04/03/2023	ND	230	115	200	5.86	
EXT DRO >C28-C36	2380	50.0	04/03/2023	ND					

Surrogate: 1-Chlorooctane 555 % 48.2-134

Surrogate: 1-Chlorooctadecane 384 % 49.1-148

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Analytical Results For:

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

Received: 03/28/2023
 Reported: 04/04/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-004-02.0-V-S (H231417-18)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	03/30/2023	ND	2.01	100	2.00	1.23	
Toluene*	1.28	0.100	03/30/2023	ND	2.04	102	2.00	1.32	
Ethylbenzene*	4.60	0.100	03/30/2023	ND	2.06	103	2.00	0.797	
Total Xylenes*	31.0	0.300	03/30/2023	ND	6.24	104	6.00	0.734	
Total BTEX	36.9	0.600	03/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	728	10.0	03/29/2023	ND	227	114	200	5.79	
DRO >C10-C28*	4010	10.0	03/29/2023	ND	230	115	200	5.86	
EXT DRO >C28-C36	620	10.0	03/29/2023	ND					

Surrogate: 1-Chlorooctane 151 % 48.2-134

Surrogate: 1-Chlorooctadecane 217 % 49.1-148

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Analytical Results For:

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

Received: 03/28/2023
 Reported: 04/04/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-004-03.0-V-S (H231417-19)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	03/30/2023	ND	2.01	100	2.00	1.23	
Toluene*	0.650	0.100	03/30/2023	ND	2.04	102	2.00	1.32	
Ethylbenzene*	2.33	0.100	03/30/2023	ND	2.06	103	2.00	0.797	
Total Xylenes*	17.9	0.300	03/30/2023	ND	6.24	104	6.00	0.734	
Total BTEX	20.8	0.600	03/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/30/2023	ND	416	104	400	0.00		

TPH 8015M	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	600	10.0	03/29/2023	ND	227	114	200	5.79	
DRO >C10-C28*	4600	10.0	03/29/2023	ND	230	115	200	5.86	
EXT DRO >C28-C36	733	10.0	03/29/2023	ND					

Surrogate: 1-Chlorooctane 163 % 48.2-134

Surrogate: 1-Chlorooctadecane 237 % 49.1-148

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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: 03/28/2023
 Reported: 04/04/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-004-04.0-V-S (H231417-20)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.333	0.200	03/30/2023	ND	2.01	100	2.00	1.23	GC-NC1
Toluene*	2.32	0.200	03/30/2023	ND	2.04	102	2.00	1.32	
Ethylbenzene*	6.96	0.200	03/30/2023	ND	2.06	103	2.00	0.797	
Total Xylenes*	38.4	0.600	03/30/2023	ND	6.24	104	6.00	0.734	
Total BTEX	48.0	1.20	03/30/2023	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/30/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1160	10.0	03/29/2023	ND	227	114	200	5.79	
DRO >C10-C28*	5670	10.0	03/29/2023	ND	230	115	200	5.86	
EXT DRO >C28-C36	832	10.0	03/29/2023	ND					

Surrogate: 1-Chlorooctane 180 % 48.2-134

Surrogate: 1-Chlorooctadecane 270 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services				BILL TO				ANALYSIS REQUEST							
Project Manager: Dan Dunkelberg				P.O. #:											
Address: 8426 N Jal Paso				Company: OXY USA INC.											
City: Hobbs				State: NM Zip: 88241				Attn: Wade Dittich							
Phone #:				Fax #:				Address:							
Project #:				Project Owner: (see below)				City:							
Project Name: Red Tank 27-28 CTB				dan@trinityoilfieldservices.com				State: Zip:							
Project Location: LEA CO., NM				Phone #:				Fax #:							
Sample Name: LB				Matrix: PRESERV.				SAMPLING							
FOR LAB USE ONLY															
H23147															
Lab I.D.				Sample I.D.											
1 SP-001-00.0-V-S				G 1				3/28/2023				Chloride			
2 SP-001-01.0-V-S				G 1				3/28/2023				X X X X			
3 SP-001-02.0-V-S				G 1				3/28/2023				X X X X			
4 SP-001-03.0-V-S				G 1				3/28/2023				X X X X			
5 SP-001-04.0-V-S				G 1				3/28/2023				X X X X			
6 SP-002-00.0-V-S				G 1				3/28/2023				X X X X			
7 SP-002-01.0-V-S				G 1				3/28/2023				X X X X			
8 SP-002-02.0-V-S				G 1				3/28/2023				X X X X			
9 SP-002-03.0-V-S				G 1				3/28/2023				X X X X			
10 SP-002-04.0-V-S				G 1				3/28/2023				X X X X			
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Relinquished By:				Received By:				Verbal Result:				Yes No Add'l Phone #:			
Time: 3-28-23				Time: 10:15				All Results are emailed. Please provide Email address:							
Relinquished By:				Received By:				REMARKS:							
Time:				Time:											
Delivered By: (Circle One)				Observed Temp. °C 6.0				Sample Condition				CHECKED BY: (Initials)			
Cool Intact				Yes				No				No			
Corrected Temp. °C 5.4				Cool Intact				Yes				No			
Sampler - UPS - Bus - Other:				Turnaround Time:				Standard				X			
				Thermometer ID #113				Rush							
				Correction Factor -0.5 °C				Bacteria (only) Sample Condition							
								Cool Intact				Yes			
								No				No			
								Observed Temp. °C							
								Corrected Temp. °C							

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

Page 24 of 24



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

April 05, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: RED TANK 27-28 CTB

Enclosed are the results of analyses for samples received by the laboratory on 03/29/23 16:15.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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: 03/29/2023
 Reported: 04/05/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/29/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP-001-05.0-V-S (H231450-01)

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	03/31/2023	ND	2.07	104	2.00	3.89	
Toluene*	<0.050	0.050	03/31/2023	ND	2.12	106	2.00	4.18	
Ethylbenzene*	<0.050	0.050	03/31/2023	ND	2.18	109	2.00	3.95	
Total Xylenes*	<0.150	0.150	03/31/2023	ND	6.68	111	6.00	4.07	
Total BTEX	<0.300	0.300	03/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/31/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	204	102	200	3.97	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	202	101	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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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: 03/29/2023
 Reported: 04/05/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/29/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP-002-05.0-V-S (H231450-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2023	ND	2.07	104	2.00	3.89		
Toluene*	<0.050	0.050	03/31/2023	ND	2.12	106	2.00	4.18		
Ethylbenzene*	<0.050	0.050	03/31/2023	ND	2.18	109	2.00	3.95		
Total Xylenes*	<0.150	0.150	03/31/2023	ND	6.68	111	6.00	4.07		
Total BTEX	<0.300	0.300	03/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/31/2023	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	03/30/2023	ND	204	102	200	3.97	
DRO >C10-C28*	<10.0	10.0	03/30/2023	ND	202	101	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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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: 03/29/2023
 Reported: 04/05/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/29/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP-003-05.0-V-S (H231450-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2023	ND	2.07	104	2.00	3.89		
Toluene*	<0.050	0.050	03/31/2023	ND	2.12	106	2.00	4.18		
Ethylbenzene*	<0.050	0.050	03/31/2023	ND	2.18	109	2.00	3.95		
Total Xylenes*	<0.150	0.150	03/31/2023	ND	6.68	111	6.00	4.07		
Total BTEX	<0.300	0.300	03/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/31/2023	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	03/30/2023	ND	204	102	200	3.97	
DRO >C10-C28*	121	10.0	03/30/2023	ND	202	101	200	5.53	
EXT DRO >C28-C36	24.4	10.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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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: 03/29/2023
 Reported: 04/05/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/29/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP-004-05.0-V-S (H231450-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2023	ND	2.07	104	2.00	3.89	
Toluene*	<0.050	0.050	04/01/2023	ND	2.12	106	2.00	4.18	
Ethylbenzene*	<0.050	0.050	04/01/2023	ND	2.18	109	2.00	3.95	
Total Xylenes*	<0.150	0.150	04/01/2023	ND	6.68	111	6.00	4.07	
Total BTEX	<0.300	0.300	04/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/31/2023	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*	39.5	10.0	03/30/2023	ND	204	102	200	3.97	
DRO >C10-C28*	438	10.0	03/30/2023	ND	202	101	200	5.53	
EXT DRO >C28-C36	66.3	10.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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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: 03/29/2023
 Reported: 04/05/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/29/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP-001-01.0-HN-S (H231450-05)

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	04/01/2023	ND	2.07	104	2.00	3.89		
Toluene*	<0.050	0.050	04/01/2023	ND	2.12	106	2.00	4.18		
Ethylbenzene*	<0.050	0.050	04/01/2023	ND	2.18	109	2.00	3.95		
Total Xylenes*	<0.150	0.150	04/01/2023	ND	6.68	111	6.00	4.07		
Total BTEX	<0.300	0.300	04/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/31/2023	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	03/30/2023	ND	204	102	200	3.97	
DRO >C10-C28*	<10.0	10.0	03/30/2023	ND	202	101	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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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: 03/29/2023
 Reported: 04/05/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/29/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP-002-01.0-HS-S (H231450-06)

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	03/31/2023	ND	2.04	102	2.00	1.51	
Toluene*	<0.050	0.050	03/31/2023	ND	2.07	104	2.00	1.04	
Ethylbenzene*	<0.050	0.050	03/31/2023	ND	2.12	106	2.00	1.62	
Total Xylenes*	<0.150	0.150	03/31/2023	ND	6.51	109	6.00	0.720	
Total BTEx	<0.300	0.300	03/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/31/2023	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	03/30/2023	ND	204	102	200	3.97	
DRO >C10-C28*	<10.0	10.0	03/30/2023	ND	202	101	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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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: 03/29/2023
 Reported: 04/05/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/29/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP-002-01.0-HW-S (H231450-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2023	ND	2.04	102	2.00	1.51	
Toluene*	<0.050	0.050	03/31/2023	ND	2.07	104	2.00	1.04	
Ethylbenzene*	<0.050	0.050	03/31/2023	ND	2.12	106	2.00	1.62	
Total Xylenes*	<0.150	0.150	03/31/2023	ND	6.51	109	6.00	0.720	
Total BTEX	<0.300	0.300	03/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/31/2023	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	03/30/2023	ND	204	102	200	3.97	
DRO >C10-C28*	<10.0	10.0	03/30/2023	ND	202	101	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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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: 03/29/2023
 Reported: 04/05/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/29/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP-003-01.0-HS-S (H231450-08)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2023	ND	2.04	102	2.00	1.51	
Toluene*	<0.050	0.050	03/31/2023	ND	2.07	104	2.00	1.04	
Ethylbenzene*	<0.050	0.050	03/31/2023	ND	2.12	106	2.00	1.62	
Total Xylenes*	<0.150	0.150	03/31/2023	ND	6.51	109	6.00	0.720	
Total BTEx	<0.300	0.300	03/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	03/31/2023	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	03/30/2023	ND	204	102	200	3.97	
DRO >C10-C28*	<10.0	10.0	03/30/2023	ND	202	101	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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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: 03/29/2023
 Reported: 04/05/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/29/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP-003-01.0-HE-S (H231450-09)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2023	ND	2.04	102	2.00	1.51	
Toluene*	<0.050	0.050	03/31/2023	ND	2.07	104	2.00	1.04	
Ethylbenzene*	<0.050	0.050	03/31/2023	ND	2.12	106	2.00	1.62	
Total Xylenes*	<0.150	0.150	03/31/2023	ND	6.51	109	6.00	0.720	
Total BTEX	<0.300	0.300	03/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/31/2023	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	03/30/2023	ND	204	102	200	3.97	
DRO >C10-C28*	<10.0	10.0	03/30/2023	ND	202	101	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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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: 03/29/2023
 Reported: 04/05/2023
 Project Name: RED TANK 27-28 CTB
 Project Number: 02-22-21
 Project Location: OXY - LEA CO NM

Sampling Date: 03/29/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP-004-01.0-HN-S (H231450-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2023	ND	2.04	102	2.00	1.51		
Toluene*	<0.050	0.050	03/31/2023	ND	2.07	104	2.00	1.04		
Ethylbenzene*	<0.050	0.050	03/31/2023	ND	2.12	106	2.00	1.62		
Total Xylenes*	<0.150	0.150	03/31/2023	ND	6.51	109	6.00	0.720		
Total BTEx	<0.300	0.300	03/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/31/2023	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	03/30/2023	ND	204	102	200	3.97	
DRO >C10-C28*	<10.0	10.0	03/30/2023	ND	202	101	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services				BILL TO				ANALYSIS REQUEST																																							
Project Manager: Dan Dunkelberg				P.O. #:																																											
Address: 8426 N Dal Paso				Company: OXY USA INC.																																											
City: Hobbs				Attn: Wade Dittich																																											
State: NM Zip: 88241				Address:																																											
Phone #:				City:																																											
Project #:				State:																																											
Project Name: Red Tank 27-28 CTB				Zip:																																											
Project Location: LEA CO., NM				Phone #:																																											
Sample Name: LB				Fax #:																																											
FOR LAB USE ONLY				MATRIX				PRESERV.				SAMPLING																																			
				# CONTAINERS																																											
				GROUNDWATER																																											
				WASTEWATER																																											
				SOIL																																											
				OIL																																											
				SLUDGE																																											
				OTHER:																																											
				ACID/BASE:																																											
				ICE / COOL																																											
				OTHER:																																											
Lab I.D.				DATE				TIME																																							
Sample I.D.																																															
1 SP-001-05.0-V-S				G 1				3/29/2023				Chloride																																			
2 SP-002-05.0-V-S				G 1				3/29/2023				TPH																																			
3 SP-003-05.0-V-S				G 1				3/29/2023				BTX																																			
4 SP-004-05.0-V-S				G 1				3/29/2023																																							
5 SP-001-01.0-HN-S				G 1				3/29/2023																																							
6 SP-002-01.0-HS-S				G 1				3/29/2023																																							
7 SP-002-01.0-HW-S				G 1				3/29/2023																																							
8 SP-003-01.0-HS-S				G 1				3/29/2023																																							
9 SP-003-01.0-HE-S				G 1				3/29/2023																																							
10 SP-004-01.0-HN-S				G 1				3/29/2023																																							
<p>PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable 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.</p>												Verbal Result:				Yes				No				Add'l Phone #:																							
Relinquished By: <i>[Signature]</i>												All Results are emailed. Please provide Email address:																																			
Relinquished By: <i>[Signature]</i>												REMARKS:																																			
Date: <i>3/29/23</i>												Received By: <i>[Signature]</i>																																			
Time: <i>1615</i>																																															
Time:																																															
Delivered By: (Circle One)				Observed Temp. °C				Sample Condition				CHECKED BY: <i>[Signature]</i>				Turnaround Time:				Standard				X				Bacteria (only) Sample Condition				Cool Intact				Observed Temp. °C											
Sampler - UPS - Bus - Other:				Corrected Temp. °C				Cool Intact																																							
				<i>4.4</i>				<i>Yes</i>																																							
				<i>38.2</i>				<i>No</i>																																							

† Cardinal cannot accept verbal changes. Please email changes to caley.keen@cardinallabsnm.com



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

July 10, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: RED TANK 27-28 OG

Enclosed are the results of analyses for samples received by the laboratory on 07/05/23 16:04.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/05/2023
 Reported: 07/10/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/05/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-001.0-03.0-S (H233426-01)

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	07/06/2023	ND	2.23	111	2.00	2.14	
Toluene*	<0.050	0.050	07/06/2023	ND	2.21	111	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.10	105	2.00	3.22	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.56	109	6.00	3.90	
Total BTEX	<0.300	0.300	07/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/06/2023	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	07/06/2023	ND	214	107	200	3.29	
DRO >C10-C28*	643	10.0	07/06/2023	ND	204	102	200	2.99	
EXT DRO >C28-C36	136	10.0	07/06/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 145 % 49.1-148

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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: 07/05/2023
 Reported: 07/10/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/05/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-002.0-03.0-S (H233426-02)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/06/2023	ND	2.23	111	2.00	2.14	
Toluene*	<0.050	0.050	07/06/2023	ND	2.21	111	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.10	105	2.00	3.22	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.56	109	6.00	3.90	GC-NC
Total BTX	<0.300	0.300	07/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 159 % 71.5-134

Chloride, SM4500CI-B			mg/kg					Analyzed By: AC	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/06/2023	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*	52.9	10.0	07/06/2023	ND	214	107	200	3.29	
DRO >C10-C28*	2250	10.0	07/06/2023	ND	204	102	200	2.99	
EXT DRO >C28-C36	505	10.0	07/06/2023	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Analytical Results For:

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

Received: 07/05/2023
 Reported: 07/10/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/05/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-003.0-03.0-S (H233426-03)

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	07/06/2023	ND	2.23	111	2.00	2.14	
Toluene*	<0.050	0.050	07/06/2023	ND	2.21	111	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.10	105	2.00	3.22	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.56	109	6.00	3.90	
Total BTEX	<0.300	0.300	07/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/06/2023	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	07/06/2023	ND	214	107	200	3.29	
DRO >C10-C28*	110	10.0	07/06/2023	ND	204	102	200	2.99	
EXT DRO >C28-C36	44.2	10.0	07/06/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

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

Received: 07/05/2023
 Reported: 07/10/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/05/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-004.0-03.0-S (H233426-04)

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	07/06/2023	ND	2.23	111	2.00	2.14	
Toluene*	<0.050	0.050	07/06/2023	ND	2.21	111	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.10	105	2.00	3.22	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.56	109	6.00	3.90	
Total BTEX	<0.300	0.300	07/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/06/2023	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	07/06/2023	ND	214	107	200	3.29	
DRO >C10-C28*	31.2	10.0	07/06/2023	ND	204	102	200	2.99	
EXT DRO >C28-C36	10.5	10.0	07/06/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

Received: 07/05/2023
 Reported: 07/10/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/05/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-005.0-03.0-S (H233426-05)

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	07/06/2023	ND	2.23	111	2.00	2.14	
Toluene*	<0.050	0.050	07/06/2023	ND	2.21	111	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.10	105	2.00	3.22	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.56	109	6.00	3.90	
Total BTEX	<0.300	0.300	07/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/06/2023	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	07/06/2023	ND	214	107	200	3.29	
DRO >C10-C28*	524	10.0	07/06/2023	ND	204	102	200	2.99	
EXT DRO >C28-C36	121	10.0	07/06/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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Analytical Results For:

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

Received: 07/05/2023
 Reported: 07/10/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/05/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-006.0-03.0-S (H233426-06)

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	07/06/2023	ND	2.23	111	2.00	2.14	
Toluene*	<0.050	0.050	07/06/2023	ND	2.21	111	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.10	105	2.00	3.22	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.56	109	6.00	3.90	
Total BTEX	<0.300	0.300	07/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/06/2023	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	07/06/2023	ND	214	107	200	3.29	
DRO >C10-C28*	79.2	10.0	07/06/2023	ND	204	102	200	2.99	
EXT DRO >C28-C36	22.5	10.0	07/06/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Analytical Results For:

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

Received: 07/05/2023
 Reported: 07/10/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/05/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-008.0-03.0-S (H233426-07)

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	07/06/2023	ND	2.23	111	2.00	2.14	
Toluene*	<0.050	0.050	07/06/2023	ND	2.21	111	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.10	105	2.00	3.22	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.56	109	6.00	3.90	
Total BTEX	<0.300	0.300	07/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/06/2023	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	07/06/2023	ND	214	107	200	3.29	
DRO >C10-C28*	615	10.0	07/06/2023	ND	204	102	200	2.99	
EXT DRO >C28-C36	148	10.0	07/06/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Analytical Results For:

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

Received: 07/05/2023
 Reported: 07/10/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/05/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-009.0-03.0-S (H233426-08)

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	07/06/2023	ND	2.23	111	2.00	2.14	
Toluene*	<0.050	0.050	07/06/2023	ND	2.21	111	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.10	105	2.00	3.22	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.56	109	6.00	3.90	
Total BTEX	<0.300	0.300	07/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/06/2023	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	07/06/2023	ND	214	107	200	3.29	
DRO >C10-C28*	1010	10.0	07/06/2023	ND	204	102	200	2.99	
EXT DRO >C28-C36	268	10.0	07/06/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 146 % 49.1-148

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Analytical Results For:

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

Received: 07/05/2023
 Reported: 07/10/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/05/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-010.0-04.0-S (H233426-09)

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	07/06/2023	ND	2.23	111	2.00	2.14	
Toluene*	<0.050	0.050	07/06/2023	ND	2.21	111	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.10	105	2.00	3.22	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.56	109	6.00	3.90	
Total BTEX	<0.300	0.300	07/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/06/2023	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	07/06/2023	ND	214	107	200	3.29	
DRO >C10-C28*	56.7	10.0	07/06/2023	ND	204	102	200	2.99	
EXT DRO >C28-C36	30.6	10.0	07/06/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

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

Received: 07/05/2023
 Reported: 07/10/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/05/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-011.0-04.0-S (H233426-10)

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	07/06/2023	ND	2.23	111	2.00	2.14	
Toluene*	<0.050	0.050	07/06/2023	ND	2.21	111	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.10	105	2.00	3.22	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.56	109	6.00	3.90	
Total BTEx	<0.300	0.300	07/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/06/2023	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	07/06/2023	ND	214	107	200	3.29	
DRO >C10-C28*	183	10.0	07/06/2023	ND	204	102	200	2.99	
EXT DRO >C28-C36	61.3	10.0	07/06/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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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.
- GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

[illegible]



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

July 14, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: RED TANK 27-28 OG

Enclosed are the results of analyses for samples received by the laboratory on 07/11/23 15:28.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive 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: 07/11/2023
 Reported: 07/14/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-007.0-03.0-S (H233529-01)

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	07/12/2023	ND	1.84	92.0	2.00	6.95		
Toluene*	<0.050	0.050	07/12/2023	ND	1.90	95.1	2.00	7.35		
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	1.93	96.3	2.00	7.74		
Total Xylenes*	<0.150	0.150	07/12/2023	ND	5.74	95.7	6.00	8.47		
Total BTEX	<0.300	0.300	07/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/12/2023	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	07/13/2023	ND	209	105	200	12.4	
DRO >C10-C28*	49.4	10.0	07/13/2023	ND	205	102	200	22.3	
EXT DRO >C28-C36	11.2	10.0	07/13/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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: 07/11/2023
 Reported: 07/14/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-012.0-04.0-S (H233529-02)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2023	ND	2.02	101	2.00	0.582	
Toluene*	<0.050	0.050	07/12/2023	ND	2.03	101	2.00	0.0219	
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	2.14	107	2.00	0.829	
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.45	108	6.00	0.336	
Total BTEX	<0.300	0.300	07/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/12/2023	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	07/13/2023	ND	209	105	200	12.4	
DRO >C10-C28*	38.4	10.0	07/13/2023	ND	205	102	200	22.3	
EXT DRO >C28-C36	<10.0	10.0	07/13/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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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: 07/11/2023
 Reported: 07/14/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-013.0-04.0-S (H233529-03)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2023	ND	2.02	101	2.00	0.582	
Toluene*	0.082	0.050	07/12/2023	ND	2.03	101	2.00	0.0219	
Ethylbenzene*	0.368	0.050	07/12/2023	ND	2.14	107	2.00	0.829	
Total Xylenes*	2.49	0.150	07/12/2023	ND	6.45	108	6.00	0.336	
Total BTEX	2.94	0.300	07/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/12/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	180	10.0	07/13/2023	ND	209	105	200	12.4	
DRO >C10-C28*	6530	10.0	07/13/2023	ND	205	102	200	22.3	
EXT DRO >C28-C36	1520	10.0	07/13/2023	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 162 % 49.1-148

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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: 07/11/2023
 Reported: 07/14/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-014.0-04.0-S (H233529-04)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2023	ND	2.02	101	2.00	0.582	
Toluene*	<0.050	0.050	07/12/2023	ND	2.03	101	2.00	0.0219	
Ethylbenzene*	0.057	0.050	07/12/2023	ND	2.14	107	2.00	0.829	
Total Xylenes*	0.749	0.150	07/12/2023	ND	6.45	108	6.00	0.336	
Total BTEX	0.806	0.300	07/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/12/2023	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*	108	10.0	07/13/2023	ND	209	105	200	12.4	
DRO >C10-C28*	3470	10.0	07/13/2023	ND	205	102	200	22.3	
EXT DRO >C28-C36	729	10.0	07/13/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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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: 07/11/2023
 Reported: 07/14/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-015.0-04.0-S (H233529-05)

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	07/12/2023	ND	2.02	101	2.00	0.582	
Toluene*	0.102	0.050	07/12/2023	ND	2.03	101	2.00	0.0219	
Ethylbenzene*	0.265	0.050	07/12/2023	ND	2.14	107	2.00	0.829	
Total Xylenes*	1.72	0.150	07/12/2023	ND	6.45	108	6.00	0.336	
Total BTEX	2.09	0.300	07/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/12/2023	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*	110	10.0	07/13/2023	ND	209	105	200	12.4	
DRO >C10-C28*	3660	10.0	07/13/2023	ND	205	102	200	22.3	
EXT DRO >C28-C36	833	10.0	07/13/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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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: 07/11/2023
 Reported: 07/14/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-016.0-04.0-S (H233529-06)

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	07/12/2023	ND	2.02	101	2.00	0.582		
Toluene*	<0.050	0.050	07/12/2023	ND	2.03	101	2.00	0.0219		
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	2.14	107	2.00	0.829		
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.45	108	6.00	0.336		
Total BTEX	<0.300	0.300	07/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/12/2023	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*	17.3	10.0	07/13/2023	ND	209	105	200	12.4	
DRO >C10-C28*	2500	10.0	07/13/2023	ND	205	102	200	22.3	
EXT DRO >C28-C36	628	10.0	07/13/2023	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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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: 07/11/2023
 Reported: 07/14/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-017.0-03.0-S (H233529-07)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/12/2023	ND	2.02	101	2.00	0.582		
Toluene*	<0.050	0.050	07/12/2023	ND	2.03	101	2.00	0.0219		
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	2.14	107	2.00	0.829		
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.45	108	6.00	0.336		
Total BTEX	<0.300	0.300	07/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/12/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	38.3	10.0	07/13/2023	ND	209	105	200	12.4	
DRO >C10-C28*	1280	10.0	07/13/2023	ND	205	102	200	22.3	
EXT DRO >C28-C36	263	10.0	07/13/2023	ND					

Surrogate: 1-Chlorooctane 137 % 48.2-134

Surrogate: 1-Chlorooctadecane 180 % 49.1-148

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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: 07/11/2023
 Reported: 07/14/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-018.0-03.0-S (H233529-08)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2023	ND	2.02	101	2.00	0.582	
Toluene*	<0.050	0.050	07/12/2023	ND	2.03	101	2.00	0.0219	
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	2.14	107	2.00	0.829	
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.45	108	6.00	0.336	
Total BTEX	<0.300	0.300	07/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/12/2023	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	07/13/2023	ND	196	97.9	200	11.8	
DRO >C10-C28*	74.4	10.0	07/13/2023	ND	208	104	200	5.69	
EXT DRO >C28-C36	13.9	10.0	07/13/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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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: 07/11/2023
 Reported: 07/14/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-019.0-03.0-S (H233529-09)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/12/2023	ND	2.02	101	2.00	0.582		
Toluene*	<0.050	0.050	07/12/2023	ND	2.03	101	2.00	0.0219		
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	2.14	107	2.00	0.829		
Total Xylenes*	<0.150	0.150	07/12/2023	ND	6.45	108	6.00	0.336		
Total BTEx	<0.300	0.300	07/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/12/2023	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	07/13/2023	ND	196	97.9	200	11.8	
DRO >C10-C28*	852	10.0	07/13/2023	ND	208	104	200	5.69	
EXT DRO >C28-C36	297	10.0	07/13/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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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.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-03	Multiple analyses indicate the percent recovery exceeds the Quality Control acceptance criteria due to a matrix effect.
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", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 6/25/2024 7:38:01 AM



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

July 20, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: RED TANK 27-28 OG

Enclosed are the results of analyses for samples received by the laboratory on 07/14/23 16:37.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/14/2023
 Reported: 07/20/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/13/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-022.0-03.0-S (H233663-01)

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	07/19/2023	ND	2.04	102	2.00	1.72	
Toluene*	<0.050	0.050	07/19/2023	ND	2.03	102	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	2.01	100	2.00	2.05	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	5.92	98.6	6.00	1.76	
Total BTEX	<0.300	0.300	07/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/18/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	25.5	10.0	07/18/2023	ND	174	87.0	200	1.93	
DRO >C10-C28*	1530	10.0	07/18/2023	ND	171	85.4	200	3.48	
EXT DRO >C28-C36	334	10.0	07/18/2023	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

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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: 07/14/2023
 Reported: 07/20/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/13/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-023.0-03.0-S (H233663-02)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2023	ND	2.04	102	2.00	1.72	
Toluene*	<0.050	0.050	07/19/2023	ND	2.03	102	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	2.01	100	2.00	2.05	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	5.92	98.6	6.00	1.76	
Total BTEX	<0.300	0.300	07/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 143 % 71.5-134

Chloride, SM4500Cl-B			mg/kg					Analyzed By: AC	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/18/2023	ND	448	112	400	3.64	

TPH 8015M			mg/kg					Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	40.6	10.0	07/18/2023	ND	174	87.0	200	1.93	
DRO >C10-C28*	3580	10.0	07/18/2023	ND	171	85.4	200	3.48	
EXT DRO >C28-C36	858	10.0	07/18/2023	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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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: 07/14/2023
 Reported: 07/20/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/13/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-025.0-03.0-S (H233663-03)

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	07/19/2023	ND	2.04	102	2.00	1.72		
Toluene*	<0.050	0.050	07/19/2023	ND	2.03	102	2.00	2.62		
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	2.01	100	2.00	2.05		
Total Xylenes*	<0.150	0.150	07/19/2023	ND	5.92	98.6	6.00	1.76		
Total BTEX	<0.300	0.300	07/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

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	07/18/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	174	87.0	200	1.93	
DRO >C10-C28*	499	10.0	07/18/2023	ND	171	85.4	200	3.48	
EXT DRO >C28-C36	118	10.0	07/18/2023	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received: 07/14/2023
 Reported: 07/20/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/13/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-026.0-03.0-S (H233663-04)

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	07/19/2023	ND	2.04	102	2.00	1.72	
Toluene*	<0.050	0.050	07/19/2023	ND	2.03	102	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	2.01	100	2.00	2.05	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	5.92	98.6	6.00	1.76	
Total BTEX	<0.300	0.300	07/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/18/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	174	87.0	200	1.93	
DRO >C10-C28*	558	10.0	07/18/2023	ND	171	85.4	200	3.48	
EXT DRO >C28-C36	203	10.0	07/18/2023	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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: 07/14/2023
 Reported: 07/20/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/13/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-027.0-03.0-S (H233663-05)

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	07/19/2023	ND	2.04	102	2.00	1.72	
Toluene*	<0.050	0.050	07/19/2023	ND	2.03	102	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	2.01	100	2.00	2.05	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	5.92	98.6	6.00	1.76	
Total BTEX	<0.300	0.300	07/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/18/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	174	87.0	200	1.93	
DRO >C10-C28*	353	10.0	07/18/2023	ND	171	85.4	200	3.48	
EXT DRO >C28-C36	58.2	10.0	07/18/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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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: 07/14/2023
 Reported: 07/20/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/13/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-029.0-03.0-S (H233663-06)

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	07/19/2023	ND	2.04	102	2.00	1.72	
Toluene*	<0.050	0.050	07/19/2023	ND	2.03	102	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	2.01	100	2.00	2.05	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	5.92	98.6	6.00	1.76	
Total BTEX	<0.300	0.300	07/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

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	07/18/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	174	87.0	200	1.93	
DRO >C10-C28*	380	10.0	07/18/2023	ND	171	85.4	200	3.48	
EXT DRO >C28-C36	66.4	10.0	07/18/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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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: 07/14/2023
 Reported: 07/20/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/13/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-020.0-03.0-S (H233663-07)

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	07/19/2023	ND	2.04	102	2.00	1.72	
Toluene*	<0.050	0.050	07/19/2023	ND	2.03	102	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/19/2023	ND	2.01	100	2.00	2.05	
Total Xylenes*	<0.150	0.150	07/19/2023	ND	5.92	98.6	6.00	1.76	
Total BTEX	<0.300	0.300	07/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/18/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	174	87.0	200	1.93	
DRO >C10-C28*	288	10.0	07/18/2023	ND	171	85.4	200	3.48	
EXT DRO >C28-C36	48.5	10.0	07/18/2023	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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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: 07/14/2023
 Reported: 07/20/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/13/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-021.0-03.0-S (H233663-08)

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	07/20/2023	ND	2.04	102	2.00	1.72	
Toluene*	<0.050	0.050	07/20/2023	ND	2.03	102	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.01	100	2.00	2.05	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.92	98.6	6.00	1.76	
Total BTEX	<0.300	0.300	07/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/18/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	174	87.0	200	1.93	
DRO >C10-C28*	920	10.0	07/18/2023	ND	171	85.4	200	3.48	
EXT DRO >C28-C36	238	10.0	07/18/2023	ND					

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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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: 07/14/2023
 Reported: 07/20/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/13/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-024.0-03.0-S (H233663-09)

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	07/20/2023	ND	2.04	102	2.00	1.72	
Toluene*	<0.050	0.050	07/20/2023	ND	2.03	102	2.00	2.62	
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.01	100	2.00	2.05	
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.92	98.6	6.00	1.76	
Total BTEX	<0.300	0.300	07/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/18/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	12.6	10.0	07/18/2023	ND	174	87.0	200	1.93	
DRO >C10-C28*	3250	10.0	07/18/2023	ND	171	85.4	200	3.48	
EXT DRO >C28-C36	815	10.0	07/18/2023	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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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: 07/14/2023
 Reported: 07/20/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/13/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-028.0-03.0-S (H233663-10)

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	07/20/2023	ND	2.04	102	2.00	1.72		
Toluene*	<0.050	0.050	07/20/2023	ND	2.03	102	2.00	2.62		
Ethylbenzene*	<0.050	0.050	07/20/2023	ND	2.01	100	2.00	2.05		
Total Xylenes*	<0.150	0.150	07/20/2023	ND	5.92	98.6	6.00	1.76		
Total BTEX	<0.300	0.300	07/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/18/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	174	87.0	200	1.93	
DRO >C10-C28*	1210	10.0	07/18/2023	ND	171	85.4	200	3.48	
EXT DRO >C28-C36	306	10.0	07/18/2023	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services				P.O. #:				BILL TO				ANALYSIS REQUEST			
Project Manager: Dan Dunkelberg				Company: OXY USA Inc											
Address: 8426 N Dal Paso				Attn: Wade Dittich											
City: Hobbs				Address:											
State: NM Zip: 88241															
Phone #:				City:											
Project #:				State:				Zip:							
Project Name: Red Tank 27-28 OG				Project Owner: (see below)											
Project Location: LEA CO., NM				dan@trinityoilfieldservices.com											
Sampler Name: JHC				Phone #:											
FOR LAB USE ONLY				FAX #:											
Lab I.D. H233663				Sample I.D.											
CF-022.0-03.0-S				C 1				7/13/2023				Chloride			
CF-023.0-03.0-S				C 1				7/13/2023				TPH			
CF-025.0-03.0-S				C 1				7/13/2023				BTEX			
CF-026.0-03.0-S				C 1				7/13/2023							
CF-027.0-03.0-S				C 1				7/13/2023							
CF-029.0-03.0-S				C 1				7/13/2023							
CF-020.0-03.0-S				C 1				7/13/2023							
CF-021.0-03.0-S				C 1				7/13/2023							
CF-024.0-03.0-S				C 1				7/13/2023							
CF-028.0-03.0-S				C 1				7/13/2023							
Date: 7-14-23				Received By: [Signature]				Verbal Result: Yes				Add'l Phone #:			
Time: 10:57				Time: 10:57				All Results are emailed. Please provide Email address:							
Relinquished By: [Signature]				Received By: [Signature]				REMARKS:							
Date:				Time:											
Delivered By: (Circle One)				Observed Temp. °C				Sample Condition				CHECKED BY: (Initials)			
Cool Intact				Yes				No				Standard			
Thermometer ID #113				Correction Factor -0.5 °C				Turnaround Time:				Bacteria (only) Sample Condition			
Cool Intact				Yes				No				Cool Intact			
Observed Temp. °C				Corrected Temp. °C											

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



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

July 24, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: RED TANK 27-28 OG

Enclosed are the results of analyses for samples received by the laboratory on 07/18/23 16:12.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/18/2023
 Reported: 07/24/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/17/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CW-001.0-01.5-S (H233732-01)

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	07/22/2023	ND	1.96	97.9	2.00	0.349	
Toluene*	<0.050	0.050	07/22/2023	ND	1.97	98.5	2.00	0.125	
Ethylbenzene*	<0.050	0.050	07/22/2023	ND	2.02	101	2.00	0.166	
Total Xylenes*	<0.150	0.150	07/22/2023	ND	5.95	99.1	6.00	0.336	
Total BTEX	<0.300	0.300	07/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/21/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	170	84.8	200	7.89	
DRO >C10-C28*	595	10.0	07/21/2023	ND	183	91.4	200	6.97	
EXT DRO >C28-C36	140	10.0	07/21/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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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: 07/18/2023
 Reported: 07/24/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/17/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CW-002.0-01.5-S (H233732-02)

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	07/22/2023	ND	1.96	97.9	2.00	0.349		
Toluene*	<0.050	0.050	07/22/2023	ND	1.97	98.5	2.00	0.125		
Ethylbenzene*	<0.050	0.050	07/22/2023	ND	2.02	101	2.00	0.166		
Total Xylenes*	<0.150	0.150	07/22/2023	ND	5.95	99.1	6.00	0.336		
Total BTEX	<0.300	0.300	07/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/21/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	170	84.8	200	7.89	
DRO >C10-C28*	265	10.0	07/21/2023	ND	183	91.4	200	6.97	
EXT DRO >C28-C36	84.7	10.0	07/21/2023	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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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: 07/18/2023
 Reported: 07/24/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/17/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CW-003.0-01.5-S (H233732-03)

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	07/22/2023	ND	1.96	97.9	2.00	0.349	
Toluene*	<0.050	0.050	07/22/2023	ND	1.97	98.5	2.00	0.125	
Ethylbenzene*	<0.050	0.050	07/22/2023	ND	2.02	101	2.00	0.166	
Total Xylenes*	<0.150	0.150	07/22/2023	ND	5.95	99.1	6.00	0.336	
Total BTEX	<0.300	0.300	07/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/21/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	170	84.8	200	7.89	
DRO >C10-C28*	49.6	10.0	07/21/2023	ND	183	91.4	200	6.97	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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: 07/18/2023
 Reported: 07/24/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/17/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CW-004.0-02.0-S (H233732-04)

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	07/22/2023	ND	1.96	97.9	2.00	0.349		
Toluene*	<0.050	0.050	07/22/2023	ND	1.97	98.5	2.00	0.125		
Ethylbenzene*	<0.050	0.050	07/22/2023	ND	2.02	101	2.00	0.166		
Total Xylenes*	<0.150	0.150	07/22/2023	ND	5.95	99.1	6.00	0.336		
Total BTEX	<0.300	0.300	07/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/21/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	170	84.8	200	7.89	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	183	91.4	200	6.97	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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: 07/18/2023
 Reported: 07/24/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/17/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CW-005.0-02.0-S (H233732-05)

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	07/22/2023	ND	1.96	97.9	2.00	0.349		
Toluene*	<0.050	0.050	07/22/2023	ND	1.97	98.5	2.00	0.125		
Ethylbenzene*	<0.050	0.050	07/22/2023	ND	2.02	101	2.00	0.166		
Total Xylenes*	<0.150	0.150	07/22/2023	ND	5.95	99.1	6.00	0.336		
Total BTEX	<0.300	0.300	07/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/21/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	170	84.8	200	7.89	
DRO >C10-C28*	288	10.0	07/21/2023	ND	183	91.4	200	6.97	
EXT DRO >C28-C36	106	10.0	07/21/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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

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

Celey D. Keene, Lab Director/Quality Manager

Page 8 of 8



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

July 28, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: RED TANK 27-28 OG

Enclosed are the results of analyses for samples received by the laboratory on 07/21/23 15:16.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive 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: 07/21/2023
 Reported: 07/28/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-002.0-04.0-S (H233827-01)

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	07/27/2023	ND	1.99	99.3	2.00	0.709	
Toluene*	<0.050	0.050	07/27/2023	ND	1.91	95.7	2.00	2.13	
Ethylbenzene*	<0.050	0.050	07/27/2023	ND	2.01	100	2.00	2.73	
Total Xylenes*	<0.150	0.150	07/27/2023	ND	6.04	101	6.00	4.92	
Total BTEX	<0.300	0.300	07/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/26/2023	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	07/28/2023	ND	174	87.2	200	1.01	
DRO >C10-C28*	28.2	10.0	07/28/2023	ND	185	92.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	07/28/2023	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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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: 07/21/2023
 Reported: 07/28/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-009.0-04.0-S (H233827-02)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2023	ND	1.99	99.3	2.00	0.709	
Toluene*	<0.050	0.050	07/27/2023	ND	1.91	95.7	2.00	2.13	
Ethylbenzene*	<0.050	0.050	07/27/2023	ND	2.01	100	2.00	2.73	
Total Xylenes*	<0.150	0.150	07/27/2023	ND	6.04	101	6.00	4.92	
Total BTEX	<0.300	0.300	07/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/26/2023	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	07/26/2023	ND	174	87.2	200	1.01	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	185	92.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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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: 07/21/2023
 Reported: 07/28/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-013.0-05.0-S (H233827-03)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2023	ND	1.99	99.3	2.00	0.709	
Toluene*	<0.050	0.050	07/27/2023	ND	1.91	95.7	2.00	2.13	
Ethylbenzene*	<0.050	0.050	07/27/2023	ND	2.01	100	2.00	2.73	
Total Xylenes*	<0.150	0.150	07/27/2023	ND	6.04	101	6.00	4.92	
Total BTEX	<0.300	0.300	07/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/26/2023	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	07/26/2023	ND	174	87.2	200	1.01	
DRO >C10-C28*	16.9	10.0	07/26/2023	ND	185	92.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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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: 07/21/2023
 Reported: 07/28/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-014.0-05.0-S (H233827-04)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2023	ND	1.99	99.3	2.00	0.709		
Toluene*	<0.050	0.050	07/27/2023	ND	1.91	95.7	2.00	2.13		
Ethylbenzene*	<0.050	0.050	07/27/2023	ND	2.01	100	2.00	2.73		
Total Xylenes*	<0.150	0.150	07/27/2023	ND	6.04	101	6.00	4.92		
Total BTEX	<0.300	0.300	07/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/26/2023	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	07/26/2023	ND	174	87.2	200	1.01	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	185	92.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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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: 07/21/2023
 Reported: 07/28/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-015.0-05.0-S (H233827-05)

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	07/27/2023	ND	1.99	99.3	2.00	0.709		
Toluene*	<0.050	0.050	07/27/2023	ND	1.91	95.7	2.00	2.13		
Ethylbenzene*	<0.050	0.050	07/27/2023	ND	2.01	100	2.00	2.73		
Total Xylenes*	<0.150	0.150	07/27/2023	ND	6.04	101	6.00	4.92		
Total BTEX	<0.300	0.300	07/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/26/2023	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	07/26/2023	ND	174	87.2	200	1.01	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	185	92.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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: 07/21/2023
 Reported: 07/28/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-016.0-05.0-S (H233827-06)

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	07/27/2023	ND	1.99	99.3	2.00	0.709		
Toluene*	<0.050	0.050	07/27/2023	ND	1.91	95.7	2.00	2.13		
Ethylbenzene*	<0.050	0.050	07/27/2023	ND	2.01	100	2.00	2.73		
Total Xylenes*	<0.150	0.150	07/27/2023	ND	6.04	101	6.00	4.92		
Total BTEX	<0.300	0.300	07/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/26/2023	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	07/26/2023	ND	174	87.2	200	1.01	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	185	92.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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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: 07/21/2023
 Reported: 07/28/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-017.0-04.0-S (H233827-07)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2023	ND	1.99	99.3	2.00	0.709	
Toluene*	<0.050	0.050	07/27/2023	ND	1.91	95.7	2.00	2.13	
Ethylbenzene*	<0.050	0.050	07/27/2023	ND	2.01	100	2.00	2.73	
Total Xylenes*	<0.150	0.150	07/27/2023	ND	6.04	101	6.00	4.92	
Total BTEX	<0.300	0.300	07/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/26/2023	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	07/26/2023	ND	174	87.2	200	1.01	
DRO >C10-C28*	15.2	10.0	07/26/2023	ND	185	92.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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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: 07/21/2023
 Reported: 07/28/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-030.0-04.0-S (H233827-08)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2023	ND	1.99	99.3	2.00	0.709		
Toluene*	<0.050	0.050	07/27/2023	ND	1.91	95.7	2.00	2.13		
Ethylbenzene*	<0.050	0.050	07/27/2023	ND	2.01	100	2.00	2.73		
Total Xylenes*	<0.150	0.150	07/27/2023	ND	6.04	101	6.00	4.92		
Total BTEX	<0.300	0.300	07/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/26/2023	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	07/26/2023	ND	174	87.2	200	1.01	
DRO >C10-C28*	1500	10.0	07/26/2023	ND	185	92.3	200	1.64	
EXT DRO >C28-C36	377	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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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: 07/21/2023
 Reported: 07/28/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-031.0-04.0-S (H233827-09)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2023	ND	1.99	99.3	2.00	0.709		
Toluene*	<0.050	0.050	07/27/2023	ND	1.91	95.7	2.00	2.13		
Ethylbenzene*	<0.050	0.050	07/27/2023	ND	2.01	100	2.00	2.73		
Total Xylenes*	<0.150	0.150	07/27/2023	ND	6.04	101	6.00	4.92		
Total BTEX	<0.300	0.300	07/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/26/2023	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	07/26/2023	ND	174	87.2	200	1.01	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	185	92.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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: 07/21/2023
 Reported: 07/28/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-032.0-04.0-S (H233827-10)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2023	ND	1.99	99.3	2.00	0.709		
Toluene*	<0.050	0.050	07/27/2023	ND	1.91	95.7	2.00	2.13		
Ethylbenzene*	<0.050	0.050	07/27/2023	ND	2.01	100	2.00	2.73		
Total Xylenes*	<0.150	0.150	07/27/2023	ND	6.04	101	6.00	4.92		
Total BTEX	<0.300	0.300	07/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/26/2023	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	07/26/2023	ND	174	87.2	200	1.01	
DRO >C10-C28*	10.2	10.0	07/26/2023	ND	185	92.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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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: 07/21/2023
 Reported: 07/28/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CW-006.0-02.0-S (H233827-11)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2023	ND	1.99	99.3	2.00	0.709		
Toluene*	<0.050	0.050	07/27/2023	ND	1.91	95.7	2.00	2.13		
Ethylbenzene*	<0.050	0.050	07/27/2023	ND	2.01	100	2.00	2.73		
Total Xylenes*	<0.150	0.150	07/27/2023	ND	6.04	101	6.00	4.92		
Total BTEx	<0.300	0.300	07/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/26/2023	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	07/26/2023	ND	174	87.2	200	1.01	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	185	92.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

Page 14 of 15



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services		BILL TO		ANALYSIS REQUEST																																							
Project Manager: Dan Dunkelberg		P.O. #:																																									
Address: 8426 N Del Paso		Company: OXY USA Inc																																									
City: Hobbs		Attn: Wade Dittich																																									
State: NM Zip: 88241		Address:																																									
Phone #:		City:																																									
Project #:		Project Owner: (see below)																																									
Project Name: Red Tank 27-28 OG		State: Zip:																																									
Project Location: LEA CO., NM		Phone #:																																									
Sample Name: JHC		Fax #:																																									
FOR LAB USE ONLY		MATRIX		PRESERV.		SAMPLING																																					
Lab I.D. H233847		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chloride		TPH		BTEX											
Sample I.D. CW-006.0-02.0-S		C		1		X																		7/18/2023				X		X		X											



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

August 02, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: RED TANK 27-28 OG

Enclosed are the results of analyses for samples received by the laboratory on 07/26/23 16:30.

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

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: 07/26/2023
 Reported: 08/02/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-022.0-04.0-S (H233925-01)

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	08/01/2023	ND	2.17	108	2.00	0.116	
Toluene*	<0.050	0.050	08/01/2023	ND	2.10	105	2.00	2.16	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.14	107	2.00	0.970	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.38	106	6.00	0.439	
Total BTEX	<0.300	0.300	08/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/31/2023	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	07/31/2023	ND	198	99.0	200	1.88	
DRO >C10-C28*	<10.0	10.0	07/31/2023	ND	189	94.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	07/31/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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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: 07/26/2023
 Reported: 08/02/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-023.0-04.0-S (H233925-02)

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	08/01/2023	ND	2.17	108	2.00	0.116		
Toluene*	<0.050	0.050	08/01/2023	ND	2.10	105	2.00	2.16		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.14	107	2.00	0.970		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.38	106	6.00	0.439		
Total BTX	<0.300	0.300	08/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/31/2023	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	07/31/2023	ND	198	99.0	200	1.88	
DRO >C10-C28*	<10.0	10.0	07/31/2023	ND	189	94.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	07/31/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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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: 07/26/2023
 Reported: 08/02/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-024.0-04.0-S (H233925-03)

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	08/01/2023	ND	2.17	108	2.00	0.116		
Toluene*	<0.050	0.050	08/01/2023	ND	2.10	105	2.00	2.16		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.14	107	2.00	0.970		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.38	106	6.00	0.439		
Total BTEx	<0.300	0.300	08/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/31/2023	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	07/31/2023	ND	198	99.0	200	1.88	
DRO >C10-C28*	<10.0	10.0	07/31/2023	ND	189	94.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	07/31/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received: 07/26/2023
 Reported: 08/02/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 07/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-028.0-04.0-S (H233925-04)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2023	ND	2.04	102	2.00	1.25	
Toluene*	<0.050	0.050	08/01/2023	ND	1.95	97.4	2.00	0.667	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.00	100	2.00	0.443	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	5.90	98.4	6.00	0.191	
Total BTEX	<0.300	0.300	08/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/31/2023	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	07/31/2023	ND	198	99.0	200	1.88	
DRO >C10-C28*	<10.0	10.0	07/31/2023	ND	189	94.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	07/31/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager

Page 7 of 7



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

August 23, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: RED TANK 27-28 OG

Enclosed are the results of analyses for samples received by the laboratory on 08/17/23 16:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/17/2023
 Reported: 08/23/2023
 Project Name: RED TANK 27-28 OG
 Project Number: NONE GIVEN
 Project Location: OXY - LEA CO NM

Sampling Date: 08/17/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-030.0-04.5-S (H234478-01)

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	08/22/2023	ND	1.93	96.5	2.00	3.20	
Toluene*	<0.050	0.050	08/22/2023	ND	1.91	95.6	2.00	3.56	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.99	99.5	2.00	4.37	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.98	99.7	6.00	4.46	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/22/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	163	81.7	200	6.57	
DRO >C10-C28*	267	10.0	08/22/2023	ND	173	86.6	200	6.35	
EXT DRO >C28-C36	69.9	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 4

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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

QUESTIONS

Action 324673

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 324673
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2134051416
Incident Name	NAPP2134051416 RED TANK 27-28 OG @ 0
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2215035840] Red Tank 27 28 Oil Gathering System

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	RED TANK 27-28 OG
Date Release Discovered	12/04/2021
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Human Error Valve Crude Oil Released: 25 BBL Recovered: 23 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 324673

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	324673
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 06/10/2024
--	---

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS, Page 3

Action 324673

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	324673
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	336
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	41945
GRO+DRO (EPA SW-846 Method 8015M)	34285
BTEX (EPA SW-846 Method 8021B or 8260B)	369
Benzene (EPA SW-846 Method 8021B or 8260B)	3.4

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	07/05/2023
On what date will (or did) the final sampling or liner inspection occur	07/05/2023
On what date will (or was) the remediation complete(d)	08/17/2023
What is the estimated surface area (in square feet) that will be reclaimed	4799
What is the estimated volume (in cubic yards) that will be reclaimed	710
What is the estimated surface area (in square feet) that will be remediated	4799
What is the estimated volume (in cubic yards) that will be remediated	652

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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1000 Rio Brazos Rd., Aztec, NM 87410
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District IV

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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

QUESTIONS, Page 4

Action 324673

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 324673
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 06/20/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

District I
1625 N. French Dr., Hobbs, NM 88240
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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

QUESTIONS, Page 5

Action 324673

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 324673
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 324673

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	324673
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	356392
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/21/2024
What was the (estimated) number of samples that were to be gathered	50
What was the sampling surface area in square feet	4799

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	4799
What was the total volume (cubic yards) remediated	652
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Final reclamation of the well pad shall take place in accordance with 19.15.29.13 NMAC once the site is no longer being used for oil and gas operations.

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 06/21/2024
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QUESTIONS, Page 7

Action 324673

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 324673
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 324673

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	324673
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC	6/25/2024