

Incident ID	NAPP2133331019
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Wade Dittich Title: Environmental Coordinator
Signature: Wade Dittich Date: 03/13/2022
email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: Jennifer Nobui Date: 03/22/2022
Printed Name: Jennifer Nobui Title: Environmental Specialist A

Trinity Oilfield Services & Rentals, LLC



March 14, 2022

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

Re: **Closure Request**
Federal 23-11 Battery
Tracking #: NAPP2133331019

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

Site Information	
Incident ID	NAPP2133331019
Site Name	Federal 23-11 Battery
Company	OXY USA Inc.
County	Eddy County, NM
ULSTR	D-26-22S-31E
GPS Coordinates (NAD 83)	32.3680573, -103.7559509
Landowner	Federal

RELEASE BACKGROUND

On 11/11/2021, Oxy reported a release at the Federal 23-11 Battery. The release was caused by a pin hole leak in a buried steel line due to corrosion. Approximately 3,800 ft² of the pad was found to be damp upon initial inspection

Release Information	
Date of Release	11/11/2021
Type of Release	Produced Water
Source of Release	Equipment Failure
Volume Released – Produced Water	Approximately 25 bbls
Volume Recovered – Produced Water	Approximately 0 bbls
Affected Area – Damp Soil	Pad - Approximately 3,800 sq. ft.
Site Location Map	Figure 1

SITE CHARACTERIZATION AND CLOSURE CRITERIA

Depth to Groundwater/Wellhead Protection:

Data Source	Well Number	Data Date	Depth (ft.)
NMOSE	NA	NA	NA
USGS	NA	NA	NA

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

General Site Characterization:

Site Assessment	
Karst Potential	Low
Distance to Watercourse	> 1000 ft
Pasture Impact	No

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

Closure Criteria:

Site & Pasture 4ft bgs Recommended Remedial Action Levels (RRALs)	
Chlorides	600 mg/kg
TPH (GRO and DRO and MRO)	100 mg/kg
Benzene	10 mg/kg
BTEX	50 mg/kg

A reclamation standard of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top four feet of the pasture area that was impacted by the release, per NMAC 19.15.29.13.D (1) for the top four feet of areas that will be reclaimed following remediation.

INITIAL ASSESMENT AND REMEDIATION ACTIVITES

Initial Sample Activities:

Delineation Summary	
Delineation Dates	11/29/21 & 12/6/21
Sample Locations	SD-1 – SD-3
Total Initial Samples	21
Depths Sampled	Surface to 6 ft bgs.
Delineation Map	Figure 2
Laboratory Results	Table 1

A total of Three (3) delineation sample point (SD-1 – SD-3) on the pad were investigated to depths ranging between Surface and 6 ft bgs using a hand auger or backhoe. A total of Twenty-One (21) samples were collected for laboratory analysis during the initial delineation of the site.

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

Confirmation Activities:

Remediation Summary	
Remediation Dates	02/3/22 – 02/07/22
Liner Variance Request	None
Deferral Request	None
Depths Excavated	3 – 8 ft bgs
Area Represented by the required 5-point Confirmation Samples – Floors and Walls	200 sqFt
Total Volume of Excavated Soil	714 yds
Remediation Map	Figure 3
Laboratory Results	Table 1

Impacted soil within the release margins were excavated and temporarily stockpiled on-site on a 6-mil plastic sheeting, pending final disposition. The floors of the excavated area were advanced until laboratory analytical results from confirmation soil samples indicate Chloride, Benzene, BTEX, and TPH concentrations are below the NMOCD Closure Criteria listed in the Table above, and all walls were advanced to meet reclamation standard. Confirmation soil samples (five-point composites representing no more than 200 ft² of the excavated area) were collected from the floor and sidewalls.

Upon receiving laboratory analytical data showing that confirmation soil samples from the excavated areas yield results below the selected NMOCD Table 1 Closure Criteria; the impacted soil was transported under manifest to a NMOCD-approved disposal facility (Lea Land LLC, Permit Number: WM-01-035 New Mexico) and the excavated area was backfilled with locally sourced, non-impacted "like" material.

SITE RECLAMATION AND RESTORATION

Areas affected by the release and the associated remediation activities were restored to a condition which existed prior to the release to the extent practicable. The affected area was contoured and/or compacted to provide erosion control, stability and preservation of surface water flow. Affected areas not on production pads and/or lease roads will be reseeded with a prescribed US Bureau of Land Management seed mixture during the first favorable growing season following closure of the site in accordance with the applicable regulatory agency.

REQUEST FOR CLOSURE

Supporting Documentation	
Initial C-141 with Spill Calculations	Signed and Attached
C-141, page 6	Signed and Attached
Depth to Groundwater Maps and Source	Attached
Delineation & Remediation Maps	Attached
US NWI Map	Attached
FEMA Flood Hazard Map	Attached
USDA Soil Survey	Attached
Site Photography	Attached
Laboratory Analytics with COCs	Attached

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

Sincerely,

Dan Dunkelberg
Project Manager

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

OXY USA, Inc
FEDERAL 23-11 BATTERY
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP213331019



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M					SM4500CI-B
					BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C ₆ -C ₁₀ (mg/Kg)	DRO C ₁₀ -C ₂₈ (mg/Kg)	GRO+ DRO (mg/kg)	MRO C ₂₈ -C ₃₆ (mg/Kg)	TPH C ₆ -C ₃₆ (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Closure Limits					10	NE	NE	NE	NE	50	NE	NE	NE	NE	100	600	
Initial Delineation																	
SD-1 Vertical @ 4'	4'	11/29/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	554
SD-1 Vertical @ 5'	5'	11/29/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SD-1 Vertical @ 6'	6'	11/29/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SD-1 S @ 1'	1'	11/29/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SD-1 W @ 1'	1'	11/29/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SD-2 Vertical @ 1'	1'	11/29/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,360
SD-2 Vertical @ 2'	2'	11/29/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
SD-2 Vertical @ 3'	3'	11/29/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SD-2 Vertical @ 4'	4'	11/29/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SD-2 N @ 1'	1'	11/29/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SD-2 W @ 1'	1'	11/29/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
SD-3 Vertical @ 1'	1'	11/29/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,200
SD-3 Vertical @ 2'	2'	11/29/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,560
SD-3 Vertical @ 3'	3'	11/29/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,880
SD-3 Vertical @ 4'	4'	11/29/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496
SD-3 N @ 1'	1'	11/29/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,140
SD-3 N @ 1'	1'	12/6/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
SD-3 E @ 1'	1'	11/29/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	928
SD-3 E @ 1'	1'	12/6/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
SD-3 S @ 1'	1'	11/29/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	832
SD-3 S @ 1'	1'	12/6/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
Remediation Floors																	
SR - 1 @ 8'	8'	2/3/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SR - 2 @ 8'	8'	2/3/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SR - 3 @ 4'	4'	2/3/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SR - 4 @ 3'	3'	2/3/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SR - 5 @ 3'	3'	2/3/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SR - 6 @ 4'	4'	2/3/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SR - 7 @ 4'	4'	2/3/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SR - 8 @ 8'	8'	2/3/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SR - 9 @ 3'	3'	2/3/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SR - 10 @ 3'	3'	2/3/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SR - 11 @ 8'	8'	2/4/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SR - 12 @ 4'	4'	2/4/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SR - 13 @ 4'	4'	2/4/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SR - 14 @ 4'	4'	2/4/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SR - 15 @ 4'	4'	2/4/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SR - 16 @ 4'	4'	2/4/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SR - 17 @ 8'	8'	2/4/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SR - 18 @ 8'	8'	2/4/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SR - 19 @ 8'	8'	2/4/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SR - 20 @ 8'	8'	2/4/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SR - 21 @ 8'	8'	2/4/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
Remediation Walls																	
SR - 1 N @ 2'	2'	2/7/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SR - 2 W @ 2'	2'	2/7/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SR - 3 W @ 2'	2'	2/7/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SR - 4 S @ 2'	2'	2/7/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SR - 5 E @ 4'	4'	2/7/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SR - 6 S @ 4'	4'	2/7/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SR - 7 S @ 4'	4'	2/7/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SR - 8 E @ 4'	4'	2/7/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

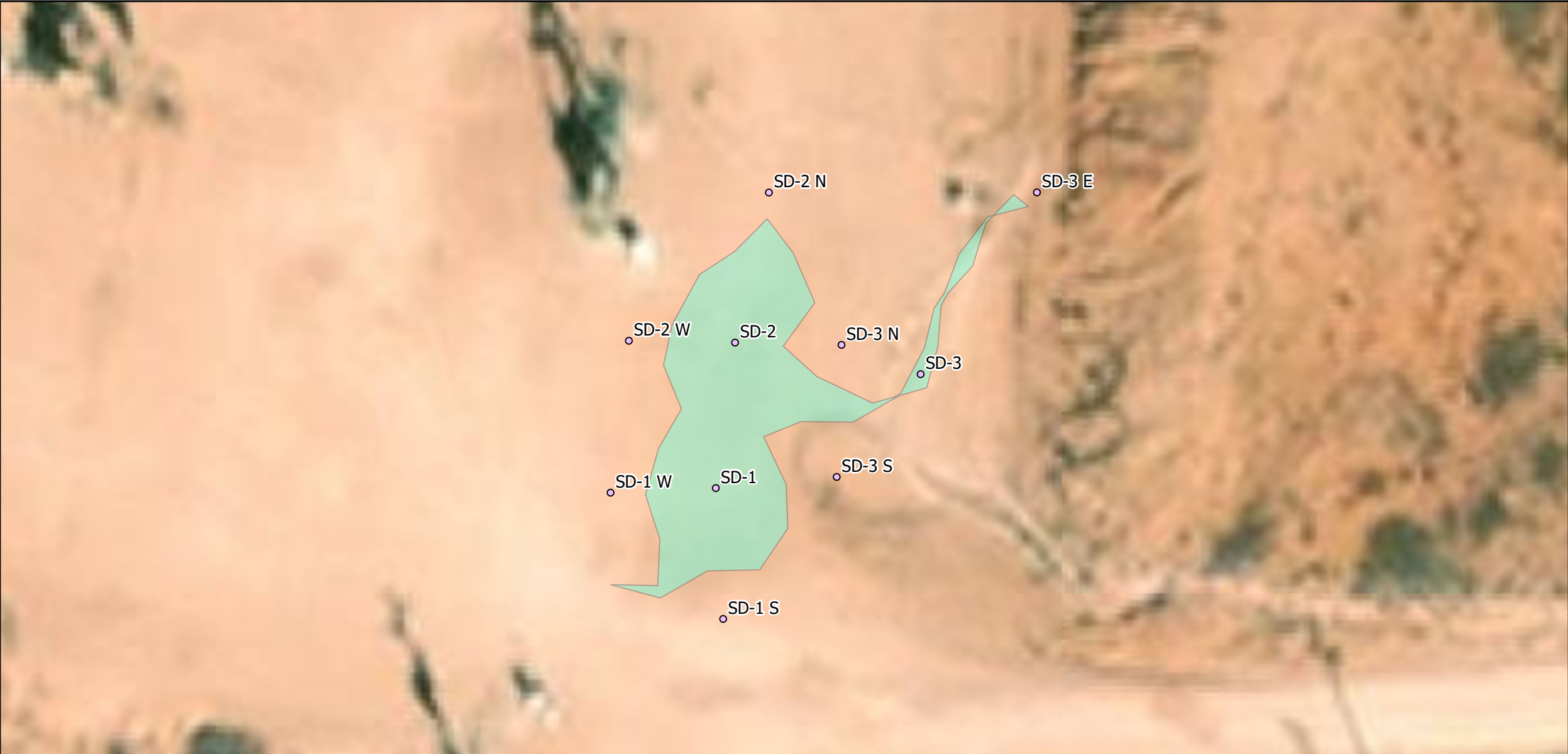
TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

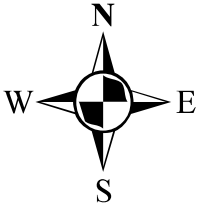


OXY USA, Inc
FEDERAL 23-11 BATTERY
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2133331019

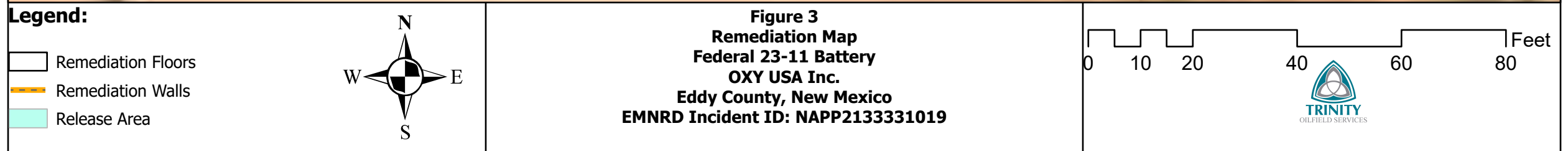


SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M					SM4500Cl-B
					BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C ₆ -C ₁₀ (mg/Kg)	DRO C ₁₀ -C ₂₈ (mg/Kg)	GRO+ DRO (mg/kg)	MRO C ₂₈ -C ₃₆ (mg/Kg)	TPH C ₆ -C ₃₆ (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Closure Limits					10	NE	NE	NE	NE	NE	50	NE	NE	NE	NE	100	600
SR - 9 E @ 4'	4'	2/7/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SR - 10 N @ 4'	4'	2/7/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SR - 11 W @ 4'	4'	2/7/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SR - 12 W @ 4'	4'	2/7/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SR - 13 N @ 4'	4'	2/7/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SR - 14 E @ 4'	4'	2/7/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SR - 15 E @ 4'	4'	2/7/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SR - 16 N @ 4'	4'	2/7/2022	Comp	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0

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



<p>Legend:</p> <ul style="list-style-type: none">○ Delineation■ Release Area 	<p align="center">Figure 2 Initial Delineation Map Federal 23-11 Battery OXY USA Inc. Eddy County, New Mexico EMNRD Incident ID: NAPP2133331019</p>	 <p align="right">Feet</p> 
--	---	---





Excavation





Excavation

Southeast:



East:





Excavation

Southwest:



South:





Backfill

Northeast:



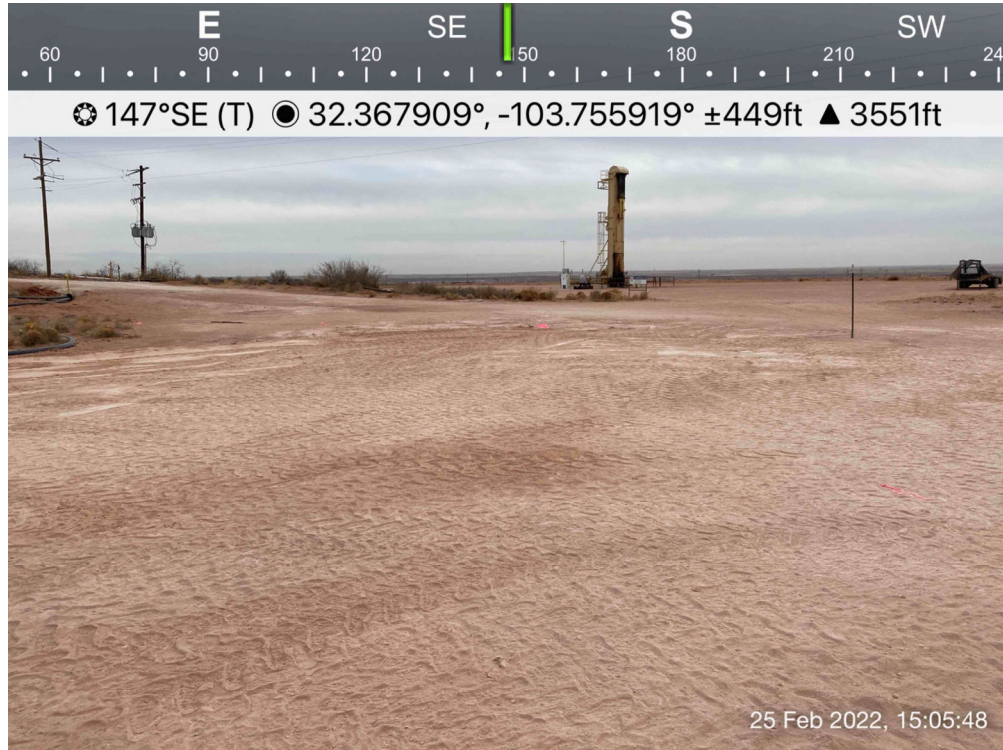
Northeast:





Backfill

Southeast:



East:



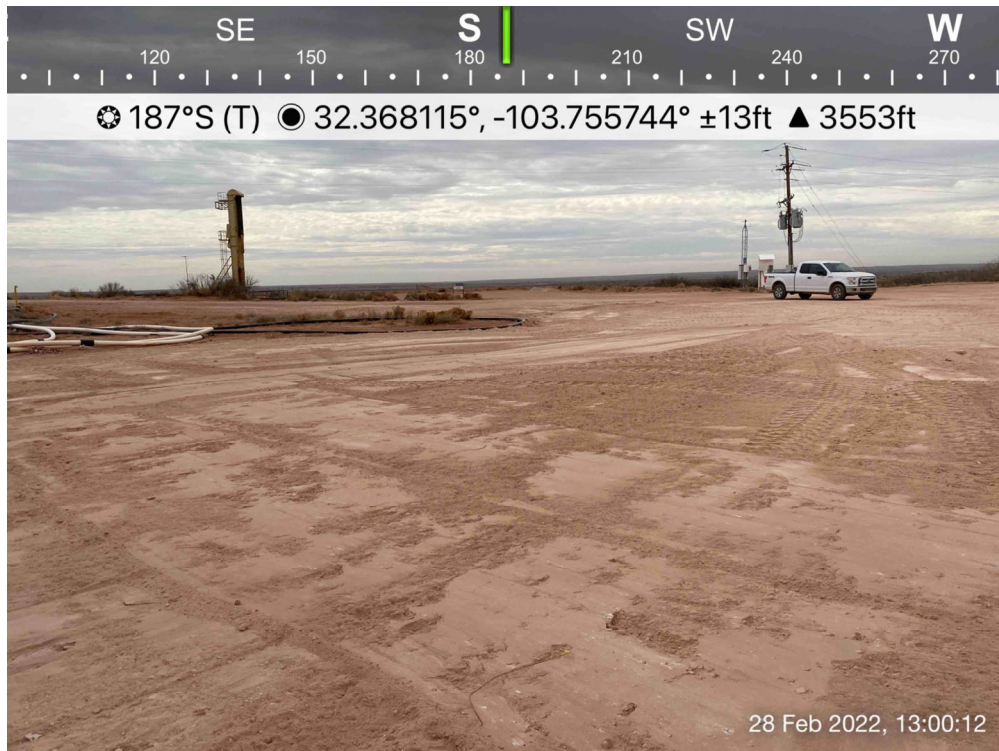


Backfill

West:



South:






NAPP2133331019 | FEDERAL 23-11 BATTERY
Delineation GPS Location


Point	Lat	Long
SD-1	32.36785	-103.75585
SD-1 S	32.36777	-103.75584
SD-1 W	32.36785	-103.75594
SD-2	32.36795	-103.75584
SD-2 N	32.36806	-103.75581
SD-2 W	32.36796	-103.75592
SD-3	32.36793	-103.75568
SD-3 N	32.36795	-103.75575
SD-3 S	32.36786	-103.75575
SD-3 E	32.36806	-103.75559


Karst Potential
APP2133331019
FEDERAL 23-11 BATTERY
-26-22S-31E
2.3680573,-103.7559509


Released to Imaging: 3/22/2022 3:17:01 PM

Legend

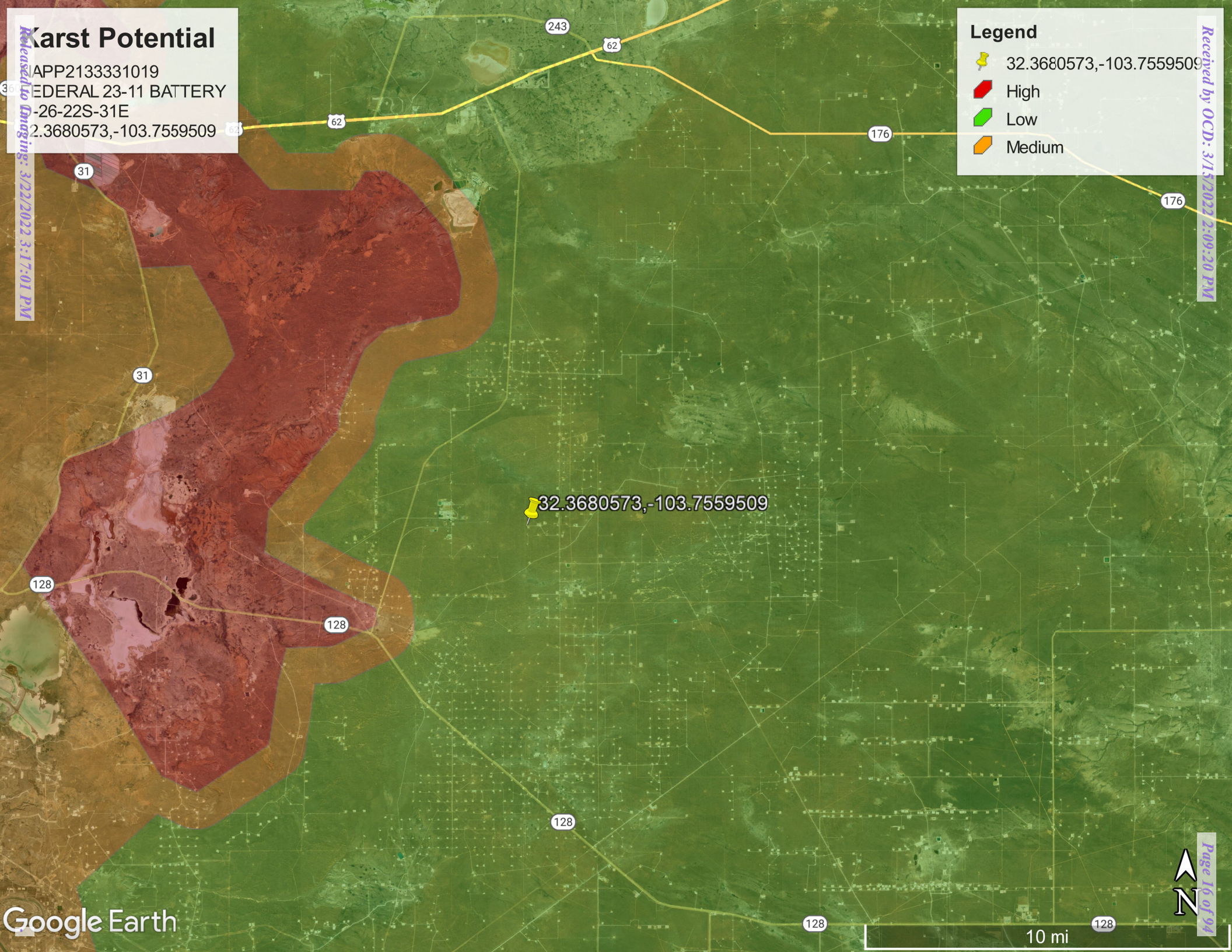
 32.3680573,-103.7559509

 High

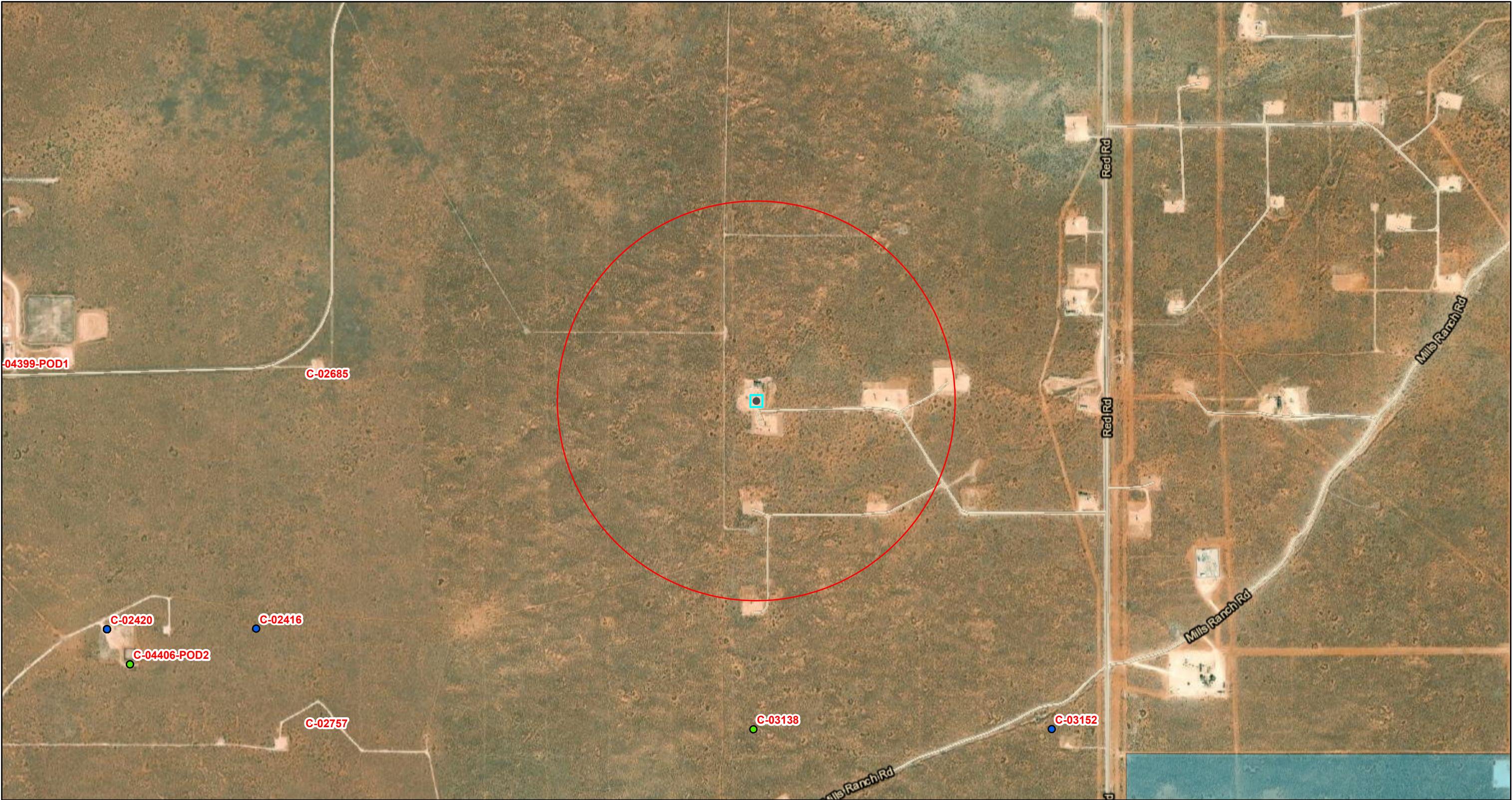
 Low

 Medium

Received by OCD: 3/15/2022 2:09:20 PM



NAPP2133331019 | FEDERAL 23-11 BATTERY



3/14/2022, 2:43:44 PM

GIS WATERS PODs

OSE District Boundary

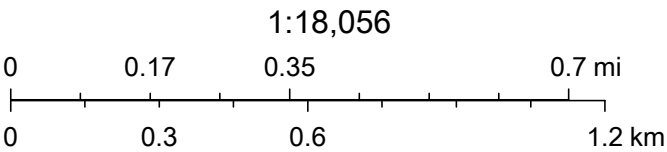
SiteBoundaries

Active

New Mexico State Trust Lands

Pending

Both Estates

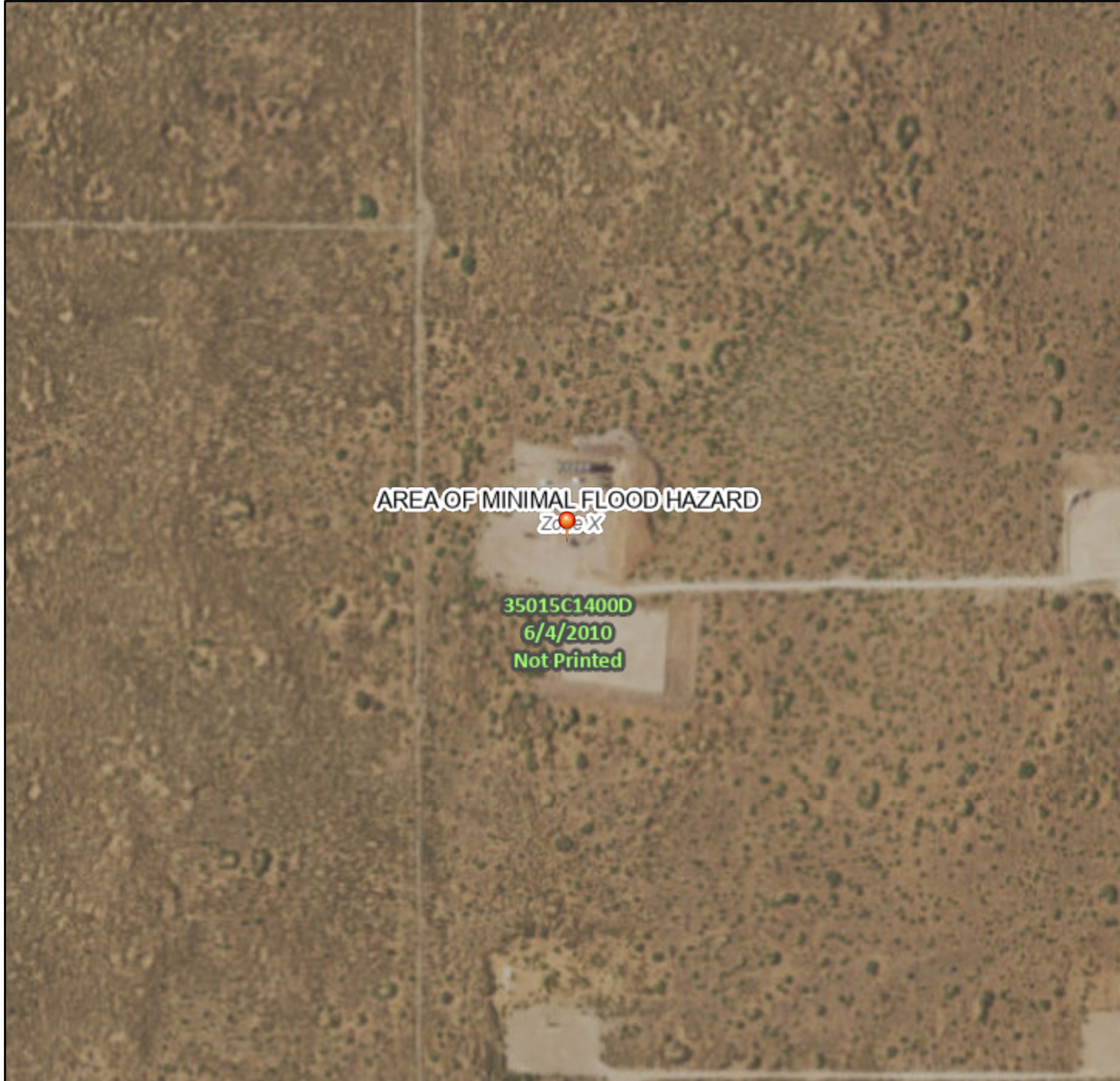


Esri, HERE, GeoTechnologies, Inc., Esri, HERE, Garmin, GeoTechnologies, Inc., U.S. Department of Energy Office of Legacy Management, Maxar

National Flood Hazard Layer FIRMMette



103°45'40"W 32°22'20"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000 103°45'3"W 32°21'50"N

Released to Imaging: 3/22/2022 3:17:01 PM

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

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		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 3/14/2022 at 4:47 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.



NAPP2133331019 | FEDERAL 23-11 BATT



March 14, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

Soil Map—Eddy Area, New Mexico
(NAPP2133331019 | FEDERAL 23-11 BATTERY)



Natural Resources
Conservation Service


Web Soil Survey
National Cooperative Soil Survey

3/14/2022
Page 1 of 3

Soil Map—Eddy Area, New Mexico
(NAPP213331019 | FEDERAL 23-11 BATTERY)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 17, Sep 12, 2021

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

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

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



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BB	Berino complex, 0 to 3 percent slopes, eroded	7.3	100.0%
Totals for Area of Interest		7.3	100.0%



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

December 03, 2021

JOHN FARRELL

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: OXY FEDERAL 23-11 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/01/21 15:50.

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

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
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/01/2021	Sampling Date:	11/29/2021
Reported:	12/03/2021	Sampling Type:	Soil
Project Name:	OXY FEDERAL 23-11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

Sample ID: SD - 1 VERTICAL @ 4' (H213440-01)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2021	ND	2.06	103	2.00	0.552	
Toluene*	<0.050	0.050	12/02/2021	ND	2.07	103	2.00	0.124	
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	2.02	101	2.00	0.338	
Total Xylenes*	<0.150	0.150	12/02/2021	ND	6.17	103	6.00	0.326	
Total BTEX	<0.300	0.300	12/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	12/02/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	211	105	200	18.0	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	198	99.2	200	16.8	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 78.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.1 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/01/2021	Sampling Date:	11/29/2021
Reported:	12/03/2021	Sampling Type:	Soil
Project Name:	OXY FEDERAL 23-11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

Sample ID: SD - 1 VERTICAL @ 5' (H213440-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2021	ND	1.99	99.4	2.00	2.74		
Toluene*	<0.050	0.050	12/02/2021	ND	2.03	102	2.00	0.378		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	2.00	100	2.00	1.00		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	6.11	102	6.00	1.19		
Total BTEx	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	211	105	200	18.0	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	198	99.2	200	16.8	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 76.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 70.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/01/2021	Sampling Date:	11/29/2021
Reported:	12/03/2021	Sampling Type:	Soil
Project Name:	OXY FEDERAL 23-11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

Sample ID: SD - 1 VERTICAL @ 6' (H213440-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2021	ND	1.99	99.4	2.00	2.74		
Toluene*	<0.050	0.050	12/02/2021	ND	2.03	102	2.00	0.378		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	2.00	100	2.00	1.00		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	6.11	102	6.00	1.19		
Total BTEx	<0.300	0.300	12/02/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	211	105	200	18.0	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	198	99.2	200	16.8	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 74.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 69.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/01/2021	Sampling Date:	11/29/2021
Reported:	12/03/2021	Sampling Type:	Soil
Project Name:	OXY FEDERAL 23-11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

Sample ID: SD - 2 VERTICAL @ 1' (H213440-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2021	ND	1.99	99.4	2.00	2.74		
Toluene*	<0.050	0.050	12/02/2021	ND	2.03	102	2.00	0.378		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	2.00	100	2.00	1.00		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	6.11	102	6.00	1.19		
Total BTEx	<0.300	0.300	12/02/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5360	16.0	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	227	114	200	11.1	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	229	115	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 82.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/01/2021	Sampling Date:	11/29/2021
Reported:	12/03/2021	Sampling Type:	Soil
Project Name:	OXY FEDERAL 23-11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

Sample ID: SD - 2 VERTICAL @ 2' (H213440-05)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2021	ND	1.99	99.4	2.00	2.74		
Toluene*	<0.050	0.050	12/02/2021	ND	2.03	102	2.00	0.378		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	2.00	100	2.00	1.00		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	6.11	102	6.00	1.19		
Total BTX	<0.300	0.300	12/02/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	227	114	200	11.1	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	229	115	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 117 % 44.3-133

Surrogate: 1-Chlorooctadecane 119 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/01/2021	Sampling Date:	11/29/2021
Reported:	12/03/2021	Sampling Type:	Soil
Project Name:	OXY FEDERAL 23-11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

Sample ID: SD - 2 VERTICAL @ 3' (H213440-06)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2021	ND	1.99	99.4	2.00	2.74		
Toluene*	<0.050	0.050	12/02/2021	ND	2.03	102	2.00	0.378		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	2.00	100	2.00	1.00		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	6.11	102	6.00	1.19		
Total BTX	<0.300	0.300	12/02/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	227	114	200	11.1	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	229	115	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 119 % 44.3-133

Surrogate: 1-Chlorooctadecane 120 % 38.9-142

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Analytical Results For:

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

Received:	12/01/2021	Sampling Date:	11/29/2021
Reported:	12/03/2021	Sampling Type:	Soil
Project Name:	OXY FEDERAL 23-11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

Sample ID: SD - 2 VERTICAL @ 4' (H213440-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2021	ND	1.99	99.4	2.00	2.74		
Toluene*	<0.050	0.050	12/02/2021	ND	2.03	102	2.00	0.378		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	2.00	100	2.00	1.00		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	6.11	102	6.00	1.19		
Total BTEx	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/02/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	227	114	200	11.1	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	229	115	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 92.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/01/2021	Sampling Date:	11/29/2021
Reported:	12/03/2021	Sampling Type:	Soil
Project Name:	OXY FEDERAL 23-11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

Sample ID: SD - 3 VERTICAL @ 1' (H213440-08)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2021	ND	1.99	99.4	2.00	2.74		
Toluene*	<0.050	0.050	12/02/2021	ND	2.03	102	2.00	0.378		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	2.00	100	2.00	1.00		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	6.11	102	6.00	1.19		
Total BTX	<0.300	0.300	12/02/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4200	16.0	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	227	114	200	11.1	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	229	115	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 96.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/01/2021	Sampling Date:	11/29/2021
Reported:	12/03/2021	Sampling Type:	Soil
Project Name:	OXY FEDERAL 23-11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

Sample ID: SD - 3 VERTICAL @ 2' (H213440-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2021	ND	1.99	99.4	2.00	2.74		
Toluene*	<0.050	0.050	12/02/2021	ND	2.03	102	2.00	0.378		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	2.00	100	2.00	1.00		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	6.11	102	6.00	1.19		
Total BTEx	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3560	16.0	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	227	114	200	11.1	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	229	115	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 94.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/01/2021	Sampling Date:	11/29/2021
Reported:	12/03/2021	Sampling Type:	Soil
Project Name:	OXY FEDERAL 23-11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

Sample ID: SD - 3 VERTICAL @ 3' (H213440-10)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2021	ND	1.99	99.4	2.00	2.74		
Toluene*	<0.050	0.050	12/02/2021	ND	2.03	102	2.00	0.378		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	2.00	100	2.00	1.00		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	6.11	102	6.00	1.19		
Total BTX	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1880	16.0	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	227	114	200	11.1	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	229	115	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 109 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/01/2021	Sampling Date:	11/29/2021
Reported:	12/03/2021	Sampling Type:	Soil
Project Name:	OXY FEDERAL 23-11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

Sample ID: SD - 3 VERTICAL @ 4' (H213440-11)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2021	ND	1.99	99.4	2.00	2.74	
Toluene*	<0.050	0.050	12/02/2021	ND	2.03	102	2.00	0.378	
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	2.00	100	2.00	1.00	
Total Xylenes*	<0.150	0.150	12/02/2021	ND	6.11	102	6.00	1.19	
Total BTEx	<0.300	0.300	12/02/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	12/02/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	227	114	200	11.1	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	229	115	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 90.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/01/2021	Sampling Date:	11/29/2021
Reported:	12/03/2021	Sampling Type:	Soil
Project Name:	OXY FEDERAL 23-11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

Sample ID: SD - 1 S @ 1' (H213440-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2021	ND	1.99	99.4	2.00	2.74		
Toluene*	<0.050	0.050	12/02/2021	ND	2.03	102	2.00	0.378		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	2.00	100	2.00	1.00		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	6.11	102	6.00	1.19		
Total BTEx	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/02/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	227	114	200	11.1	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	229	115	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 110 % 44.3-133

Surrogate: 1-Chlorooctadecane 112 % 38.9-142

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Analytical Results For:

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

Received:	12/01/2021	Sampling Date:	11/29/2021
Reported:	12/03/2021	Sampling Type:	Soil
Project Name:	OXY FEDERAL 23-11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

Sample ID: SD - 1 W @ 1' (H213440-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2021	ND	1.99	99.4	2.00	2.74		
Toluene*	<0.050	0.050	12/02/2021	ND	2.03	102	2.00	0.378		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	2.00	100	2.00	1.00		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	6.11	102	6.00	1.19		
Total BTEx	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/02/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	227	114	200	11.1	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	229	115	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 113 % 44.3-133

Surrogate: 1-Chlorooctadecane 115 % 38.9-142

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Analytical Results For:

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

Received:	12/01/2021	Sampling Date:	11/29/2021
Reported:	12/03/2021	Sampling Type:	Soil
Project Name:	OXY FEDERAL 23-11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

Sample ID: SD - 2 N @ 1' (H213440-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2021	ND	1.99	99.4	2.00	2.74		
Toluene*	<0.050	0.050	12/02/2021	ND	2.03	102	2.00	0.378		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	2.00	100	2.00	1.00		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	6.11	102	6.00	1.19		
Total BTEX	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	12/02/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	227	114	200	11.1	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	229	115	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 115 % 44.3-133

Surrogate: 1-Chlorooctadecane 116 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/01/2021	Sampling Date:	11/29/2021
Reported:	12/03/2021	Sampling Type:	Soil
Project Name:	OXY FEDERAL 23-11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

Sample ID: SD - 2 W @ 1' (H213440-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2021	ND	1.99	99.4	2.00	2.74		
Toluene*	<0.050	0.050	12/02/2021	ND	2.03	102	2.00	0.378		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	2.00	100	2.00	1.00		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	6.11	102	6.00	1.19		
Total BTEX	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	12/02/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	227	114	200	11.1	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	229	115	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 114 % 44.3-133

Surrogate: 1-Chlorooctadecane 119 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/01/2021	Sampling Date:	11/29/2021
Reported:	12/03/2021	Sampling Type:	Soil
Project Name:	OXY FEDERAL 23-11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

Sample ID: SD - 3 N @ 1' (H213440-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2021	ND	1.99	99.4	2.00	2.74		
Toluene*	<0.050	0.050	12/02/2021	ND	2.03	102	2.00	0.378		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	2.00	100	2.00	1.00		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	6.11	102	6.00	1.19		
Total BTEX	<0.300	0.300	12/02/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1140	16.0	12/02/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	227	114	200	11.1	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	229	115	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 117 % 44.3-133

Surrogate: 1-Chlorooctadecane 122 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/01/2021	Sampling Date:	11/29/2021
Reported:	12/03/2021	Sampling Type:	Soil
Project Name:	OXY FEDERAL 23-11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

Sample ID: SD - 3 E @ 1' (H213440-17)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2021	ND	1.99	99.4	2.00	2.74	
Toluene*	<0.050	0.050	12/02/2021	ND	2.03	102	2.00	0.378	
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	2.00	100	2.00	1.00	
Total Xylenes*	<0.150	0.150	12/02/2021	ND	6.11	102	6.00	1.19	
Total BTEX	<0.300	0.300	12/02/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	928	16.0	12/02/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	227	114	200	11.1	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	229	115	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 117 % 44.3-133

Surrogate: 1-Chlorooctadecane 121 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/01/2021	Sampling Date:	11/29/2021
Reported:	12/03/2021	Sampling Type:	Soil
Project Name:	OXY FEDERAL 23-11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

Sample ID: SD - 3 S @ 1' (H213440-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2021	ND	1.99	99.4	2.00	2.74		
Toluene*	<0.050	0.050	12/02/2021	ND	2.03	102	2.00	0.378		
Ethylbenzene*	<0.050	0.050	12/02/2021	ND	2.00	100	2.00	1.00		
Total Xylenes*	<0.150	0.150	12/02/2021	ND	6.11	102	6.00	1.19		
Total BTEX	<0.300	0.300	12/02/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	12/02/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/02/2021	ND	227	114	200	11.1	
DRO >C10-C28*	<10.0	10.0	12/02/2021	ND	229	115	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	12/02/2021	ND					

Surrogate: 1-Chlorooctane 127 % 44.3-133

Surrogate: 1-Chlorooctadecane 131 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report


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

Celey D. Keene, Lab Director/Quality Manager

		101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	
Company Name: Trinity Oilfield Services				BILL TO	
Project Manager: John Farrell				P.O. #:	
Address: 8426 N Dal Paso				Company: OXY USA Inc.	
City: Hobbs				Attn: Waste Ditch	
Phone #: 575 390 7560				Address:	
Fax #:				City:	
Project #: Federal 23-11 Battery				State:	
Project Name: Eddy Co., NM				Zip:	
Project Location: GR				Phone #:	
Sample Name: GR				Fax #:	
FOR LAB USE ONLY				MATRIX	
Lab I.D. H213440				PRESERV.	
Sample I.D.				SAMPLING	
1 SD-1 Vertical @ 4'				Chloride	
2 SD-1 Vertical @ 5'				TPH	
3 SD-1 Vertical @ 6'				BTEX	
4 SD-2 Vertical @ 1'					
5 SD-2 Vertical @ 2'					
6 SD-2 Vertical @ 3'					
7 SD-2 Vertical @ 4'					
8 SD-3 Vertical @ 1'					
9 SD-3 Vertical @ 2'					
10 SD-3 Vertical @ 3'					
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Relinquished By: [Signature]				Verbal Result: Yes No Add'l Phone #:	
Time: 5:50				All Results are emailed. Please provide Email address:	
Date: 11/29/21				REMARKS:	
Received By: [Signature]					
Time:					
Date:					
Received By:					
Time:					
Delivered By: (Circle One)				Standard X	
Observed Temp. °C 55				Bacteria (only) Sample Condition	
Corrected Temp. °C 5.0				Cool Intact	
Cool Yes				Observed Temp. °C	
No				Corrected Temp. °C	
No					
Thermometer ID #113					
Correction Factor -0.5 °C					

[illegible]



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

December 15, 2021

JOHN FARRELL

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: OXY FEDERAL 23-11 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/10/21 14:40.

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

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
 JOHN FARRELL
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/10/2021	Sampling Date:	12/06/2021
Reported:	12/15/2021	Sampling Type:	Soil
Project Name:	OXY FEDERAL 23-11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SD - 3 N @ 1' (H213572-01)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2021	ND	2.04	102	2.00	2.19	
Toluene*	<0.050	0.050	12/13/2021	ND	1.98	99.2	2.00	1.87	
Ethylbenzene*	<0.050	0.050	12/13/2021	ND	1.93	96.5	2.00	2.03	
Total Xylenes*	<0.150	0.150	12/13/2021	ND	5.88	98.0	6.00	1.94	
Total BTX	<0.300	0.300	12/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	12/13/2021	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	12/13/2021	ND	211	105	200	1.94	
DRO >C10-C28*	<10.0	10.0	12/13/2021	ND	210	105	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	12/13/2021	ND					

Surrogate: 1-Chlorooctane 92.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/10/2021	Sampling Date:	12/06/2021
Reported:	12/15/2021	Sampling Type:	Soil
Project Name:	OXY FEDERAL 23-11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SD - 3 E @ 1' (H213572-02)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2021	ND	2.04	102	2.00	2.19		
Toluene*	<0.050	0.050	12/13/2021	ND	1.98	99.2	2.00	1.87		
Ethylbenzene*	<0.050	0.050	12/13/2021	ND	1.93	96.5	2.00	2.03		
Total Xylenes*	<0.150	0.150	12/13/2021	ND	5.88	98.0	6.00	1.94		
Total BTEx	<0.300	0.300	12/13/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	12/13/2021	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	12/13/2021	ND	211	105	200	1.94	
DRO >C10-C28*	<10.0	10.0	12/13/2021	ND	210	105	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	12/13/2021	ND					

Surrogate: 1-Chlorooctane 92.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/10/2021	Sampling Date:	12/06/2021
Reported:	12/15/2021	Sampling Type:	Soil
Project Name:	OXY FEDERAL 23-11 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SD - 3 S @ 1' (H213572-03)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/13/2021	ND	2.04	102	2.00	2.19		
Toluene*	<0.050	0.050	12/13/2021	ND	1.98	99.2	2.00	1.87		
Ethylbenzene*	<0.050	0.050	12/13/2021	ND	1.93	96.5	2.00	2.03		
Total Xylenes*	<0.150	0.150	12/13/2021	ND	5.88	98.0	6.00	1.94		
Total BTEx	<0.300	0.300	12/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	12/13/2021	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	12/13/2021	ND	211	105	200	1.94	
DRO >C10-C28*	<10.0	10.0	12/13/2021	ND	210	105	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	12/13/2021	ND					

Surrogate: 1-Chlorooctane 98.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 106 % 38.9-142

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

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

Celey D. Keene, Lab Director/Quality Manager

Page 6 of 6



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

February 11, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: FEDERAL 23-11

Enclosed are the results of analyses for samples received by the laboratory on 02/08/22 14:15.

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

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: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/03/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 1 @ 8' (H220485-01)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2022	ND	1.95	97.5	2.00	5.81	
Toluene*	<0.050	0.050	02/10/2022	ND	1.94	96.9	2.00	5.80	
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.86	92.9	2.00	6.86	
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.78	96.3	6.00	6.50	
Total BTX	<0.300	0.300	02/10/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/09/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2022	ND	188	94.2	200	23.3	
DRO >C10-C28*	<10.0	10.0	02/09/2022	ND	189	94.4	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	02/09/2022	ND					

Surrogate: 1-Chlorooctane 82.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/03/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 2 @ 8' (H220485-02)

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	02/10/2022	ND	1.95	97.5	2.00	5.81		
Toluene*	<0.050	0.050	02/10/2022	ND	1.94	96.9	2.00	5.80		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.86	92.9	2.00	6.86		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.78	96.3	6.00	6.50		
Total BTEX	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/09/2022	ND	416	104	400	3.77		

TPH 8015M			mg/kg							
			Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	224	112	200	0.735		
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	237	119	200	2.21		
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND						

Surrogate: 1-Chlorooctane 89.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/03/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 3 @ 4' (H220485-03)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	1.95	97.5	2.00	5.81		
Toluene*	<0.050	0.050	02/10/2022	ND	1.94	96.9	2.00	5.80		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.86	92.9	2.00	6.86		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.78	96.3	6.00	6.50		
Total BTX	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/09/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	224	112	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	237	119	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 86.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/03/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 4 @ 3" (H220485-04)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	1.95	97.5	2.00	5.81		
Toluene*	<0.050	0.050	02/10/2022	ND	1.94	96.9	2.00	5.80		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.86	92.9	2.00	6.86		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.78	96.3	6.00	6.50		
Total BTX	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	224	112	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	237	119	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 87.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/03/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 5 @ 3" (H220485-05)

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	02/10/2022	ND	1.95	97.5	2.00	5.81	
Toluene*	<0.050	0.050	02/10/2022	ND	1.94	96.9	2.00	5.80	
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.86	92.9	2.00	6.86	
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.78	96.3	6.00	6.50	
Total BTEx	<0.300	0.300	02/10/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/09/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	224	112	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	237	119	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 93.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/03/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 6 @ 4' (H220485-06)

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	02/10/2022	ND	1.95	97.5	2.00	5.81	
Toluene*	<0.050	0.050	02/10/2022	ND	1.94	96.9	2.00	5.80	
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.86	92.9	2.00	6.86	
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.78	96.3	6.00	6.50	
Total BTEX	<0.300	0.300	02/10/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	224	112	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	237	119	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 92.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/03/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 7 @ 4' (H220485-07)

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	02/10/2022	ND	1.95	97.5	2.00	5.81		
Toluene*	<0.050	0.050	02/10/2022	ND	1.94	96.9	2.00	5.80		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.86	92.9	2.00	6.86		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.78	96.3	6.00	6.50		
Total BTEx	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/09/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	224	112	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	237	119	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 88.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/03/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 8 @ 8' (H220485-08)

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	02/10/2022	ND	1.95	97.5	2.00	5.81		
Toluene*	<0.050	0.050	02/10/2022	ND	1.94	96.9	2.00	5.80		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.86	92.9	2.00	6.86		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.78	96.3	6.00	6.50		
Total BTEX	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/09/2022	ND	416	104	400	3.77		

TPH 8015M			mg/kg							
			Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	224	112	200	0.735		
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	237	119	200	2.21		
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND						

Surrogate: 1-Chlorooctane 92.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/03/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 9 @ 3' (H220485-09)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	1.95	97.5	2.00	5.81		
Toluene*	<0.050	0.050	02/10/2022	ND	1.94	96.9	2.00	5.80		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.86	92.9	2.00	6.86		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.78	96.3	6.00	6.50		
Total BTX	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	224	112	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	237	119	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 90.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/03/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 10 @ 3' (H220485-10)

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	02/10/2022	ND	1.95	97.5	2.00	5.81		
Toluene*	<0.050	0.050	02/10/2022	ND	1.94	96.9	2.00	5.80		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.86	92.9	2.00	6.86		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.78	96.3	6.00	6.50		
Total BTX	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	224	112	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	237	119	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 85.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.7 % 59.5-142

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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/04/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 11 @ 8' (H220485-11)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	1.95	97.5	2.00	5.81		
Toluene*	<0.050	0.050	02/10/2022	ND	1.94	96.9	2.00	5.80		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.86	92.9	2.00	6.86		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.78	96.3	6.00	6.50		
Total BTEx	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/09/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	224	112	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	237	119	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 86.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.5 % 59.5-142

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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/04/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 12 @ 4' (H220485-12)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	4.02		
Toluene*	<0.050	0.050	02/10/2022	ND	1.97	98.6	2.00	4.17		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.99	99.4	2.00	4.16		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.12	102	6.00	4.42		
Total BTX	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/09/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	224	112	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	237	119	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 85.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.1 % 59.5-142

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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/04/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 13 @ 4' (H220485-13)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	4.02		
Toluene*	<0.050	0.050	02/10/2022	ND	1.97	98.6	2.00	4.17		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.99	99.4	2.00	4.16		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.12	102	6.00	4.42		
Total BTX	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	224	112	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	237	119	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 72.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.0 % 59.5-142

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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/04/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 14 @ 4' (H220485-14)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	4.02		
Toluene*	<0.050	0.050	02/10/2022	ND	1.97	98.6	2.00	4.17		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.99	99.4	2.00	4.16		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.12	102	6.00	4.42		
Total BTEX	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/09/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	224	112	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	237	119	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 129 % 59.5-142

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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/04/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 15 @ 4' (H220485-15)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	4.02		
Toluene*	<0.050	0.050	02/10/2022	ND	1.97	98.6	2.00	4.17		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.99	99.4	2.00	4.16		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.12	102	6.00	4.42		
Total BTEX	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	224	112	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	237	119	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/04/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 16 @ 4' (H220485-16)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	4.02		
Toluene*	<0.050	0.050	02/10/2022	ND	1.97	98.6	2.00	4.17		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.99	99.4	2.00	4.16		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.12	102	6.00	4.42		
Total BTX	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	224	112	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	237	119	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 81.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.9 % 59.5-142

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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/04/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 17 @ 8' (H220485-17)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	4.02		
Toluene*	<0.050	0.050	02/10/2022	ND	1.97	98.6	2.00	4.17		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.99	99.4	2.00	4.16		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.12	102	6.00	4.42		
Total BTEx	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	224	112	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	237	119	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 88.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/04/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 18 @ 8' (H220485-18)

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	02/10/2022	ND	2.00	100	2.00	4.02		
Toluene*	<0.050	0.050	02/10/2022	ND	1.97	98.6	2.00	4.17		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.99	99.4	2.00	4.16		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.12	102	6.00	4.42		
Total BTEX	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	224	112	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	237	119	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 92.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/04/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 19 @ 8' (H220485-19)

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	02/10/2022	ND	2.00	100	2.00	4.02		
Toluene*	<0.050	0.050	02/10/2022	ND	1.97	98.6	2.00	4.17		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.99	99.4	2.00	4.16		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.12	102	6.00	4.42		
Total BTX	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	224	112	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	237	119	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 82.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.0 % 59.5-142

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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/04/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 20 @ 8' (H220485-20)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	4.02		
Toluene*	<0.050	0.050	02/10/2022	ND	1.97	98.6	2.00	4.17		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.99	99.4	2.00	4.16		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.12	102	6.00	4.42		
Total BTEX	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	224	112	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	237	119	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 79.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.0 % 59.5-142

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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/04/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 21 @ 8' (H220485-21)

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	02/10/2022	ND	2.00	100	2.00	4.02	
Toluene*	<0.050	0.050	02/10/2022	ND	1.97	98.6	2.00	4.17	
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.99	99.4	2.00	4.16	
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.12	102	6.00	4.42	
Total BTX	<0.300	0.300	02/10/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/10/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	224	112	200	0.735	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	237	119	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 87.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.3 % 59.5-142

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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 1 N @ 2' (H220485-22)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	4.02		
Toluene*	<0.050	0.050	02/10/2022	ND	1.97	98.6	2.00	4.17		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.99	99.4	2.00	4.16		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.12	102	6.00	4.42		
Total BTX	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2022	ND	193	96.3	200	0.169	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	192	96.1	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 85.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.4 % 59.5-142

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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 2 W @ 2' (H220485-23)

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	02/10/2022	ND	2.00	100	2.00	4.02		
Toluene*	<0.050	0.050	02/10/2022	ND	1.97	98.6	2.00	4.17		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.99	99.4	2.00	4.16		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.12	102	6.00	4.42		
Total BTEX	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2022	ND	193	96.3	200	0.169	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	192	96.1	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 86.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.5 % 59.5-142

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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 3 W @ 2' (H220485-24)

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	02/10/2022	ND	2.00	100	2.00	4.02		
Toluene*	<0.050	0.050	02/10/2022	ND	1.97	98.6	2.00	4.17		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.99	99.4	2.00	4.16		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.12	102	6.00	4.42		
Total BTEx	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2022	ND	193	96.3	200	0.169	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	192	96.1	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 88.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 4 S @ 2' (H220485-25)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	4.02	
Toluene*	<0.050	0.050	02/10/2022	ND	1.97	98.6	2.00	4.17	
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.99	99.4	2.00	4.16	
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.12	102	6.00	4.42	
Total BTX	<0.300	0.300	02/10/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2022	ND	193	96.3	200	0.169	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	192	96.1	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 91.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.2 % 59.5-142

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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 5 E @ 4' (H220485-26)

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	02/10/2022	ND	2.00	100	2.00	4.02		
Toluene*	<0.050	0.050	02/10/2022	ND	1.97	98.6	2.00	4.17		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.99	99.4	2.00	4.16		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.12	102	6.00	4.42		
Total BTEX	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2022	ND	193	96.3	200	0.169	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	192	96.1	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 77.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.9 % 59.5-142

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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 6 S @ 4' (H220485-27)

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	02/10/2022	ND	2.00	100	2.00	4.02		
Toluene*	<0.050	0.050	02/10/2022	ND	1.97	98.6	2.00	4.17		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.99	99.4	2.00	4.16		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.12	102	6.00	4.42		
Total BTEX	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2022	ND	193	96.3	200	0.169	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	192	96.1	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 86.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 7 S @ 4' (H220485-28)

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	02/10/2022	ND	2.00	100	2.00	4.02		
Toluene*	<0.050	0.050	02/10/2022	ND	1.97	98.6	2.00	4.17		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.99	99.4	2.00	4.16		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.12	102	6.00	4.42		
Total BTEx	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2022	ND	193	96.3	200	0.169	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	192	96.1	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 87.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.2 % 59.5-142

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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 8 E @ 4' (H220485-29)

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	02/10/2022	ND	2.00	100	2.00	4.02		
Toluene*	<0.050	0.050	02/10/2022	ND	1.97	98.6	2.00	4.17		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.99	99.4	2.00	4.16		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.12	102	6.00	4.42		
Total BTEX	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2022	ND	193	96.3	200	0.169	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	192	96.1	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.1 % 59.5-142

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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 9 E @ 4' (H220485-30)

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	02/10/2022	ND	2.00	100	2.00	4.02		
Toluene*	<0.050	0.050	02/10/2022	ND	1.97	98.6	2.00	4.17		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.99	99.4	2.00	4.16		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.12	102	6.00	4.42		
Total BTEX	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2022	ND	193	96.3	200	0.169	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	192	96.1	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 84.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.9 % 59.5-142

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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 10 N @ 4' (H220485-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	2.02	101	2.00	6.13		
Toluene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	6.70		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.98	99.2	2.00	6.53		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.19	103	6.00	6.91		
Total BTEx	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2022	ND	193	96.3	200	0.169	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	192	96.1	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 82.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 11 E @ 4' (H220485-32)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2022	ND	2.02	101	2.00	6.13	
Toluene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	6.70	
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.98	99.2	2.00	6.53	
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.19	103	6.00	6.91	
Total BTEx	<0.300	0.300	02/10/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2022	ND	193	96.3	200	0.169	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	192	96.1	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 86.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 12 E @ 4' (H220485-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	2.02	101	2.00	6.13		
Toluene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	6.70		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.98	99.2	2.00	6.53		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.19	103	6.00	6.91		
Total BTEx	<0.300	0.300	02/10/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2022	ND	193	96.3	200	0.169	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	192	96.1	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 82.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 13 N @ 4' (H220485-34)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2022	ND	2.02	101	2.00	6.13	
Toluene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	6.70	
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.98	99.2	2.00	6.53	
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.19	103	6.00	6.91	
Total BTEX	<0.300	0.300	02/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2022	ND	193	96.3	200	0.169	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	192	96.1	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 86.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 14 E @ 4' (H220485-35)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2022	ND	2.02	101	2.00	6.13	
Toluene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	6.70	
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.98	99.2	2.00	6.53	
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.19	103	6.00	6.91	
Total BTEx	<0.300	0.300	02/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/10/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2022	ND	193	96.3	200	0.169	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	192	96.1	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 82.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 15 E @ 4' (H220485-36)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2022	ND	2.02	101	2.00	6.13	
Toluene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	6.70	
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.98	99.2	2.00	6.53	
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.19	103	6.00	6.91	
Total BTEx	<0.300	0.300	02/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/10/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2022	ND	193	96.3	200	0.169	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	192	96.1	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 85.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/08/2022
 Reported: 02/11/2022
 Project Name: FEDERAL 23-11
 Project Number: NONE GIVEN
 Project Location: OXY- EDDY CO., NM

Sampling Date: 02/07/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SR - 16 N @ 4' (H220485-37)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2022	ND	2.02	101	2.00	6.13	
Toluene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	6.70	
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.98	99.2	2.00	6.53	
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.19	103	6.00	6.91	
Total BTEx	<0.300	0.300	02/10/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/10/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2022	ND	193	96.3	200	0.169	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	192	96.1	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 84.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.4 % 59.5-142

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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager

Page 40 of 43

Page 41 of 43



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		State: NM Zip: 88241		Address:							
Phone #:		Fax #:		City:							
Project #:		Project Owner: (see below)		State:		Zip:					
Project Name: Federal 23-11		dan@trinityoilfieldservices.com		Phone #:							
Project Location: Eddy Co., NM		Fax #:									
Sampler Name: KA		MATRIX		PRESERV.		SAMPLING					
FOR LAB USE ONLY											
H220485											
Lab I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		DATE		TIME			
SR-21 @ 8'		C 1		X		2/4/2022		900		Chloride	
SR-1 N @ 2'		C 1		X		2/7/2022		800		TPH	
SR-2 W @ 2'		C 1		X		2/7/2022		805		BTEX	
SR-3 W @ 2'		C 1		X		2/7/2022		810			
SR-4 S @ 2'		C 1		X		2/7/2022		815			
SR-5 E @ 4'		C 1		X		2/7/2022		820			
SR-6 S @ 4'		C 1		X		2/7/2022		825			
SR-7 S @ 4'		C 1		X		2/7/2022		830			
SR-8 E @ 4'		C 1		X		2/7/2022		835			
SR-9 E @ 4'		C 1		X		2/7/2022		840			
Relinquished By: [Signature]		Date: 2-8-22		Received By: [Signature]		Time: 1415					
Relinquished By: [Signature]		Date:		Received By:							
Time:											
Delivered By: (Circle One)		Observed Temp. °C 4.8		Sample Condition		CHECKED BY: (Initials)		Turnaround Time:		Standard	
Sampler - UPS - Bus - Other:		Corrected Temp. °C 4.3		Cool Intact Yes No		A.E.		Thermometer ID #113		Rush	
				Yes No				Correction Factor 4.5 °C		Bacteria (only) Sample Condition	
										Cool Intact Yes No	
										Observed Temp. °C	
										Corrected Temp. °C	

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services		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 Location: Federal 23-11		Zip:			
Project Name: Eddy Co., NM		Phone #:			
Sample Name: KA		Fax #:			
FOR LAB USE ONLY		MATRIX		PRESERV.	
Lab I.D. H220485		SAMPLE		SAMPLING	
Sample I.D.		(G)RAB OR (C)OMP.			
31 SR-10 N @ 4'		C 1		27/2022 845	
32 SR-11 E @ 4'		C 1		27/2022 850	
33 SR-12 E @ 4'		C 1		27/2022 855	
34 SR-13 N @ 4'		C 1		27/2022 900	
35 SR-14 E @ 4'		C 1		27/2022 905	
36 SR-15 E @ 4'		C 1		27/2022 910	
37 SR-16 N @ 4'		C 1		27/2022 915	
Relinquished By: [Signature]		Date: 2-8-22		Time: 1415	
Received By: [Signature]		Date: 2-8-22		Time: 1415	
Relinquished By: [Signature]		Date: 2-8-22		Time: 1415	
Received By: [Signature]		Date: 2-8-22		Time: 1415	
Delivered By: (Circle One)		Observed Temp. °C 48		Corrected Temp. °C 43	
Sampler - UPS - Bus - Other:		Sample Condition		CHECKED BY: (Initials)	
		Cool Intact		Yes [X] No []	
		Cool Intact		Yes [X] No []	
		Turnaround Time:		Thermometer ID #113	
		Standard		Correction Factor -0.5 °C	
		Bacteria (only) Sample Condition		Cool Intact	
		Cool Intact		Yes [X] No []	
		Cool Intact		Yes [X] No []	
		Observed Temp. °C		Corrected Temp. °C	

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

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

CONDITIONS

Action 90532

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 90532
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	None	3/22/2022