

******* LIQUID SPILLS - VOLUME CALCULATIONS *******

Location of spill: FNR 26 FEDERAL #001 (32.2704697, -103.8581543) Date of Spill: 1/8/2018
 Site Soil Type: KM —Kermit-Berino fine sands

Estimated Daily Production Loss: 4 BBL Oil 10 BBL Water

Total Area Calculations

Total Surface Area	width		length		wet soil depth	oil (%)
Rectangle Area #1	63.0 ft	X	90.0 ft	X	1.1 in	29%
Rectangle Area #2	ft	X	ft	X	in	0%
Rectangle Area #3	ft	X	ft	X	in	0%
Rectangle Area #4	ft	X	ft	X	in	0%
Rectangle Area #5	ft	X	ft	X	in	0%
Rectangle Area #6	ft	X	ft	X	in	0%
Rectangle Area #7	ft	X	ft	X	in	0%
Rectangle Area #8	ft	X	ft	X	in	0%

Porosity 0.160 gal per gal

Saturated Soil Volume Calculations:

		<u>H2O</u>	<u>OIL</u>
Area #1	5,670 sq. ft.	352 cu. ft.	144 cu. ft.
Area #2	0 sq. ft.	cu. ft.	cu. ft.
Area #3	0 sq. ft.	cu. ft.	cu. ft.
Area #4	0 sq. ft.	cu. ft.	cu. ft.
Area #5	0 sq. ft.	cu. ft.	cu. ft.
Area #6	0 sq. ft.	cu. ft.	cu. ft.
Area #7	0 sq. ft.	cu. ft.	cu. ft.
Area #8	0 sq. ft.	cu. ft.	cu. ft.
Total Solid/Liquid Volume:	5,670 sq. ft.	352 cu. ft.	144 cu. ft.

Soil Type	Porosity
Clay	0.15
Peat	0.40
Glacial Sediments	0.13
Sandy Clay	0.12
Silt	0.16
Loess	0.25
Fine Sand	0.16
Medium Sand	0.25
Coarse Sand	0.26
Gravelly Sand	0.26
Fine Gravel	0.26
Medium Gravel	0.25
Coarse Gravel	0.18
Sandstone	0.25
Siltstone	0.18
Shale	0.05
Limestone	0.13
Basalt	0.19
Volcanic Tuff	0.20
Standing Liquids	

Estimated Volumes Spilled

	<u>H2O</u>	<u>OIL</u>
Liquid in Soil:	10.0 BBL	4.1 BBL
Liquid Recovered :	0.0 BBL	0.0 BBL
Spill Liquid	10.0 BBL	4.1 BBL
Total Spill Liquid:	<u>14.1</u>	

Recovered Volumes

Estimated oil recovered: **0.0 BBL**
 Estimated water recovered: **0.0 BBL**

NM OIL CONSERVATION
ARTESIA DISTRICT

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

JAN 31 2018

Form C-141
Revised April 3, 2017

Submit Copy to appropriate District Office in accordance with 19.15.29 NMAC.
RECEIVED

Release Notification and Corrective Action

NAB1803253192

OPERATOR

Initial Report Final Report

Name of Company	OXY USA INC <i>110109LD</i>	Contact	WADE DITTRICH
Address	PO BOX 4294; HOUSTON, TX 77210	Telephone No.	575-390-2828
Facility Name	FNR 26 FEDERAL #1 CTB	Facility Type	BATTERY

Surface Owner	BLM	Mineral Owner	BLM	API No.	30-015-30412
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	26	23S	30E	660	SOUTH	660	WEST	EDDY

Latitude 32.2704697° Longitude -103.8581543° NAD83

NATURE OF RELEASE

Type of Release	OIL & PRODUCE WATER	Volume of Release	4 bbls OIL & 10 bbls PRODUCED WATER	Volume Recovered	0 bbls
Source of Release	2 inch steel Victaulic clamp on the gas sales line failure	Date and Hour of Occurrence	1/8/2018	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? MIKE BRATCHER-NMOCD; CRYSTAL WEAVER-NMOCD; SHELLY TUCKER-BLM			
By Whom?	WADE DITTRICH	Date and Hour	01/25/2018 @ 4:43 PM	<i>3:43pm * email</i>	
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

A 2 inch steel Victaulic clamp on the gas sales line failed causing 4 bbls of oil and 10 bbls of produced water. No fluids have been recovered at this time. The clamp has been repaired and returned to service.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 10x20ft (measurements are subject to change with GPS tracking). Remediation will be completed by an approved plan from NMOCD & BLM.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature:	<i>WaDe DITTRICH</i>	OIL CONSERVATION DIVISION	
Printed Name:	WADE DITTRICH	Approved by Environmental Specialist:	<i>WaDe DITTRICH</i>
Title:	ENVIRONMENTAL SPECIALIST	Approval Date:	<i>2/1/18</i>
E-mail Address:	wa-de.dittrich@oxy.com	Expiration Date:	<i>NIA</i>
Date:	<i>1-31-18</i>	Phone:	575-390-2828
		Conditions of Approval:	<i>See attached</i>
		Attached:	<i>DRP-4595</i>

* Attach Additional Sheets If Necessary

State of New Mexico
Oil Conservation Division

Incident ID	NAB1803253192
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 Dittrich Title: Environmental Coordinator
 Signature:  Date: 04/01/2024
 email: Wade_Dittrich@oxy.com Telephone: 575-390-2828

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Incident ID	NAB1803253192
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	>105' (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

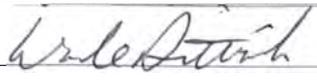
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

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Incident ID	NAB1803253192
District RP	
Facility ID	
Application ID	

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
 Signature:  Date: 04/01/2024
 email: Wade_Dittrich@oxy.com Telephone: 575-390-2828

OCD Only

Received by: _____ Date: _____

Trinity Oilfield Services & Rentals, LLC



April 1st, 2024

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

Re: **Remediation Closure Request**
FNR 26 Federal #001
Tracking #: NAB1803253192

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

Site Information	
Incident ID	NAB1803253192
Site Name	FNR 26 Federal #001
Company	OXY USA, Inc.
County	Eddy
ULSTR	M-26-23S-30E
GPS Coordinates (NAD 83)	32.2704697, -103.8581543
Landowner	Federal

HISTORICAL RELEASE BACKGROUND

This site had previously been remediated but no paperwork existed for verification, therefore, OXY performed confirmation sampling to verify remediation limits had been met.

On 1/8/2018, OXY USA, Inc. reported a release at the FNR 26 Federal #001. The release was caused when a 2 inch steel victaulic clamp on gas sales line failed. Approximately 5,580 sqft. of the Pad was found to be damp upon initial inspection.

Release Information	
Date of Release	1/8/2018
Type of Release	Crude Oil and Produced Water
Source of Release	Equipment Failure
Volume Released – Produced Water	10 bbls
Volume Recovered – Produced Water	0 bbls
Volume Released – Crude Oil	4 bbls
Volume Recovered – Crude Oil	0 bbls
Affected Area – Damp Soil	Pad - Approximately 5,580 sqft.
Site Location Map	Attached

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

Data Source	Well Number	Data Date	Depth (ft.)
NM OSE	C-04569-POD1	08/27/2021	105'
USGS	NA	NA	NA
Soil Bore	NA	NA	NA

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

General Site Characterization:

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

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

Closure Criteria:

On-Site & Off-Site 4ft bgs	Recommended Remedial Action Levels (RRALs)
Chlorides	20,000 mg/kg
TPH (GRO and DRO and MRO)	2,500 mg/kg
TPH (GRO and DRO)	1,000 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

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

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

Delineation Summary	
Delineation Dates	01/25/2018, 03/05/2018, & 03/21/2024
Depths Sampled	0.5' - 4'
Delineation Map	Attached
Laboratory Results	Table 1

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

Confirmation Activities:

Remediation Summary	
Remediation Dates	03/21/2024 & 03/27/2024
Workplan Approval	06/07/2018
Liner Variance Request	None
Deferral Request	None
Depths Excavated	0' - 2'
Area Represented by the required 5-point Confirmation Samples – Floors and Walls	200 sqft.
Total Volume of Excavated Soil	15 yards
Remediation Map	Attached
Laboratory Results	Table 2

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

Upon receiving laboratory analytical data showing that confirmation soil samples from the excavated areas yield results below the selected NMOCD Table 1 Closure Criteria; the impacted soil was transported under manifest to an NMOCD-approved disposal facility. Upon remediation closure approval, the excavated area will be backfilled with clean, like material.

SITE RECLAMATION AND RESTORATION

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

REQUEST FOR REMEDIATION CLOSURE

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

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

Sincerely,

Dan Dunkelberg

Dan Dunkelberg
Project Manager

Cynthia Jordan

Cynthia Jordan
Project Scientist

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

**OXY USA, INC.
FNR 26 FEDERAL #001
COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAB1803253192**



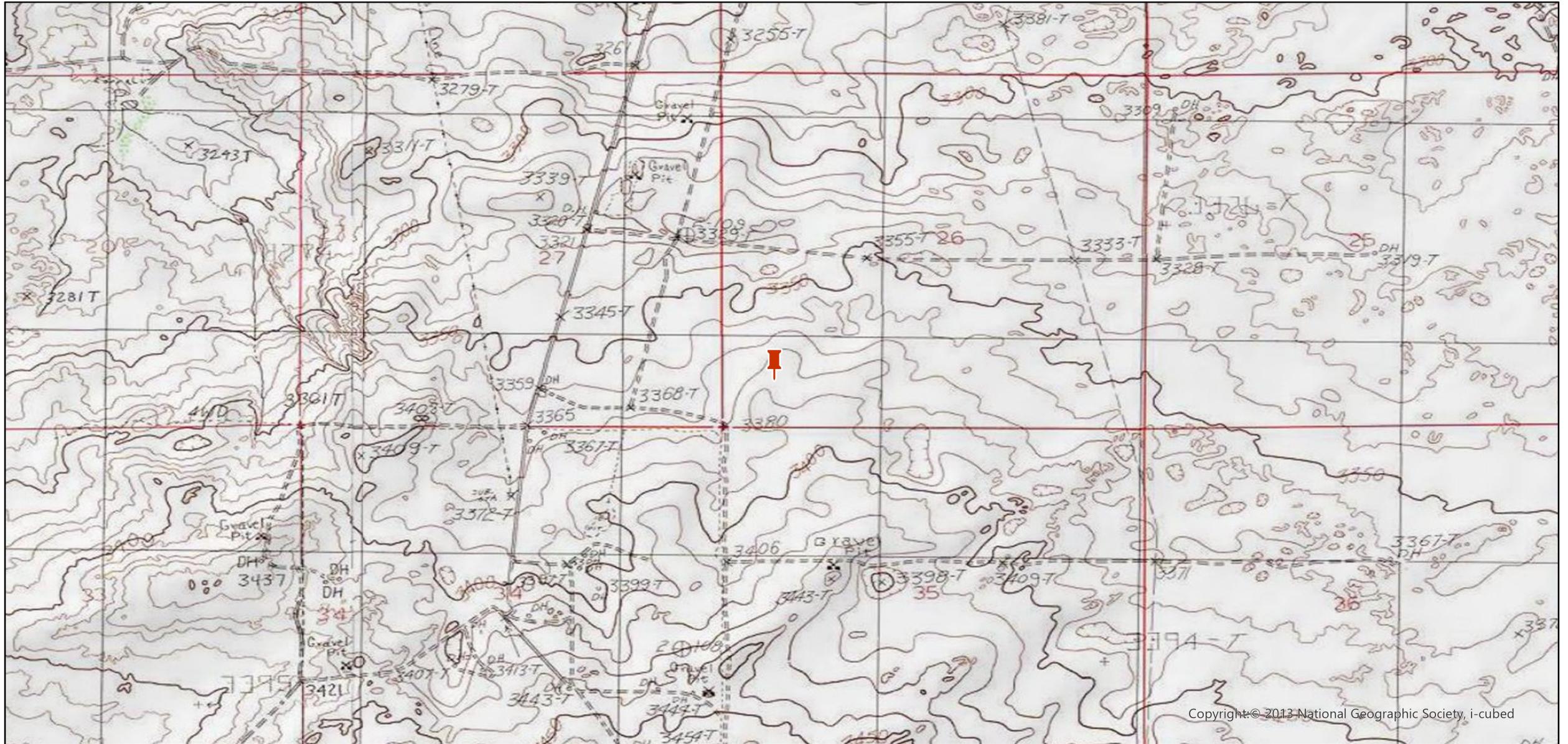
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	VERTICAL/HORIZONTAL	OFF-SITE/ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
On-Site, & Deeper than 4' Pasture							20000	2500	1000	NE	NE	NE	50	10
Delineation Special Circumstance, NMOCD Delineation Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
Vertical Delineation														
SP-1 @ 6"	0.5	1/25/2018	Vertical	On-Site	Grab	In-Situ	548.0	4,210.0	3,740.0	900.0	2,840.0	470.0	17.0	<0.0199
SP-2 @ 6"	0.5	1/25/2018	Vertical	On-Site	Grab	In-Situ	916.0	38.8	38.8	<14.9	38.8	<14.9	<0.0020	<0.0020
SP-2 @ 1'	1	1/25/2018	Vertical	On-Site	Grab	In-Situ	170.0	69.5	69.5	<15.0	69.5	<15.0	<0.0020	<0.0020
SP-3 @ 6"	0.5	1/25/2018	Vertical	On-Site	Grab	In-Situ	190.0	19,300.0	17,340.0	5,840.0	11,500.0	1,990.0	-	-
SP-3 @ 1'	1	3/5/2018	Vertical	On-Site	Grab	In-Situ	21.7	<15.0	<15.0	<15.0	<15.0	<15.0	<0.0036	<0.0036
SP-3 @ 2'	2	3/5/2018	Vertical	On-Site	Grab	In-Situ	234.0	<15.0	<15.0	<15.0	<15.0	<15.0	<0.0020	<0.0020
SP-3 @ 3'	3	3/5/2018	Vertical	On-Site	Grab	In-Situ	53.3	<15.0	<15.0	<15.0	<15.0	<15.0	<0.0020	<0.0020
SP-3 @ 4'	4	3/5/2018	Vertical	On-Site	Grab	In-Situ	16.7	<15.0	<15.0	<15.0	<15.0	<15.0	<0.0020	<0.0020
SP-4 @ 6"	0.5	1/25/2018	Vertical	On-Site	Grab	In-Situ	54.6	60.9	60.9	<15.0	60.9	<15.0	<0.0020	<0.0020
SP-5 @ 6"	0.5	1/25/2018	Vertical	On-Site	Grab	In-Situ	585.0	207.0	180.0	<14.9	180.0	27.1	0.0159	<0.0020
SP-5 @ 1'	1	1/25/2018	Vertical	On-Site	Grab	In-Situ	114.0	62.0	62.0	<15.0	62.0	<15.0	<0.0020	<0.0020
SP-6 @ 6"	0.5	1/25/2018	Vertical	On-Site	Grab	In-Situ	16,700.0	10,500.0	9,480.0	2,930.0	6,550.0	1,060.0	-	-
SP-6 @ 1'	1	1/25/2018	Vertical	On-Site	Grab	In-Situ	211.0	5,500.0	4,860.0	1,320.0	3,540.0	636.0	-	-
SP-6 @ 2'	2	3/5/2018	Vertical	On-Site	Grab	In-Situ	16.4	<15.0	<15.0	<15.0	<15.0	<15.0	<0.0020	<0.0020
SP-6 @ 3'	3	3/5/2018	Vertical	On-Site	Grab	In-Situ	34.8	27.5	27.5	<15.0	27.5	<15.0	<0.0020	<0.0020
Horizontal Delineation														
DH-001.0-01.0-S	1	3/21/2024	Horizontal	On-Site	Grab	In-Situ	64.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-002.0-01.0-P	1	3/21/2024	Horizontal	Off-Site	Grab	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-003.0-01.0-P	1	3/21/2024	Horizontal	Off-Site	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-004.0-01.0-S	1	3/21/2024	Horizontal	On-Site	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

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

**OXY USA, INC.
FNR 26 FEDERAL #001
COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAB1803253192**



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/WALL	OFF-SITE/ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
Remediation Floors														
CF-001.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	624.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-002.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	816.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-003.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	2,200.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-004.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	10,500.0	28.1	28.1	<10.0	28.1	<10.0	<.300	<0.50
CF-005.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	304.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-006.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	112.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-007.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	128.0	50.4	30.2	<10.0	30.2	20.2	<.300	<0.50
CF-008.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	752.0	172.1	123.0	<10.0	123.0	49.1	<.300	<0.50
CF-009.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	752.0	194.4	141.0	<10.0	141.0	53.4	<.300	<0.50
CF-010.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	448.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-011.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	528.0	41.0	28.0	<10.0	28.0	13.0	<.300	<0.50
CF-012.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	160.0	32.2	20.7	<10.0	20.7	11.5	<.300	<0.50
CF-013.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	336.0	35.3	22.3	<10.0	22.3	13.0	<.300	<0.50
CF-014.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	128.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-015.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	2,680.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-016.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	1,420.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-017.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	9,600.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-018.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	8,660.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-019.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-020.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-021.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	64.0	88.1	55.6	<10.0	55.6	32.5	<.300	<0.50
CF-022.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	208.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-023.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	1,390.0	140.8	102.0	<10.0	102.0	38.8	<.300	<0.50
CF-024.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	8,130.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-025.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	Excavated	11,600.0	1,308.0	1,050.0	<10.0	1,050.0	258.0	<.300	<0.50
CF-025.0-02.0-S	2	3/27/2024	Floor	On-Site	Composite	In-Situ	1,800.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-026.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	1,800.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-027.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	64.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-028.0-00.0-S	0	3/21/2024	Floor	On-Site	Composite	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
Remediation Walls														
CW-001.0-00.0-S	0	3/21/2024	Wall	On-Site	Composite	In-Situ	320.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-002.0-00.0-S	0	3/21/2024	Wall	On-Site	Composite	In-Situ	272.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

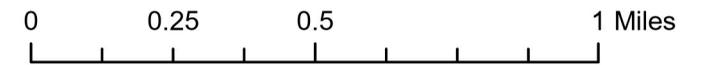


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Legend:

 Site Location

Site Location Map
OXY USA, Inc.
FNR 26 Federal #001
32.2704697, -103.8581543
Eddy County, New Mexico
NMOCD Reference # NAB1803253192





Maxar, Microsoft

Legend:

- Vertical Delineation
- Horizontal Delineation
- Release Area
- Existing Infrastructure

Delineation Map
OXY USA, Inc.
FNR 26 Federal #001
32.2704697, -103.8581543
Eddy County, New Mexico
NMOCD Reference # NAB1803253192





Maxar, Microsoft

Legend:

- Remediation Wall
- Remediation Floor
- Excavation Area
- Existing Infrastructure

Remediation Map
OXY USA, Inc.
FNR 26 Federal #001
32.2704697, -103.8581543
Eddy County, New Mexico
NMOCD Reference # NAB1803253192



OXY USA, Inc. – FNR 26 1 CTB
Unit Letter “M” (SW/SW), Section 26, Township 23S, Range 30E



FNR 26 1 CTB - Release (Looking East-Southeast)



FNR 26 1 CTB - Release (Looking Southeast)

OXY USA, Inc. – FNR 26 1 CTB

Unit Letter "M" (SW/SW), Section 26, Township 23S, Range 30E



FNR 26 1 CTB – Release (Looking East-Northeast)



FNR 26 1 CTB – Release (Looking West)

OXY USA, Inc. – FNR 26 1 CTB

Unit Letter "M" (SW/SW), Section 26, Township 23S, Range 30E



FNR 26 1 CTB – Release (Looking West-Northwest)



FNR 26 1 CTB – Release (Looking Southwest)

OXY USA, Inc. – FNR 26 1 CTB

Unit Letter "M" (SW/SW), Section 26, Township 23S, Range 30E



FNR 26 1 CTB – Release (Looking Southwest)



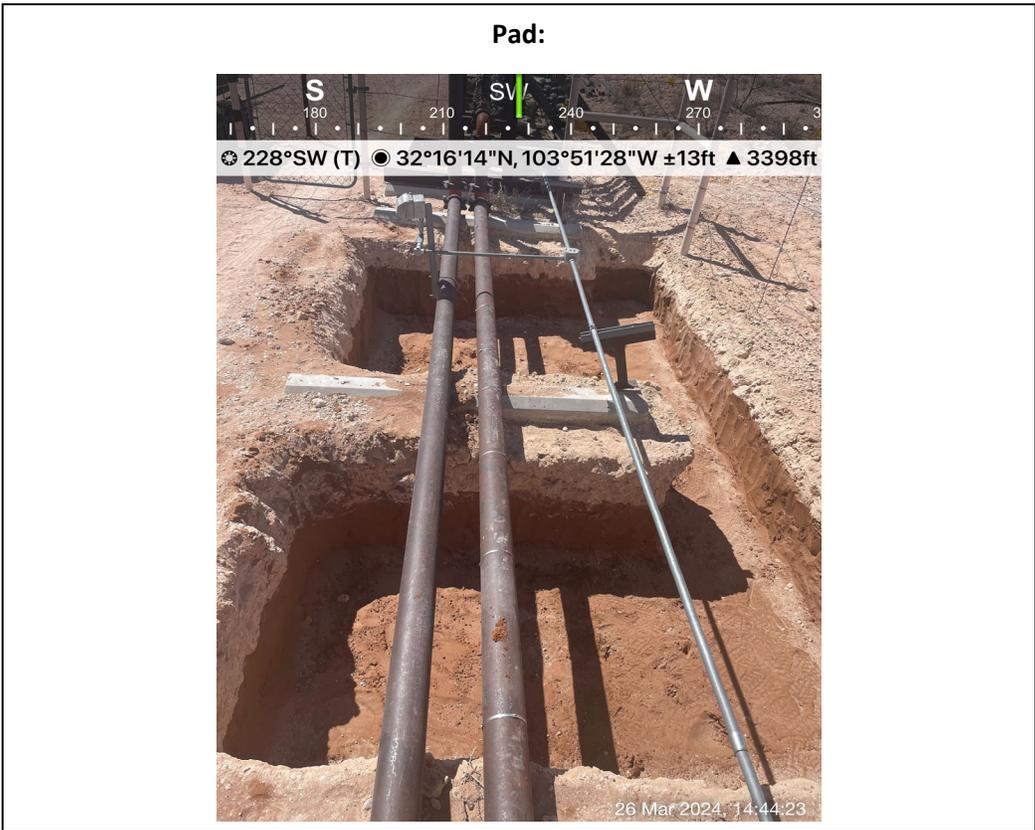
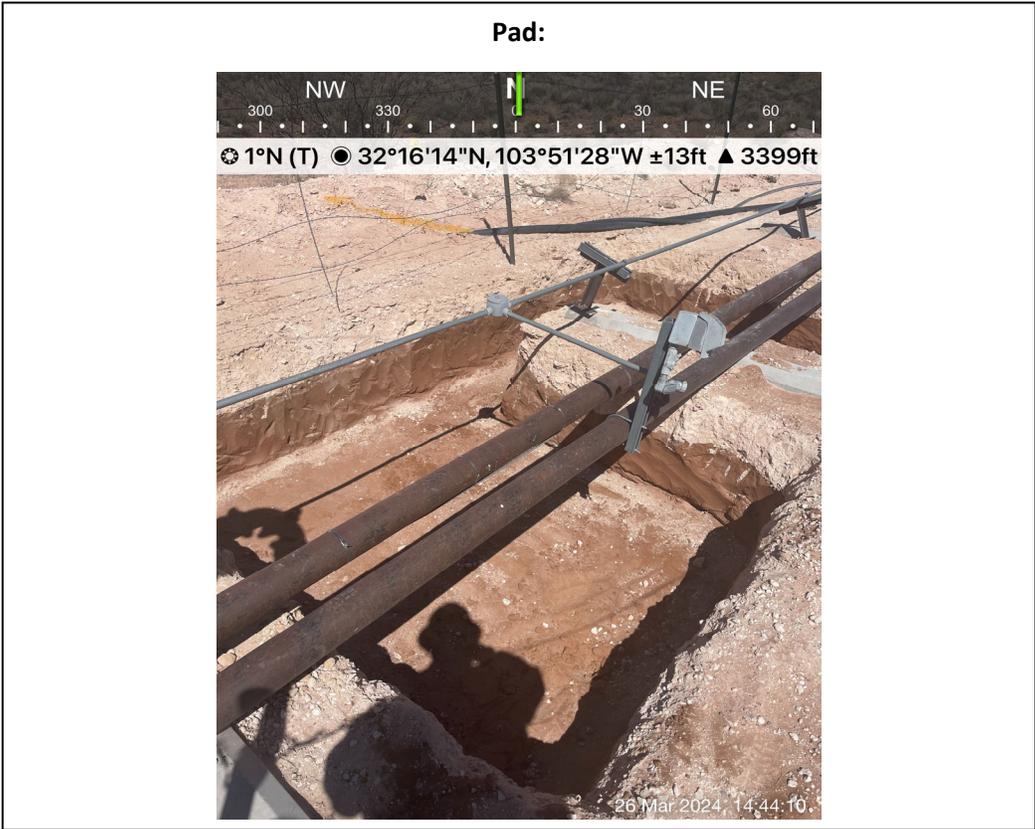
Previous Excavation

Pad:

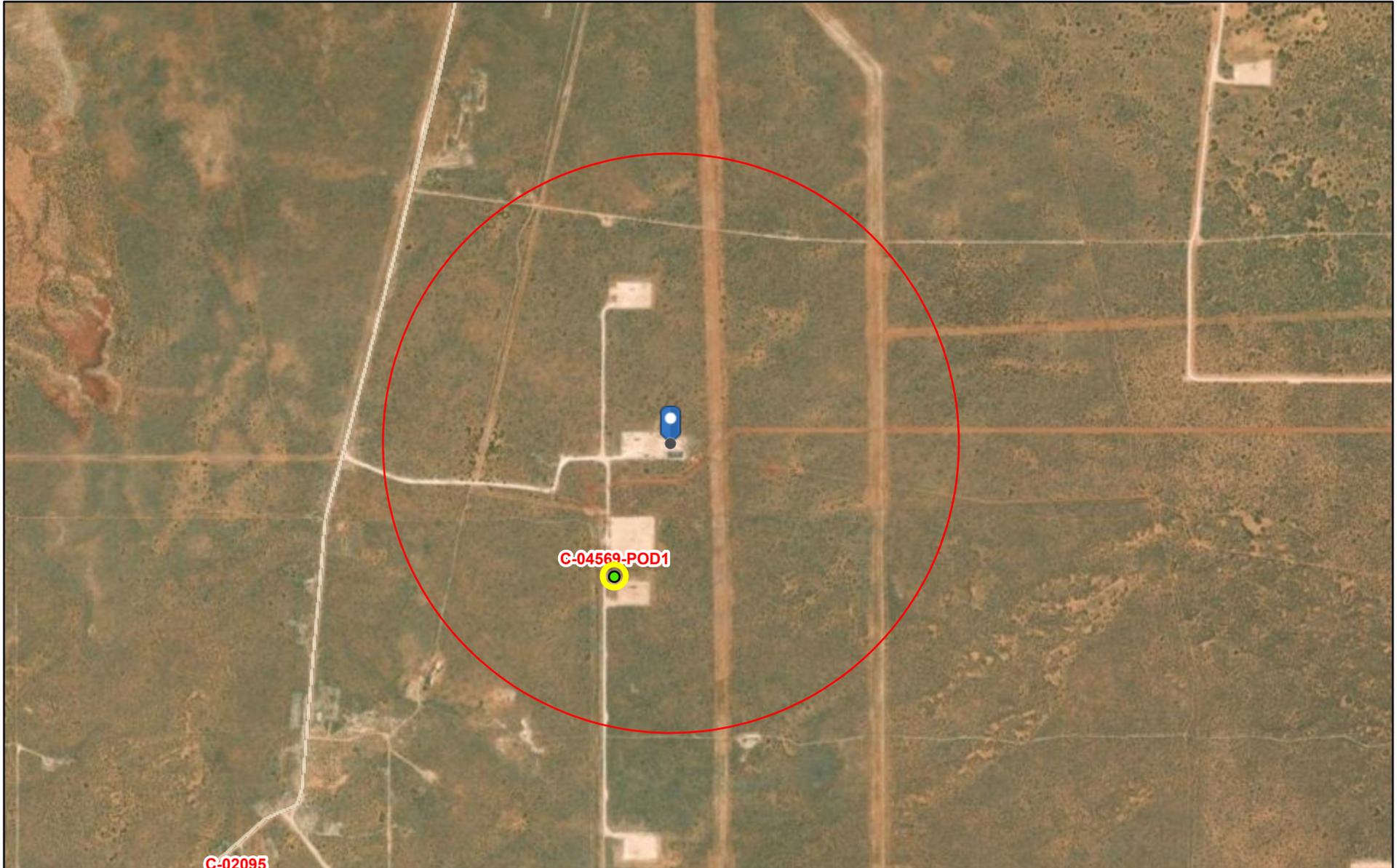




Excavation



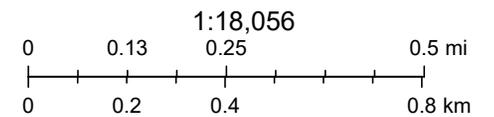
NAB1803253192 | FNR 26 FEDERAL #001



3/22/2024, 10:52:25 AM

GIS WATERS PODs

● Pending



Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar



U.S. Fish and Wildlife Service
National Wetlands Inventory

NAB1803253192 | FNR 26 FEDERAL #001



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands_team@fws.gov

March 22, 2024

Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

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

-  Lake
-  Other
-  Riverine

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

National Flood Hazard Layer FIRMMette



103°51'48"W 32°16'29"N



Legend

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

- | | | |
|------------------------------------|--|--|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE)
<i>Zone A, V, A99</i> |
| | | With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i> |
| | | 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 <i>Zone X</i> |
| | | Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i> |
| | | Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i> |
| | | Area with Flood Risk due to Levee <i>Zone D</i> |
| OTHER AREAS | | NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i> |
| | | Effective LOMRs |
| GENERAL STRUCTURES | | Area of Undetermined Flood Hazard <i>Zone D</i> |
| | | Channel, Culvert, or Storm Sewer |
| | | Levee, Dike, or Floodwall |
| OTHER FEATURES | | 20.2 Cross Sections with 1% Annual Chance |
| | | 17.5 Water Surface Elevation |
| | | Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| MAP PANELS | | Coastal Transect Baseline |
| | | Profile Baseline |
| | | Hydrographic Feature |
| | | 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 3/22/2024 at 12:59 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.

Released to Imaging: 4/5/2024 8:23:07 AM

1:6,000

103°51'11"W 32°15'58"N

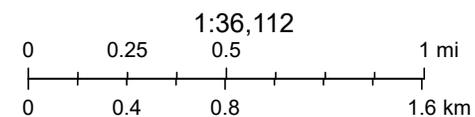
NAB1803253192 | FNR 26 FEDERAL #001



3/22/2024, 5:22:18 PM

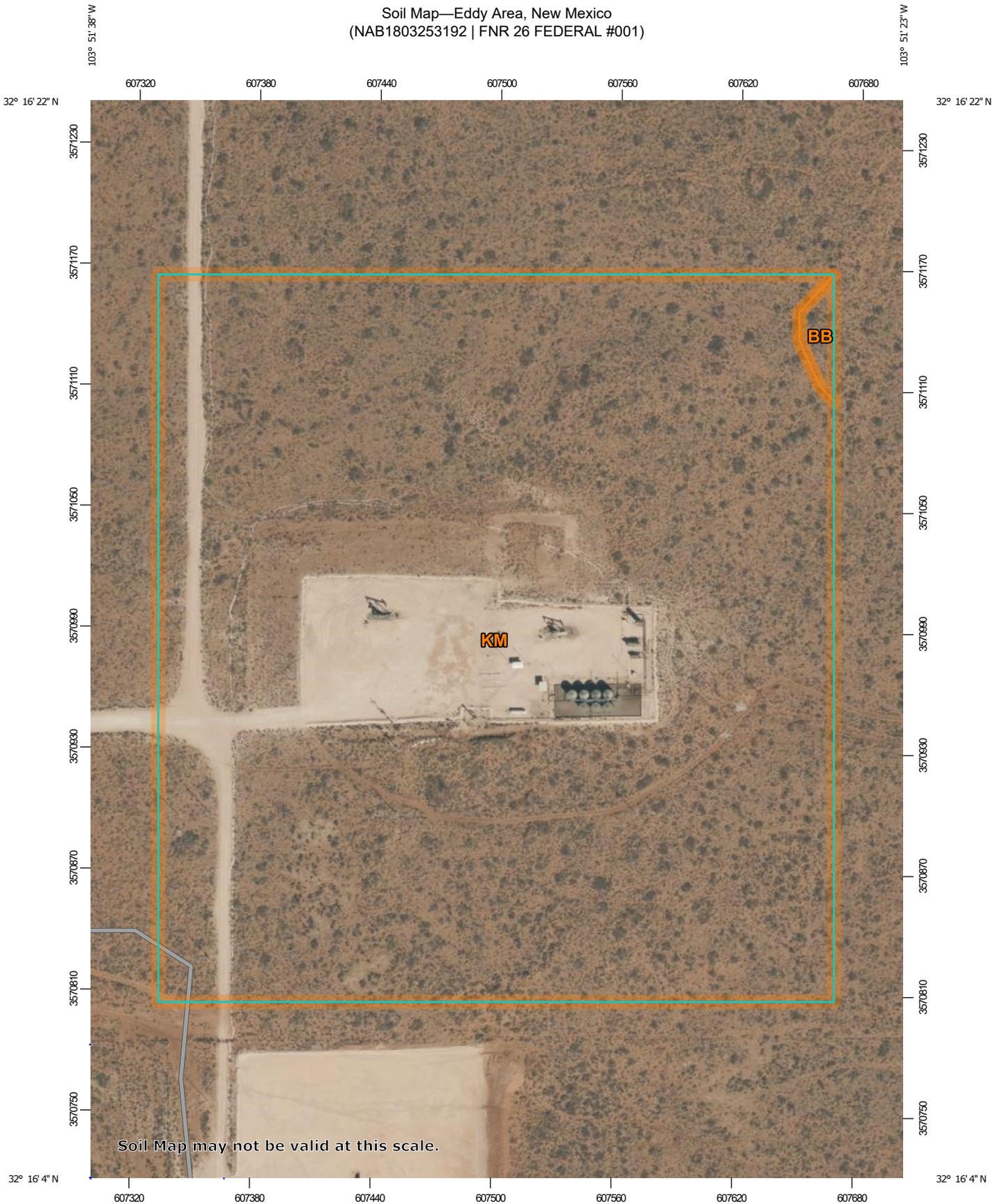
Karst Occurrence Potential

	High		Medium
	Low		

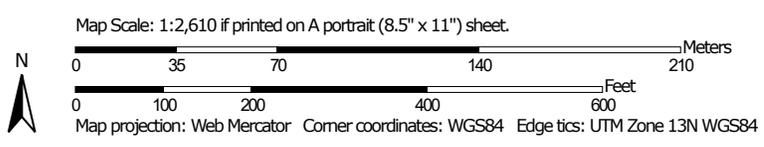


BLM, OCD, New Mexico Tech, Maxar

Soil Map—Eddy Area, New Mexico
(NAB1803253192 | FNR 26 FEDERAL #001)



Soil Map may not be valid at this scale.



Soil Map—Eddy Area, New Mexico
(NAB1803253192 | FNR 26 FEDERAL #001)

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 19, Sep 7, 2023

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	0.2	0.6%
KM	Kermit-Berino fine sands, 0 to 3 percent slopes	29.9	99.4%
Totals for Area of Interest		30.1	100.0%



Certificate of Analysis Summary 575034

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: FNR 26 1 CTB

Project Id:
Contact: Ben Arguijo
Project Location: Hobbs, NM

Date Received in Lab: Tue Jan-30-18 02:40 pm
Report Date: 06-FEB-18
Project Manager: Holly Taylor

Analysis Requested	Lab Id:	575034-001	575034-002	575034-003	575034-004	575034-005	575034-006
	Field Id:	SP-1 @ 6"	SP-2 @ 6"	SP-2 @ 1'	SP-3 @ 6"	SP-4 @ 6"	SP-5 @ 6"
	Depth:						
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:	Jan-25-18 12:30	Jan-25-18 12:45	Jan-25-18 13:10	Jan-25-18 13:05	Jan-25-18 13:20	Jan-25-18 13:30
BTEX by EPA 8021B	Extracted:	Feb-05-18 14:50	Feb-05-18 14:50	Feb-05-18 14:50		Feb-05-18 14:50	Feb-05-18 14:50
	Analyzed:	Feb-06-18 00:58	Feb-05-18 23:04	Feb-05-18 23:22		Feb-05-18 23:41	Feb-06-18 07:54
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL		mg/kg RL	mg/kg RL
	Benzene	<0.0199 0.0199	<0.00199 0.00199	<0.00201 0.00201		<0.00200 0.00200	<0.00199 0.00199
Toluene	1.53 0.0199	<0.00199 0.00199	<0.00201 0.00201		<0.00200 0.00200	<0.00199 0.00199	
Ethylbenzene	3.51 0.0199	<0.00199 0.00199	<0.00201 0.00201		<0.00200 0.00200	0.00256 0.00199	
m,p-Xylenes	8.60 D 0.398	<0.00398 0.00398	<0.00402 0.00402		<0.00399 0.00399	0.00771 0.00398	
o-Xylene	3.36 D 0.199	<0.00199 0.00199	<0.00201 0.00201		<0.00200 0.00200	0.00559 0.00199	
Total Xylenes	12.0 0.199	<0.00199 0.00199	<0.00201 0.00201		<0.00200 0.00200	0.0133 0.00199	
Total BTEX	17.0 0.0199	<0.00199 0.00199	<0.00201 0.00201		<0.00200 0.00200	0.0159 0.00199	
Chloride by EPA 300	Extracted:	Feb-02-18 16:45					
	Analyzed:	Feb-02-18 20:25	Feb-02-18 20:32	Feb-03-18 20:37	Feb-03-18 20:44	Feb-03-18 20:51	Feb-03-18 20:58
	Units/RL:	mg/kg RL					
Chloride	548 4.94	916 4.99	170 4.99	190 5.00	54.6 4.95	585 4.94	
TPH By SW8015 Mod	Extracted:	Feb-02-18 12:00					
	Analyzed:	Feb-03-18 03:22	Feb-03-18 03:44	Feb-03-18 04:06	Feb-03-18 04:28	Feb-03-18 04:49	Feb-03-18 05:10
	Units/RL:	mg/kg RL					
	Gasoline Range Hydrocarbons (GRO)	900 15.0	<14.9 14.9	<15.0 15.0	5840 74.8	<15.0 15.0	<14.9 14.9
Diesel Range Organics (DRO)	2840 15.0	38.8 14.9	69.5 15.0	11500 74.8	60.9 15.0	180 14.9	
Oil Range Hydrocarbons (ORO)	470 15.0	<14.9 14.9	<15.0 15.0	1990 74.8	<15.0 15.0	27.1 14.9	
Total TPH	4210 15.0	38.8 14.9	69.5 15.0	19300 74.8	60.9 15.0	207 14.9	

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

Holly Taylor
Project Manager



Certificate of Analysis Summary 575034

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: FNR 26 1 CTB



Project Id:
Contact: Ben Arguijo
Project Location: Hobbs, NM

Date Received in Lab: Tue Jan-30-18 02:40 pm
Report Date: 06-FEB-18
Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	575034-007	575034-008	575034-009			
	<i>Field Id:</i>	SP-5 @ 1'	SP-6 @ 6"	SP-6 @ 1'			
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL			
	<i>Sampled:</i>	Jan-25-18 13:50	Jan-25-18 13:40	Jan-25-18 14:00			
BTEX by EPA 8021B	<i>Extracted:</i>	Feb-05-18 14:50					
	<i>Analyzed:</i>	Feb-06-18 00:20					
	<i>Units/RL:</i>	mg/kg RL					
Benzene		<0.00202 0.00202					
Toluene		<0.00202 0.00202					
Ethylbenzene		<0.00202 0.00202					
m,p-Xylenes		<0.00404 0.00404					
o-Xylene		<0.00202 0.00202					
Total Xylenes		<0.00202 0.00202					
Total BTEX		<0.00202 0.00202					
Chloride by EPA 300	<i>Extracted:</i>	Feb-02-18 16:45	Feb-02-18 16:45	Feb-02-18 16:45			
	<i>Analyzed:</i>	Feb-03-18 21:05	Feb-03-18 21:12	Feb-03-18 21:19			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
Chloride		114 4.95	16700 99.6	211 4.99			
TPH By SW8015 Mod	<i>Extracted:</i>	Feb-02-18 12:00	Feb-02-18 12:00	Feb-02-18 12:00			
	<i>Analyzed:</i>	Feb-03-18 05:33	Feb-03-18 05:54	Feb-03-18 06:15			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
Gasoline Range Hydrocarbons (GRO)		<15.0 15.0	2930 75.0	1320 15.0			
Diesel Range Organics (DRO)		62.0 15.0	6550 75.0	3540 15.0			
Oil Range Hydrocarbons (ORO)		<15.0 15.0	1060 75.0	636 15.0			
Total TPH		62.0 15.0	10500 75.0	5500 15.0			

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

Holly Taylor
Project Manager

Analytical Report 575034
for
Trinity Oilfield Services & Rentals, LLC

Project Manager: Ben Arguijo

FNR 26 1 CTB

06-FEB-18

Collected By: Client



1211 W. Florida Ave, Midland TX 79701

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-17-23), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2017-142)

Xenco-Dallas (EPA Lab code: TX01468):
Texas (T104704295-17-15), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab code: TX00127): Texas (T104704221-17-12)
Xenco-Lubbock (EPA Lab code: TX00139): Texas (T104704219-17-16)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-17-13)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-17-3)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)



06-FEB-18

Project Manager: **Ben Arguijo**
Trinity Oilfield Services & Rentals, LLC
PO BOX 2587
Hobbs, NM 88241

Reference: XENCO Report No(s): **575034**
FNR 26 1 CTB
Project Address: Hobbs, NM

Ben Arguijo:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 575034. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 575034 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Holly Taylor
Project Manager

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Sample Cross Reference 575034

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 1 CTB

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SP-1 @ 6"	S	01-25-18 12:30		575034-001
SP-2 @ 6"	S	01-25-18 12:45		575034-002
SP-2 @ 1'	S	01-25-18 13:10		575034-003
SP-3 @ 6"	S	01-25-18 13:05		575034-004
SP-4 @ 6"	S	01-25-18 13:20		575034-005
SP-5 @ 6"	S	01-25-18 13:30		575034-006
SP-5 @ 1'	S	01-25-18 13:50		575034-007
SP-6 @ 6"	S	01-25-18 13:40		575034-008
SP-6 @ 1'	S	01-25-18 14:00		575034-009



CASE NARRATIVE

Client Name: Trinity Oilfield Services & Rentals, LLC

Project Name: FNR 26 1 CTB

Project ID:
Work Order Number(s): 575034

Report Date: 06-FEB-18
Date Received: 01/30/2018

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3040267 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030.



Certificate of Analytical Results 575034



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 1 CTB

Sample Id: **SP-1 @ 6"** Matrix: Soil Date Received: 01.30.18 14.40
 Lab Sample Id: 575034-001 Date Collected: 01.25.18 12.30
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: OJS % Moisture:
 Analyst: OJS Date Prep: 02.02.18 16.45 Basis: Wet Weight
 Seq Number: 3040187

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	548	4.94	mg/kg	02.02.18 20.25		1

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 02.02.18 12.00 Basis: Wet Weight
 Seq Number: 3040140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	900	15.0	mg/kg	02.03.18 03.22		1
Diesel Range Organics (DRO)	C10C28DRO	2840	15.0	mg/kg	02.03.18 03.22		1
Oil Range Hydrocarbons (ORO)	PHCG2835	470	15.0	mg/kg	02.03.18 03.22		1
Total TPH	PHC635	4210	15.0	mg/kg	02.03.18 03.22		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	111	%	70-135	02.03.18 03.22	
o-Terphenyl	84-15-1	82	%	70-135	02.03.18 03.22	



Certificate of Analytical Results 575034



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 1 CTB

Sample Id: **SP-1 @ 6"**

Matrix: Soil

Date Received: 01.30.18 14.40

Lab Sample Id: 575034-001

Date Collected: 01.25.18 12.30

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

% Moisture:

Analyst: ALJ

Date Prep: 02.05.18 14.50

Basis: Wet Weight

Seq Number: 3040267

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.0199	0.0199	mg/kg	02.06.18 00.58	U	10
Toluene	108-88-3	1.53	0.0199	mg/kg	02.06.18 00.58		10
Ethylbenzene	100-41-4	3.51	0.0199	mg/kg	02.06.18 00.58		10
m,p-Xylenes	179601-23-1	8.60	0.398	mg/kg	02.06.18 00.39	D	100
o-Xylene	95-47-6	3.36	0.199	mg/kg	02.06.18 00.39	D	100
Total Xylenes	1330-20-7	12.0	0.199	mg/kg	02.06.18 00.39		100
Total BTEX		17.0	0.0199	mg/kg	02.06.18 00.39		100
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	120	%	80-120	02.06.18 00.58		
1,4-Difluorobenzene	540-36-3	89	%	80-120	02.06.18 00.58		



Certificate of Analytical Results 575034



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 1 CTB

Sample Id: **SP-2 @ 6"** Matrix: Soil Date Received: 01.30.18 14.40
 Lab Sample Id: 575034-002 Date Collected: 01.25.18 12.45
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: OJS % Moisture:
 Analyst: OJS Date Prep: 02.02.18 16.45 Basis: Wet Weight
 Seq Number: 3040187

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	916	4.99	mg/kg	02.02.18 20.32		1

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 02.02.18 12.00 Basis: Wet Weight
 Seq Number: 3040140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<14.9	14.9	mg/kg	02.03.18 03.44	U	1
Diesel Range Organics (DRO)	C10C28DRO	38.8	14.9	mg/kg	02.03.18 03.44		1
Oil Range Hydrocarbons (ORO)	PHCG2835	<14.9	14.9	mg/kg	02.03.18 03.44	U	1
Total TPH	PHC635	38.8	14.9	mg/kg	02.03.18 03.44		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-135	02.03.18 03.44	
o-Terphenyl	84-15-1	92	%	70-135	02.03.18 03.44	



Certificate of Analytical Results 575034



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 1 CTB

Sample Id: **SP-2 @ 6"**

Matrix: Soil

Date Received: 01.30.18 14.40

Lab Sample Id: 575034-002

Date Collected: 01.25.18 12.45

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

% Moisture:

Analyst: ALJ

Date Prep: 02.05.18 14.50

Basis: Wet Weight

Seq Number: 3040267

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	02.05.18 23.04	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	02.05.18 23.04	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	02.05.18 23.04	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	02.05.18 23.04	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	02.05.18 23.04	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	02.05.18 23.04	U	1
Total BTEX		<0.00199	0.00199	mg/kg	02.05.18 23.04	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	101	%	80-120	02.05.18 23.04		
1,4-Difluorobenzene	540-36-3	93	%	80-120	02.05.18 23.04		



Certificate of Analytical Results 575034



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 1 CTB

Sample Id: **SP-2 @ 1'** Matrix: Soil Date Received: 01.30.18 14.40
 Lab Sample Id: 575034-003 Date Collected: 01.25.18 13.10
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: OJS % Moisture:
 Analyst: OJS Date Prep: 02.02.18 16.45 Basis: Wet Weight
 Seq Number: 3040187

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	170	4.99	mg/kg	02.03.18 20.37		1

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 02.02.18 12.00 Basis: Wet Weight
 Seq Number: 3040140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	02.03.18 04.06	U	1
Diesel Range Organics (DRO)	C10C28DRO	69.5	15.0	mg/kg	02.03.18 04.06		1
Oil Range Hydrocarbons (ORO)	PHCG2835	<15.0	15.0	mg/kg	02.03.18 04.06	U	1
Total TPH	PHC635	69.5	15.0	mg/kg	02.03.18 04.06		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-135	02.03.18 04.06	
o-Terphenyl	84-15-1	86	%	70-135	02.03.18 04.06	



Certificate of Analytical Results 575034

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 1 CTB

Sample Id: **SP-2 @ 1'** Matrix: Soil Date Received: 01.30.18 14.40
 Lab Sample Id: 575034-003 Date Collected: 01.25.18 13.10
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B
 Tech: ALJ % Moisture:
 Analyst: ALJ Date Prep: 02.05.18 14.50 Basis: Wet Weight
 Seq Number: 3040267

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	02.05.18 23.22	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	02.05.18 23.22	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	02.05.18 23.22	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	02.05.18 23.22	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	02.05.18 23.22	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	02.05.18 23.22	U	1
Total BTEX		<0.00201	0.00201	mg/kg	02.05.18 23.22	U	1
Surrogate	Cas Number	% Recovery		Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	92		%	80-120	02.05.18 23.22	
4-Bromofluorobenzene	460-00-4	95		%	80-120	02.05.18 23.22	



Certificate of Analytical Results 575034



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 1 CTB

Sample Id: **SP-3 @ 6"** Matrix: Soil Date Received: 01.30.18 14.40
 Lab Sample Id: 575034-004 Date Collected: 01.25.18 13.05
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: OJS % Moisture:
 Analyst: OJS Date Prep: 02.02.18 16.45 Basis: Wet Weight
 Seq Number: 3040187

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	190	5.00	mg/kg	02.03.18 20.44		1

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 02.02.18 12.00 Basis: Wet Weight
 Seq Number: 3040140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	5840	74.8	mg/kg	02.03.18 04.28		5
Diesel Range Organics (DRO)	C10C28DRO	11500	74.8	mg/kg	02.03.18 04.28		5
Oil Range Hydrocarbons (ORO)	PHCG2835	1990	74.8	mg/kg	02.03.18 04.28		5
Total TPH	PHC635	19300	74.8	mg/kg	02.03.18 04.28		5

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-135	02.03.18 04.28	
o-Terphenyl	84-15-1	97	%	70-135	02.03.18 04.28	



Certificate of Analytical Results 575034



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 1 CTB

Sample Id: **SP-4 @ 6"** Matrix: Soil Date Received: 01.30.18 14.40
 Lab Sample Id: 575034-005 Date Collected: 01.25.18 13.20
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: OJS % Moisture:
 Analyst: OJS Date Prep: 02.02.18 16.45 Basis: Wet Weight
 Seq Number: 3040187

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	54.6	4.95	mg/kg	02.03.18 20.51		1

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 02.02.18 12.00 Basis: Wet Weight
 Seq Number: 3040140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	02.03.18 04.49	U	1
Diesel Range Organics (DRO)	C10C28DRO	60.9	15.0	mg/kg	02.03.18 04.49		1
Oil Range Hydrocarbons (ORO)	PHCG2835	<15.0	15.0	mg/kg	02.03.18 04.49	U	1
Total TPH	PHC635	60.9	15.0	mg/kg	02.03.18 04.49		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	02.03.18 04.49	
o-Terphenyl	84-15-1	89	%	70-135	02.03.18 04.49	



Certificate of Analytical Results 575034



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 1 CTB

Sample Id: **SP-4 @ 6"** Matrix: Soil Date Received: 01.30.18 14.40
 Lab Sample Id: 575034-005 Date Collected: 01.25.18 13.20
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B
 Tech: ALJ % Moisture:
 Analyst: ALJ Date Prep: 02.05.18 14.50 Basis: Wet Weight
 Seq Number: 3040267

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	02.05.18 23.41	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	02.05.18 23.41	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	02.05.18 23.41	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	02.05.18 23.41	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	02.05.18 23.41	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	02.05.18 23.41	U	1
Total BTEX		<0.00200	0.00200	mg/kg	02.05.18 23.41	U	1
Surrogate	Cas Number	% Recovery		Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	85		%	80-120	02.05.18 23.41	
4-Bromofluorobenzene	460-00-4	92		%	80-120	02.05.18 23.41	



Certificate of Analytical Results 575034



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 1 CTB

Sample Id: **SP-5 @ 6"** Matrix: Soil Date Received: 01.30.18 14.40
 Lab Sample Id: 575034-006 Date Collected: 01.25.18 13.30
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: OJS % Moisture:
 Analyst: OJS Date Prep: 02.02.18 16.45 Basis: Wet Weight
 Seq Number: 3040187

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	585	4.94	mg/kg	02.03.18 20.58		1

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 02.02.18 12.00 Basis: Wet Weight
 Seq Number: 3040140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<14.9	14.9	mg/kg	02.03.18 05.10	U	1
Diesel Range Organics (DRO)	C10C28DRO	180	14.9	mg/kg	02.03.18 05.10		1
Oil Range Hydrocarbons (ORO)	PHCG2835	27.1	14.9	mg/kg	02.03.18 05.10		1
Total TPH	PHC635	207	14.9	mg/kg	02.03.18 05.10		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-135	02.03.18 05.10	
o-Terphenyl	84-15-1	93	%	70-135	02.03.18 05.10	



Certificate of Analytical Results 575034



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 1 CTB

Sample Id: **SP-5 @ 6"** Matrix: Soil Date Received: 01.30.18 14.40
 Lab Sample Id: 575034-006 Date Collected: 01.25.18 13.30
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B
 Tech: ALJ % Moisture:
 Analyst: ALJ Date Prep: 02.05.18 14.50 Basis: Wet Weight
 Seq Number: 3040267

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	02.06.18 07.54	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	02.06.18 07.54	U	1
Ethylbenzene	100-41-4	0.00256	0.00199	mg/kg	02.06.18 07.54		1
m,p-Xylenes	179601-23-1	0.00771	0.00398	mg/kg	02.06.18 07.54		1
o-Xylene	95-47-6	0.00559	0.00199	mg/kg	02.06.18 07.54		1
Total Xylenes	1330-20-7	0.0133	0.00199	mg/kg	02.06.18 07.54		1
Total BTEX		0.0159	0.00199	mg/kg	02.06.18 07.54		1
Surrogate	Cas Number	% Recovery		Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	85		%	80-120	02.06.18 07.54	
4-Bromofluorobenzene	460-00-4	93		%	80-120	02.06.18 07.54	



Certificate of Analytical Results 575034



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 1 CTB

Sample Id: **SP-5 @ 1'** Matrix: Soil Date Received: 01.30.18 14.40
 Lab Sample Id: 575034-007 Date Collected: 01.25.18 13.50
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: OJS % Moisture:
 Analyst: OJS Date Prep: 02.02.18 16.45 Basis: Wet Weight
 Seq Number: 3040187

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	114	4.95	mg/kg	02.03.18 21.05		1

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 02.02.18 12.00 Basis: Wet Weight
 Seq Number: 3040140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	02.03.18 05.33	U	1
Diesel Range Organics (DRO)	C10C28DRO	62.0	15.0	mg/kg	02.03.18 05.33		1
Oil Range Hydrocarbons (ORO)	PHCG2835	<15.0	15.0	mg/kg	02.03.18 05.33	U	1
Total TPH	PHC635	62.0	15.0	mg/kg	02.03.18 05.33		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	84	%	70-135	02.03.18 05.33	
o-Terphenyl	84-15-1	83	%	70-135	02.03.18 05.33	



Certificate of Analytical Results 575034



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 1 CTB

Sample Id: **SP-5 @ 1'** Matrix: Soil Date Received: 01.30.18 14.40
 Lab Sample Id: 575034-007 Date Collected: 01.25.18 13.50
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B
 Tech: ALJ % Moisture:
 Analyst: ALJ Date Prep: 02.05.18 14.50 Basis: Wet Weight
 Seq Number: 3040267

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	02.06.18 00.20	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	02.06.18 00.20	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	02.06.18 00.20	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	02.06.18 00.20	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	02.06.18 00.20	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	02.06.18 00.20	U	1
Total BTEX		<0.00202	0.00202	mg/kg	02.06.18 00.20	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	111	%	80-120	02.06.18 00.20		
1,4-Difluorobenzene	540-36-3	98	%	80-120	02.06.18 00.20		



Certificate of Analytical Results 575034



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 1 CTB

Sample Id: **SP-6 @ 6"** Matrix: Soil Date Received: 01.30.18 14.40
 Lab Sample Id: 575034-008 Date Collected: 01.25.18 13.40
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: OJS % Moisture:
 Analyst: OJS Date Prep: 02.02.18 16.45 Basis: Wet Weight
 Seq Number: 3040187

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	16700	99.6	mg/kg	02.03.18 21.12		20

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 02.02.18 12.00 Basis: Wet Weight
 Seq Number: 3040140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	2930	75.0	mg/kg	02.03.18 05.54		5
Diesel Range Organics (DRO)	C10C28DRO	6550	75.0	mg/kg	02.03.18 05.54		5
Oil Range Hydrocarbons (ORO)	PHCG2835	1060	75.0	mg/kg	02.03.18 05.54		5
Total TPH	PHC635	10500	75.0	mg/kg	02.03.18 05.54		5

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-135	02.03.18 05.54	
o-Terphenyl	84-15-1	94	%	70-135	02.03.18 05.54	



Certificate of Analytical Results 575034



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 1 CTB

Sample Id: **SP-6 @ 1'** Matrix: Soil Date Received: 01.30.18 14.40
 Lab Sample Id: 575034-009 Date Collected: 01.25.18 14.00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: OJS % Moisture:
 Analyst: OJS Date Prep: 02.02.18 16.45 Basis: Wet Weight
 Seq Number: 3040187

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	211	4.99	mg/kg	02.03.18 21.19		1

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 02.02.18 12.00 Basis: Wet Weight
 Seq Number: 3040140

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	1320	15.0	mg/kg	02.03.18 06.15		1
Diesel Range Organics (DRO)	C10C28DRO	3540	15.0	mg/kg	02.03.18 06.15		1
Oil Range Hydrocarbons (ORO)	PHCG2835	636	15.0	mg/kg	02.03.18 06.15		1
Total TPH	PHC635	5500	15.0	mg/kg	02.03.18 06.15		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-135	02.03.18 06.15	
o-Terphenyl	84-15-1	80	%	70-135	02.03.18 06.15	



Flagging Criteria



- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

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Phone	Fax
(281) 240-4200	(281) 240-4280
(214) 902 0300	(214) 351-9139
(210) 509-3334	(210) 509-3335
(432) 563-1800	(432) 563-1713
(602) 437-0330	



Trinity Oilfield Services & Rentals, LLC

FNR 26 1 CTB

Analytical Method: Chloride by EPA 300

Seq Number: 3040187

MB Sample Id: 7638556-1-BLK

Matrix: Solid

LCS Sample Id: 7638556-1-BKS

Prep Method: E300P

Date Prep: 02.02.18

LCSD Sample Id: 7638556-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	272	109	267	107	90-110	2	20	mg/kg	02.02.18 18:12	

Analytical Method: Chloride by EPA 300

Seq Number: 3040187

Parent Sample Id: 574954-006

Matrix: Soil

MS Sample Id: 574954-006 S

Prep Method: E300P

Date Prep: 02.02.18

MSD Sample Id: 574954-006 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	59.5	250	320	104	316	103	90-110	1	20	mg/kg	02.02.18 20:11	

Analytical Method: Chloride by EPA 300

Seq Number: 3040187

Parent Sample Id: 575271-001

Matrix: Soil

MS Sample Id: 575271-001 S

Prep Method: E300P

Date Prep: 02.02.18

MSD Sample Id: 575271-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	751	250	957	82	956	82	90-110	0	20	mg/kg	02.02.18 18:33	X

Analytical Method: TPH By SW8015 Mod

Seq Number: 3040140

MB Sample Id: 7638545-1-BLK

Matrix: Solid

LCS Sample Id: 7638545-1-BKS

Prep Method: TX1005P

Date Prep: 02.02.18

LCSD Sample Id: 7638545-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<15.0	1000	961	96	905	91	70-135	6	35	mg/kg	02.03.18 01:34	
Diesel Range Organics (DRO)	<15.0	1000	1060	106	976	98	70-135	8	35	mg/kg	02.03.18 01:34	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	101		122		114		70-135	%	02.03.18 01:34
o-Terphenyl	106		118		122		70-135	%	02.03.18 01:34

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec



Trinity Oilfield Services & Rentals, LLC

FNR 26 1 CTB

Analytical Method: TPH By SW8015 Mod

Seq Number: 3040140

Parent Sample Id: 575033-005

Matrix: Soil

MS Sample Id: 575033-005 S

Prep Method: TX1005P

Date Prep: 02.02.18

MSD Sample Id: 575033-005 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<15.0	997	823	83	846	85	70-135	3	35	mg/kg	02.03.18 02:40	
Diesel Range Organics (DRO)	120	997	1010	89	1030	91	70-135	2	35	mg/kg	02.03.18 02:40	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	96		98		70-135	%	02.03.18 02:40
o-Terphenyl	98		80		70-135	%	02.03.18 02:40

Analytical Method: BTEX by EPA 8021B

Seq Number: 3040267

MB Sample Id: 7638660-1-BLK

Matrix: Solid

LCS Sample Id: 7638660-1-BKS

Prep Method: SW5030B

Date Prep: 02.05.18

LCSD Sample Id: 7638660-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.0998	0.0918	92	0.104	103	70-130	12	35	mg/kg	02.05.18 19:53	
Toluene	<0.00200	0.0998	0.0923	92	0.102	101	70-130	10	35	mg/kg	02.05.18 19:53	
Ethylbenzene	<0.00200	0.0998	0.103	103	0.108	107	71-129	5	35	mg/kg	02.05.18 19:53	
m,p-Xylenes	<0.00399	0.200	0.202	101	0.213	106	70-135	5	35	mg/kg	02.05.18 19:53	
o-Xylene	<0.00200	0.0998	0.101	101	0.107	106	71-133	6	35	mg/kg	02.05.18 19:53	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	91		93		94		80-120	%	02.05.18 19:53
4-Bromofluorobenzene	92		97		108		80-120	%	02.05.18 19:53

Analytical Method: BTEX by EPA 8021B

Seq Number: 3040267

Parent Sample Id: 575036-014

Matrix: Soil

MS Sample Id: 575036-014 S

Prep Method: SW5030B

Date Prep: 02.05.18

MSD Sample Id: 575036-014 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00199	0.0994	0.0758	76	0.0803	80	70-130	6	35	mg/kg	02.05.18 20:31	
Toluene	<0.00199	0.0994	0.0781	79	0.0852	85	70-130	9	35	mg/kg	02.05.18 20:31	
Ethylbenzene	<0.00199	0.0994	0.0875	88	0.0939	94	71-129	7	35	mg/kg	02.05.18 20:31	
m,p-Xylenes	<0.00398	0.199	0.172	86	0.182	91	70-135	6	35	mg/kg	02.05.18 20:31	
o-Xylene	<0.00199	0.0994	0.0870	88	0.0901	90	71-133	4	35	mg/kg	02.05.18 20:31	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	96		89		80-120	%	02.05.18 20:31
4-Bromofluorobenzene	107		103		80-120	%	02.05.18 20:31

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec



XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Trinity Oilfield Services & Rentals, LLC

Date/ Time Received: 01/30/2018 02:40:00 PM

Work Order #: 575034

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : R8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	-1.8
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seals intact on shipping container/ cooler?	N/A
#5 Custody Seals intact on sample bottles?	N/A
#6*Custody Seals Signed and dated?	N/A
#7 *Chain of Custody present?	Yes
#8 Any missing/extra samples?	No
#9 Chain of Custody signed when relinquished/ received?	Yes
#10 Chain of Custody agrees with sample labels/matrix?	Yes
#11 Container label(s) legible and intact?	Yes
#12 Samples in proper container/ bottle?	Yes
#13 Samples properly preserved?	Yes
#14 Sample container(s) intact?	Yes
#15 Sufficient sample amount for indicated test(s)?	Yes
#16 All samples received within hold time?	Yes
#17 Subcontract of sample(s)?	No
#18 Water VOC samples have zero headspace?	N/A

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

Checklist completed by: Connie Hernandez
 Connie Hernandez

Date: 01/31/2018

Checklist reviewed by: Holly Taylor
 Holly Taylor

Date: 02/01/2018



Certificate of Analysis Summary 578428

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: FNR 26 Fed 1 CTB

Project Id:
Contact: Ben Arguijo
Project Location: Hobbs

Date Received in Lab: Tue Mar-06-18 10:00 am
Report Date: 15-MAR-18
Project Manager: Holly Taylor

Analysis Requested	Lab Id:	578428-001	578428-002	578428-003	578428-004	578428-005	578428-006
	Field Id:	SP-3 @ 1'	SP-3 @ 2'	SP-3 @ 3'	SP-3 @ 4'	SP-6 @ 2'	SP-6 @ 3'
	Depth:						
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:	Mar-05-18 09:40	Mar-05-18 10:00	Mar-05-18 10:12	Mar-05-18 10:16	Mar-05-18 10:45	Mar-05-18 11:30
BTEX by EPA 8021B	Extracted:	Mar-14-18 08:00					
	Analyzed:	Mar-14-18 15:12	Mar-14-18 14:17	Mar-14-18 14:34	Mar-14-18 19:03	Mar-14-18 15:51	Mar-14-18 16:10
	Units/RL:	mg/kg RL					
	Benzene	<0.00364 0.00364	<0.00200 0.00200	<0.00201 0.00201	<0.00202 0.00202	<0.00199 0.00199	<0.00200 0.00200
Toluene	<0.00364 0.00364	<0.00200 0.00200	<0.00201 0.00201	<0.00202 0.00202	<0.00199 0.00199	<0.00200 0.00200	
Ethylbenzene	<0.00364 0.00364	<0.00200 0.00200	<0.00201 0.00201	<0.00202 0.00202	<0.00199 0.00199	<0.00200 0.00200	
m,p-Xylenes	<0.00727 0.00727	<0.00399 0.00399	<0.00402 0.00402	<0.00403 0.00403	<0.00398 0.00398	<0.00399 0.00399	
o-Xylene	<0.00364 0.00364	<0.00200 0.00200	<0.00201 0.00201	<0.00202 0.00202	<0.00199 0.00199	<0.00200 0.00200	
Total Xylenes	<0.00364 0.00364	<0.00200 0.00200	<0.00201 0.00201	<0.00202 0.00202	<0.00199 0.00199	<0.00200 0.00200	
Total BTEX	<0.00364 0.00364	<0.00200 0.00200	<0.00201 0.00201	<0.00202 0.00202	<0.00199 0.00199	<0.00200 0.00200	
Chloride by EPA 300	Extracted:	Mar-12-18 11:40					
	Analyzed:	Mar-13-18 05:39	Mar-13-18 06:06	Mar-13-18 06:15	Mar-13-18 06:23	Mar-13-18 06:32	Mar-13-18 06:41
	Units/RL:	mg/kg RL					
Chloride	21.7 4.96	234 4.99	53.3 4.94	16.7 5.00	16.4 4.95	34.8 4.94	
TPH By SW8015 Mod	Extracted:	Mar-10-18 10:00					
	Analyzed:	Mar-11-18 03:30	Mar-11-18 03:50	Mar-11-18 04:48	Mar-11-18 05:08	Mar-11-18 05:27	Mar-11-18 05:46
	Units/RL:	mg/kg RL					
	Gasoline Range Hydrocarbons (GRO)	<15.0 15.0	<15.0 15.0	<15.0 15.0	<15.0 15.0	<15.0 15.0	<15.0 15.0
Diesel Range Organics (DRO)	<15.0 15.0	<15.0 15.0	<15.0 15.0	<15.0 15.0	<15.0 15.0	27.5 15.0	
Oil Range Hydrocarbons (ORO)	<15.0 15.0	<15.0 15.0	<15.0 15.0	<15.0 15.0	<15.0 15.0	<15.0 15.0	
Total TPH	<15.0 15.0	<15.0 15.0	<15.0 15.0	<15.0 15.0	<15.0 15.0	27.5 15.0	

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

Holly Taylor
Project Manager

Analytical Report 578428
for
Trinity Oilfield Services & Rentals, LLC

Project Manager: Ben Arguijo

FNR 26 Fed 1 CTB

15-MAR-18

Collected By: Client



1211 W. Florida Ave, Midland TX 79701

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-18-24), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2017-142)

Xenco-Dallas (EPA Lab code: TX01468):
Texas (T104704295-17-16), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab code: TX00127): Texas (T104704221-17-12)
Xenco-Lubbock (EPA Lab code: TX00139): Texas (T104704219-17-16)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-18-14)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-17-3)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco-Atlanta (LELAP Lab ID #04176)



15-MAR-18

Project Manager: **Ben Arguijo**
Trinity Oilfield Services & Rentals, LLC
PO BOX 2587
Hobbs, NM 88241

Reference: XENCO Report No(s): **578428**
FNR 26 Fed 1 CTB
Project Address: Hobbs

Ben Arguijo:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 578428. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 578428 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Holly Taylor
Project Manager

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Houston - Dallas - Midland - San Antonio - Phoenix - Oklahoma - Latin America



Sample Cross Reference 578428

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 Fed 1 CTB

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SP-3 @ 1'	S	03-05-18 09:40		578428-001
SP-3 @ 2'	S	03-05-18 10:00		578428-002
SP-3 @ 3'	S	03-05-18 10:12		578428-003
SP-3 @ 4'	S	03-05-18 10:16		578428-004
SP-6 @ 2'	S	03-05-18 10:45		578428-005
SP-6 @ 3'	S	03-05-18 11:30		578428-006



CASE NARRATIVE

Client Name: Trinity Oilfield Services & Rentals, LLC

Project Name: FNR 26 Fed 1 CTB

Project ID:
Work Order Number(s): 578428

Report Date: 15-MAR-18
Date Received: 03/06/2018

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3043702 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030.



Certificate of Analytical Results 578428



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 Fed 1 CTB

Sample Id: **SP-3 @ 1'** Matrix: Soil Date Received: 03.06.18 10.00
 Lab Sample Id: 578428-001 Date Collected: 03.05.18 09.40
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: OJS % Moisture:
 Analyst: OJS Date Prep: 03.12.18 11.40 Basis: Wet Weight
 Seq Number: 3043530

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	21.7	4.96	mg/kg	03.13.18 05.39		1

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 03.10.18 10.00 Basis: Wet Weight
 Seq Number: 3043412

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	03.11.18 03.30	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	03.11.18 03.30	U	1
Oil Range Hydrocarbons (ORO)	PHCG2835	<15.0	15.0	mg/kg	03.11.18 03.30	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	03.11.18 03.30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-135	03.11.18 03.30	
o-Terphenyl	84-15-1	96	%	70-135	03.11.18 03.30	



Certificate of Analytical Results 578428

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 Fed 1 CTB

Sample Id: **SP-3 @ 1'** Matrix: Soil Date Received: 03.06.18 10.00
 Lab Sample Id: 578428-001 Date Collected: 03.05.18 09.40
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B
 Tech: ALJ % Moisture:
 Analyst: ALJ Date Prep: 03.14.18 08.00 Basis: Wet Weight
 Seq Number: 3043702

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00364	0.00364	mg/kg	03.14.18 15.12	U	1
Toluene	108-88-3	<0.00364	0.00364	mg/kg	03.14.18 15.12	U	1
Ethylbenzene	100-41-4	<0.00364	0.00364	mg/kg	03.14.18 15.12	U	1
m,p-Xylenes	179601-23-1	<0.00727	0.00727	mg/kg	03.14.18 15.12	U	1
o-Xylene	95-47-6	<0.00364	0.00364	mg/kg	03.14.18 15.12	U	1
Total Xylenes	1330-20-7	<0.00364	0.00364	mg/kg	03.14.18 15.12	U	1
Total BTEX		<0.00364	0.00364	mg/kg	03.14.18 15.12	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	106	%	70-130	03.14.18 15.12		
1,4-Difluorobenzene	540-36-3	77	%	70-130	03.14.18 15.12		



Certificate of Analytical Results 578428



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 Fed 1 CTB

Sample Id: **SP-3 @ 2'** Matrix: Soil Date Received: 03.06.18 10.00
 Lab Sample Id: 578428-002 Date Collected: 03.05.18 10.00
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: OJS % Moisture:
 Analyst: OJS Date Prep: 03.12.18 11.40 Basis: Wet Weight
 Seq Number: 3043530

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	234	4.99	mg/kg	03.13.18 06.06		1

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 03.10.18 10.00 Basis: Wet Weight
 Seq Number: 3043412

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	03.11.18 03.50	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	03.11.18 03.50	U	1
Oil Range Hydrocarbons (ORO)	PHCG2835	<15.0	15.0	mg/kg	03.11.18 03.50	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	03.11.18 03.50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	81	%	70-135	03.11.18 03.50	
o-Terphenyl	84-15-1	84	%	70-135	03.11.18 03.50	



Certificate of Analytical Results 578428

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 Fed 1 CTB

Sample Id: **SP-3 @ 2'** Matrix: Soil Date Received: 03.06.18 10.00
 Lab Sample Id: 578428-002 Date Collected: 03.05.18 10.00
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B
 Tech: ALJ % Moisture:
 Analyst: ALJ Date Prep: 03.14.18 08.00 Basis: Wet Weight
 Seq Number: 3043702

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.14.18 14.17	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.14.18 14.17	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.14.18 14.17	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	03.14.18 14.17	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.14.18 14.17	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.14.18 14.17	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.14.18 14.17	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	81	%	70-130	03.14.18 14.17		
4-Bromofluorobenzene	460-00-4	111	%	70-130	03.14.18 14.17		



Certificate of Analytical Results 578428



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 Fed 1 CTB

Sample Id: **SP-3 @ 3'** Matrix: Soil Date Received: 03.06.18 10.00
 Lab Sample Id: 578428-003 Date Collected: 03.05.18 10.12
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: OJS % Moisture:
 Analyst: OJS Date Prep: 03.12.18 11.40 Basis: Wet Weight
 Seq Number: 3043530

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	53.3	4.94	mg/kg	03.13.18 06.15		1

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 03.10.18 10.00 Basis: Wet Weight
 Seq Number: 3043412

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	03.11.18 04.48	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	03.11.18 04.48	U	1
Oil Range Hydrocarbons (ORO)	PHCG2835	<15.0	15.0	mg/kg	03.11.18 04.48	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	03.11.18 04.48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-135	03.11.18 04.48	
o-Terphenyl	84-15-1	98	%	70-135	03.11.18 04.48	



Certificate of Analytical Results 578428



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 Fed 1 CTB

Sample Id: **SP-3 @ 3'**
 Lab Sample Id: 578428-003

Matrix: Soil
 Date Collected: 03.05.18 10.12

Date Received: 03.06.18 10.00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

% Moisture:

Analyst: ALJ

Date Prep: 03.14.18 08.00

Basis: Wet Weight

Seq Number: 3043702

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	03.14.18 14.34	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	03.14.18 14.34	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	03.14.18 14.34	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	03.14.18 14.34	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	03.14.18 14.34	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	03.14.18 14.34	U	1
Total BTEX		<0.00201	0.00201	mg/kg	03.14.18 14.34	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	117	%	70-130	03.14.18 14.34		
1,4-Difluorobenzene	540-36-3	82	%	70-130	03.14.18 14.34		



Certificate of Analytical Results 578428



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 Fed 1 CTB

Sample Id: **SP-3 @ 4'** Matrix: Soil Date Received: 03.06.18 10.00
 Lab Sample Id: 578428-004 Date Collected: 03.05.18 10.16
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: OJS % Moisture:
 Analyst: OJS Date Prep: 03.12.18 11.40 Basis: Wet Weight
 Seq Number: 3043530

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	16.7	5.00	mg/kg	03.13.18 06.23		1

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 03.10.18 10.00 Basis: Wet Weight
 Seq Number: 3043412

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	03.11.18 05.08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	03.11.18 05.08	U	1
Oil Range Hydrocarbons (ORO)	PHCG2835	<15.0	15.0	mg/kg	03.11.18 05.08	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	03.11.18 05.08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-135	03.11.18 05.08	
o-Terphenyl	84-15-1	89	%	70-135	03.11.18 05.08	



Certificate of Analytical Results 578428

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 Fed 1 CTB

Sample Id: **SP-3 @ 4'** Matrix: Soil Date Received: 03.06.18 10.00
 Lab Sample Id: 578428-004 Date Collected: 03.05.18 10.16
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B
 Tech: ALJ % Moisture:
 Analyst: ALJ Date Prep: 03.14.18 08.00 Basis: Wet Weight
 Seq Number: 3043702

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	03.14.18 19.03	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	03.14.18 19.03	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	03.14.18 19.03	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	03.14.18 19.03	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	03.14.18 19.03	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	03.14.18 19.03	U	1
Total BTEX		<0.00202	0.00202	mg/kg	03.14.18 19.03	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	110	%	70-130	03.14.18 19.03		
1,4-Difluorobenzene	540-36-3	90	%	70-130	03.14.18 19.03		



Certificate of Analytical Results 578428



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 Fed 1 CTB

Sample Id: **SP-6 @ 2'** Matrix: Soil Date Received: 03.06.18 10.00
 Lab Sample Id: 578428-005 Date Collected: 03.05.18 10.45
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: OJS % Moisture:
 Analyst: OJS Date Prep: 03.12.18 11.40 Basis: Wet Weight
 Seq Number: 3043530

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	16.4	4.95	mg/kg	03.13.18 06.32		1

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 03.10.18 10.00 Basis: Wet Weight
 Seq Number: 3043412

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	03.11.18 05.27	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	03.11.18 05.27	U	1
Oil Range Hydrocarbons (ORO)	PHCG2835	<15.0	15.0	mg/kg	03.11.18 05.27	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	03.11.18 05.27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-135	03.11.18 05.27	
o-Terphenyl	84-15-1	93	%	70-135	03.11.18 05.27	



Certificate of Analytical Results 578428



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 Fed 1 CTB

Sample Id: **SP-6 @ 2'** Matrix: Soil Date Received: 03.06.18 10.00
 Lab Sample Id: 578428-005 Date Collected: 03.05.18 10.45
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B
 Tech: ALJ % Moisture:
 Analyst: ALJ Date Prep: 03.14.18 08.00 Basis: Wet Weight
 Seq Number: 3043702

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.14.18 15.51	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.14.18 15.51	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.14.18 15.51	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.14.18 15.51	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.14.18 15.51	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.14.18 15.51	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.14.18 15.51	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	83	%	70-130	03.14.18 15.51		
4-Bromofluorobenzene	460-00-4	98	%	70-130	03.14.18 15.51		



Certificate of Analytical Results 578428



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 Fed 1 CTB

Sample Id: **SP-6 @ 3'** Matrix: Soil Date Received: 03.06.18 10.00
 Lab Sample Id: 578428-006 Date Collected: 03.05.18 11.30
 Analytical Method: Chloride by EPA 300 Prep Method: E300P
 Tech: OJS % Moisture:
 Analyst: OJS Date Prep: 03.12.18 11.40 Basis: Wet Weight
 Seq Number: 3043530

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	34.8	4.94	mg/kg	03.13.18 06.41		1

Analytical Method: TPH By SW8015 Mod Prep Method: TX1005P
 Tech: ARM % Moisture:
 Analyst: ARM Date Prep: 03.10.18 10.00 Basis: Wet Weight
 Seq Number: 3043412

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	03.11.18 05.46	U	1
Diesel Range Organics (DRO)	C10C28DRO	27.5	15.0	mg/kg	03.11.18 05.46		1
Oil Range Hydrocarbons (ORO)	PHCG2835	<15.0	15.0	mg/kg	03.11.18 05.46	U	1
Total TPH	PHC635	27.5	15.0	mg/kg	03.11.18 05.46		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-135	03.11.18 05.46	
o-Terphenyl	84-15-1	100	%	70-135	03.11.18 05.46	



Certificate of Analytical Results 578428

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

FNR 26 Fed 1 CTB

Sample Id: **SP-6 @ 3'** Matrix: Soil Date Received: 03.06.18 10.00
 Lab Sample Id: 578428-006 Date Collected: 03.05.18 11.30
 Analytical Method: BTEX by EPA 8021B Prep Method: SW5030B
 Tech: ALJ % Moisture:
 Analyst: ALJ Date Prep: 03.14.18 08.00 Basis: Wet Weight
 Seq Number: 3043702

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.14.18 16.10	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.14.18 16.10	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.14.18 16.10	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	03.14.18 16.10	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.14.18 16.10	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.14.18 16.10	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.14.18 16.10	U	1
Surrogate	Cas Number	% Recovery		Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	82		%	70-130	03.14.18 16.10	
4-Bromofluorobenzene	460-00-4	104		%	70-130	03.14.18 16.10	



Trinity Oilfield Services & Rentals, LLC

FNR 26 Fed 1 CTB

Analytical Method: Chloride by EPA 300

Seq Number: 3043530

MB Sample Id: 7640599-1-BLK

Matrix: Solid

LCS Sample Id: 7640599-1-BKS

Prep Method: E300P

Date Prep: 03.12.18

LCSD Sample Id: 7640599-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	271	108	267	107	90-110	1	20	mg/kg	03.12.18 19:16	

Analytical Method: Chloride by EPA 300

Seq Number: 3043530

Parent Sample Id: 578121-001

Matrix: Soil

MS Sample Id: 578121-001 S

Prep Method: E300P

Date Prep: 03.12.18

MSD Sample Id: 578121-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	998	248	1180	73	1260	106	90-110	7	20	mg/kg	03.12.18 19:31	X

Analytical Method: Chloride by EPA 300

Seq Number: 3043530

Parent Sample Id: 578297-002

Matrix: Soil

MS Sample Id: 578297-002 S

Prep Method: E300P

Date Prep: 03.12.18

MSD Sample Id: 578297-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	242	97	257	103	90-110	6	20	mg/kg	03.13.18 05:13	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3043412

MB Sample Id: 7640552-1-BLK

Matrix: Solid

LCS Sample Id: 7640552-1-BKS

Prep Method: TX1005P

Date Prep: 03.10.18

LCSD Sample Id: 7640552-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<15.0	1000	1090	109	943	94	70-135	14	35	mg/kg	03.10.18 23:34	
Diesel Range Organics (DRO)	<15.0	1000	984	98	832	83	70-135	17	35	mg/kg	03.10.18 23:34	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	82		121		94		70-135	%	03.10.18 23:34
o-Terphenyl	88		111		87		70-135	%	03.10.18 23:34

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec



Trinity Oilfield Services & Rentals, LLC

FNR 26 Fed 1 CTB

Analytical Method: TPH By SW8015 Mod

Seq Number: 3043412

Parent Sample Id: 578596-005

Matrix: Soil

MS Sample Id: 578596-005 S

Prep Method: TX1005P

Date Prep: 03.10.18

MSD Sample Id: 578596-005 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD	Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<15.0	998	915	92	967	97	70-135	6	35		mg/kg	03.11.18 00:33	
Diesel Range Organics (DRO)	<15.0	998	800	80	839	84	70-135	5	35		mg/kg	03.11.18 00:33	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	100		112		70-135	%	03.11.18 00:33
o-Terphenyl	92		98		70-135	%	03.11.18 00:33

Analytical Method: BTEX by EPA 8021B

Seq Number: 3043702

MB Sample Id: 7640790-1-BLK

Matrix: Solid

LCS Sample Id: 7640790-1-BKS

Prep Method: SW5030B

Date Prep: 03.14.18

LCSD Sample Id: 7640790-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD	Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.104	104	0.105	105	70-130	1	35		mg/kg	03.14.18 07:10	
Toluene	<0.00200	0.100	0.112	112	0.112	112	70-130	0	35		mg/kg	03.14.18 07:10	
Ethylbenzene	<0.00200	0.100	0.128	128	0.129	129	70-130	1	35		mg/kg	03.14.18 07:10	
m,p-Xylenes	<0.00401	0.200	0.253	127	0.254	127	70-130	0	35		mg/kg	03.14.18 07:10	
o-Xylene	<0.00200	0.100	0.124	124	0.124	124	70-130	0	35		mg/kg	03.14.18 07:10	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	81		89		93		70-130	%	03.14.18 07:10
4-Bromofluorobenzene	104		123		119		70-130	%	03.14.18 07:10

Analytical Method: BTEX by EPA 8021B

Seq Number: 3043702

Parent Sample Id: 578599-002

Matrix: Soil

MS Sample Id: 578599-002 S

Prep Method: SW5030B

Date Prep: 03.14.18

MSD Sample Id: 578599-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD	Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0729	73	0.0868	87	70-130	17	35		mg/kg	03.14.18 13:00	
Toluene	<0.00200	0.100	0.0774	77	0.0917	92	70-130	17	35		mg/kg	03.14.18 13:00	
Ethylbenzene	<0.00200	0.100	0.0903	90	0.104	104	70-130	14	35		mg/kg	03.14.18 13:00	
m,p-Xylenes	<0.00400	0.200	0.179	90	0.205	103	70-130	14	35		mg/kg	03.14.18 13:00	
o-Xylene	<0.00200	0.100	0.0945	95	0.101	101	70-130	7	35		mg/kg	03.14.18 13:00	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	82		84		70-130	%	03.14.18 13:00
4-Bromofluorobenzene	112		119		70-130	%	03.14.18 13:00

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery

[D] = 100*(C-A) / B
RPD = 200* | (C-E) / (C+E) |
[D] = 100 * (C) / [B]

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec



CHAIN OF CUSTODY RECORD

Houston: 4143 Greenbriar Dr. Stafford, TX 77477 (281)240-4200 Odessa: 12600 West I-20 East Odessa, TX 79765 (432)563-1800

Page 1 of 1

LAB W.O #: 578428
Field billable Hrs :

*** Container Type Codes**

VA Vial Amber	ES Encore Sampler
VC Vial Clear	TS TerraCore Sampler
VP Vial Pre-preserved	AC Air Canister
GA Glass Amber	TB Tedlar Bag
GC Glass Clear	ZB Zip Lock Bag
PA Plastic Amber	PC Plastic Clear
PC Plastic Clear	
Other	

Size(s): 2oz, 4oz, 8oz, 16oz, 32oz, 1Gal
40ml, 125 ml, 250 ml, 500 ml, 1L, Other

Company: Trinity Oilfield Services & Rentals, LLC Phone: (575)390-7208
 Address: P.O. Box 2587 Fax:
 City: Hobbs State: NM Zip: 88241
 PM/Attn: Ben J. Arguijo Email: wade.dittrich@oxy.com & ben@trinityoilfieldservices.com
 Project ID: FNR 26 Fed 1 CTB PO#:
 Invoice To: Oxy - Wade Dittrich (575)390-2828 Quote #:

TAT Work Days = D Need results by: _____ Time: _____
 Std (5-7D) 5Hrs 1D 2D 3D 4D 5D 7D 10D 14D Other

ANALYSES REQUESTED

Cont Type * vc	GC	GC	GC															
Pres Type**																		
Example Volatiles by 8260	TPH 8015M	BTEX	Chloride															
# Cont	Lab Only:																	

**** Preservative Type Codes**

A. None	E. HCL	I. Ice
B. HNO3	F. MeOH	J. MCAA
H2SO4	G. Na2S2O8	K. ZnAc&NaOH
D. NaOH	H. NaHSO4	L. Asbc Acid&NaOH
O.		

Sampler Name: Tristan Payne
 Circle One Event: Daily Weekly Monthly Quarterly
 Semi-Annual Annual N/A

Sample #	Sample ID	Collect Date	Collect Time	Matrix Code ^	Field Filtered	Integrity OK (Y/N)	Total # of containers	Example Volatiles by 8260	# Cont	Lab Only:
1	SP-3 @ 1'	3/5/18	0940	S			1			X
2	SP-3 @ 2'	3/5/18	1000	S			1			X
3	SP-3 @ 3'	3/5/18	1012	S			1			X
4	SP-3 @ 4'	3/5/18	1016	S			1			X
5	SP-6 @ 2'	3/5/18	1045	S			1			X
6	SP-6 @ 3'	3/5/18	1130	S			1			X
7										
8										
9										
0										

Hold Sample (CALL on Highest TPH) Run PAH Only

See Remarks

^ Matrix Type Codes

GW Ground Water	S Soil/Sediment/Solid
WW Waste Water	W Wipe
DW Drinking Water	A Air
SW Surface Water	O Oil
OW Ocean/Sea Water	T Tissue
PL Product-Liquid	U Urine
PS Product-Solid	B Blood
SL Sludge	
Other	

REMARKS

Run BTEX if TPH <= 5,000

Temp: 3.1 IR ID:R-8
 CF:(0-6: -0.2°C)
 (6-23: +0.2°C)
 Corrected Temp: 2.9

Reg. Program / Clean-up Std		STATE for Certs & Regs		QA/QC Level & Certification		EDDs		COC & Labels		Coolers Temp °C		Lab Use Only							
CTLs	TRRP	DW	NPDES	LPST	DryChn	Other:	FL TX GA NC SC NJ PA OK LA AL NM Other:	1	2	3	4	5	6	7	8	9	10	11	12
Relinquished by		Affiliation		Date		Time		Received by		Affiliation		Date		Time		Received on Wet Ice?		Samples intact upon arrival?	
1		Trinity		3-6-18		10:00 am		Esperanza Gonzalez		Mail Services		3-6-18		10:00 am		Labeled with proper preservatives?		Received within holding time?	
2		Mail Services		3-6-18		3:12 pm		Conroy		3/7/18		11:00				Custody seals intact?		VOCs rec'd w/o headspace?	
3																Proper containers used?		pH verified-acceptable, excd VOCs?	
4																Received on time to meet HTs?			

X&A Laboratories: Hobbs 575-392-7550 Dallas 214-902-0300 Houston 281-242-4200 Odessa 432-563-1800 San Antonio 210-509-3334 Phoenix 602-437-0330
 TS Service Centers: Atlanta 770-449-8800 Lakeland 863-646-8526 Tampa 803-543-8099 Philadelphia 610-955-5649 South Carolina 803-543-8099

Execution of this document by client creates a legal and binding agreement between client and Xenco for analytical and testing services provided by Xenco to client under Xenco's standard terms and conditions unless previously agreed in writing. Terms of payment are Net 30 days, and all past due amounts shall accrue interest at 1.5% per month until paid in full. All laboratory analytical data and reports generated by Xenco remain the exclusive property of Xenco until invoices for such data are paid in full. Revision Date: Nov 12, 2009



Client: Trinity Oilfield Services & Rentals, LLC

Date/ Time Received: 03/06/2018 10:00:00 AM

Work Order #: 578428

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : R8

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	2	
#2 *Shipping container in good condition?	Yes	
#3 *Samples received on ice?	Yes	
#4 *Custody Seals intact on shipping container/ cooler?	N/A	
#5 Custody Seals intact on sample bottles?	N/A	
#6*Custody Seals Signed and dated?	N/A	
#7 *Chain of Custody present?	Yes	
#8 Any missing/extra samples?	No	
#9 Chain of Custody signed when relinquished/ received?	Yes	
#10 Chain of Custody agrees with sample labels/matrix?	Yes	
#11 Container label(s) legible and intact?	Yes	
#12 Samples in proper container/ bottle?	No	TPH received in bulk jars
#13 Samples properly preserved?	Yes	
#14 Sample container(s) intact?	Yes	
#15 Sufficient sample amount for indicated test(s)?	Yes	
#16 All samples received within hold time?	Yes	
#17 Subcontract of sample(s)?	No	
#18 Water VOC samples have zero headspace?	N/A	

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

Checklist completed by: Connie Hernandez
Connie Hernandez

Date: 03/07/2018

Checklist reviewed by: Holly Taylor
Holly Taylor

Date: 03/07/2018



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

March 22, 2024

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: FNR 26 FEDERAL #001

Enclosed are the results of analyses for samples received by the laboratory on 03/21/24 15:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-001.0-00.0-S (H241495-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2024	ND	2.22	111	2.00	3.45	
Toluene*	<0.050	0.050	03/21/2024	ND	2.17	109	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	2.13	106	2.00	3.80	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.18	103	6.00	3.88	QM-07
Total BTEX	<0.300	0.300	03/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	03/22/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	171	85.6	200	4.56	
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	177	88.3	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-002.0-00.0-S (H241495-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2024	ND	2.22	111	2.00	3.45	
Toluene*	<0.050	0.050	03/21/2024	ND	2.17	109	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	2.13	106	2.00	3.80	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.18	103	6.00	3.88	
Total BTEX	<0.300	0.300	03/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	03/22/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	171	85.6	200	4.56	
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	177	88.3	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-003.0-00.0-S (H241495-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2024	ND	2.22	111	2.00	3.45	
Toluene*	<0.050	0.050	03/21/2024	ND	2.17	109	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	2.13	106	2.00	3.80	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.18	103	6.00	3.88	
Total BTEX	<0.300	0.300	03/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	03/22/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	171	85.6	200	4.56	
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	177	88.3	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-004.0-00.0-S (H241495-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2024	ND	2.22	111	2.00	3.45	
Toluene*	<0.050	0.050	03/21/2024	ND	2.17	109	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	2.13	106	2.00	3.80	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.18	103	6.00	3.88	
Total BTEX	<0.300	0.300	03/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10500	16.0	03/22/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	171	85.6	200	4.56	
DRO >C10-C28*	28.1	10.0	03/21/2024	ND	177	88.3	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-005.0-00.0-S (H241495-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2024	ND	2.22	111	2.00	3.45	
Toluene*	<0.050	0.050	03/21/2024	ND	2.17	109	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	2.13	106	2.00	3.80	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.18	103	6.00	3.88	
Total BTEX	<0.300	0.300	03/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	03/22/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	171	85.6	200	4.56	
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	177	88.3	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-006.0-00.0-S (H241495-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/21/2024	ND	2.22	111	2.00	3.45		
Toluene*	<0.050	0.050	03/21/2024	ND	2.17	109	2.00	3.45		
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	2.13	106	2.00	3.80		
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.18	103	6.00	3.88		
Total BTEX	<0.300	0.300	03/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/22/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	171	85.6	200	4.56		
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	177	88.3	200	2.31		
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND						

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-007.0-00.0-S (H241495-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2024	ND	2.22	111	2.00	3.45	
Toluene*	<0.050	0.050	03/21/2024	ND	2.17	109	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	2.13	106	2.00	3.80	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.18	103	6.00	3.88	
Total BTEX	<0.300	0.300	03/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/22/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	171	85.6	200	4.56	
DRO >C10-C28*	30.2	10.0	03/21/2024	ND	177	88.3	200	2.31	
EXT DRO >C28-C36	20.2	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-008.0-00.0-S (H241495-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2024	ND	2.22	111	2.00	3.45	
Toluene*	<0.050	0.050	03/21/2024	ND	2.17	109	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	2.13	106	2.00	3.80	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.18	103	6.00	3.88	
Total BTEX	<0.300	0.300	03/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	03/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	171	85.6	200	4.56	
DRO >C10-C28*	123	10.0	03/21/2024	ND	177	88.3	200	2.31	
EXT DRO >C28-C36	49.1	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-009.0-00.0-S (H241495-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2024	ND	2.22	111	2.00	3.45	
Toluene*	<0.050	0.050	03/21/2024	ND	2.17	109	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	2.13	106	2.00	3.80	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.18	103	6.00	3.88	
Total BTEX	<0.300	0.300	03/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	03/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	171	85.6	200	4.56	
DRO >C10-C28*	141	10.0	03/21/2024	ND	177	88.3	200	2.31	
EXT DRO >C28-C36	53.4	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-010.0-00.0-S (H241495-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/21/2024	ND	2.22	111	2.00	3.45		
Toluene*	<0.050	0.050	03/21/2024	ND	2.17	109	2.00	3.45		
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	2.13	106	2.00	3.80		
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.18	103	6.00	3.88		
Total BTEX	<0.300	0.300	03/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	03/22/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	171	85.6	200	4.56		
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	177	88.3	200	2.31		
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-011.0-00.0-S (H241495-11)

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	03/21/2024	ND	2.22	111	2.00	3.45	
Toluene*	<0.050	0.050	03/21/2024	ND	2.17	109	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	2.13	106	2.00	3.80	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.18	103	6.00	3.88	
Total BTEX	<0.300	0.300	03/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	03/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	171	85.6	200	4.56	
DRO >C10-C28*	28.0	10.0	03/21/2024	ND	177	88.3	200	2.31	
EXT DRO >C28-C36	13.0	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-012.0-00.0-S (H241495-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2024	ND	2.22	111	2.00	3.45	
Toluene*	<0.050	0.050	03/21/2024	ND	2.17	109	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	2.13	106	2.00	3.80	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.18	103	6.00	3.88	
Total BTEX	<0.300	0.300	03/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	171	85.6	200	4.56	
DRO >C10-C28*	20.7	10.0	03/21/2024	ND	177	88.3	200	2.31	
EXT DRO >C28-C36	11.5	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-013.0-00.0-S (H241495-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2024	ND	2.22	111	2.00	3.45	
Toluene*	<0.050	0.050	03/21/2024	ND	2.17	109	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	2.13	106	2.00	3.80	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.18	103	6.00	3.88	
Total BTEX	<0.300	0.300	03/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	03/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	171	85.6	200	4.56	
DRO >C10-C28*	22.3	10.0	03/21/2024	ND	177	88.3	200	2.31	
EXT DRO >C28-C36	13.0	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-014.0-00.0-S (H241495-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2024	ND	2.22	111	2.00	3.45	
Toluene*	<0.050	0.050	03/21/2024	ND	2.17	109	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	2.13	106	2.00	3.80	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.18	103	6.00	3.88	
Total BTEX	<0.300	0.300	03/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	171	85.6	200	4.56	
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	177	88.3	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-015.0-00.0-S (H241495-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2024	ND	2.22	111	2.00	3.45	
Toluene*	<0.050	0.050	03/21/2024	ND	2.17	109	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	2.13	106	2.00	3.80	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.18	103	6.00	3.88	
Total BTEX	<0.300	0.300	03/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	03/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	171	85.6	200	4.56	
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	177	88.3	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-016.0-00.0-S (H241495-16)

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	03/21/2024	ND	2.22	111	2.00	3.45	
Toluene*	<0.050	0.050	03/21/2024	ND	2.17	109	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	2.13	106	2.00	3.80	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.18	103	6.00	3.88	
Total BTEX	<0.300	0.300	03/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	03/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	171	85.6	200	4.56	
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	177	88.3	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-017.0-00.0-S (H241495-17)

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	03/21/2024	ND	2.22	111	2.00	3.45	
Toluene*	<0.050	0.050	03/21/2024	ND	2.17	109	2.00	3.45	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	2.13	106	2.00	3.80	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.18	103	6.00	3.88	
Total BTEX	<0.300	0.300	03/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9600	16.0	03/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	171	85.6	200	4.56	
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	177	88.3	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-018.0-00.0-S (H241495-18)

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	03/21/2024	ND	2.22	111	2.00	3.45		
Toluene*	<0.050	0.050	03/21/2024	ND	2.17	109	2.00	3.45		
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	2.13	106	2.00	3.80		
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.18	103	6.00	3.88		
Total BTEX	<0.300	0.300	03/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8660	16.0	03/22/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	171	85.6	200	4.56		
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	177	88.3	200	2.31		
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND						

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-019.0-00.0-S (H241495-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/21/2024	ND	2.22	111	2.00	3.45		
Toluene*	<0.050	0.050	03/21/2024	ND	2.17	109	2.00	3.45		
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	2.13	106	2.00	3.80		
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.18	103	6.00	3.88		
Total BTEX	<0.300	0.300	03/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/22/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	171	85.6	200	4.56		
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	177	88.3	200	2.31		
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-020.0-00.0-S (H241495-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/21/2024	ND	2.22	111	2.00	3.45		
Toluene*	<0.050	0.050	03/21/2024	ND	2.17	109	2.00	3.45		
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	2.13	106	2.00	3.80		
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.18	103	6.00	3.88		
Total BTEX	<0.300	0.300	03/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/22/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/22/2024	ND	171	85.6	200	4.56		
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	177	88.3	200	2.31		
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-021.0-00.0-S (H241495-21)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2024	ND	1.90	95.0	2.00	2.14	
Toluene*	<0.050	0.050	03/21/2024	ND	2.02	101	2.00	2.20	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	1.98	99.1	2.00	1.87	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.04	101	6.00	1.84	
Total BTEX	<0.300	0.300	03/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	221	111	200	2.49	
DRO >C10-C28*	55.6	10.0	03/21/2024	ND	201	101	200	5.55	
EXT DRO >C28-C36	32.5	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-022.0-00.0-S (H241495-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2024	ND	1.90	95.0	2.00	2.14	
Toluene*	<0.050	0.050	03/21/2024	ND	2.02	101	2.00	2.20	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	1.98	99.1	2.00	1.87	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.04	101	6.00	1.84	
Total BTEX	<0.300	0.300	03/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	221	111	200	2.49	
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	201	101	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-023.0-00.0-S (H241495-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2024	ND	1.90	95.0	2.00	2.14	
Toluene*	<0.050	0.050	03/21/2024	ND	2.02	101	2.00	2.20	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	1.98	99.1	2.00	1.87	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.04	101	6.00	1.84	
Total BTEX	<0.300	0.300	03/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	03/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	221	111	200	2.49	
DRO >C10-C28*	102	10.0	03/21/2024	ND	201	101	200	5.55	
EXT DRO >C28-C36	38.8	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-024.0-00.0-S (H241495-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2024	ND	1.90	95.0	2.00	2.14	
Toluene*	<0.050	0.050	03/21/2024	ND	2.02	101	2.00	2.20	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	1.98	99.1	2.00	1.87	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.04	101	6.00	1.84	
Total BTEX	<0.300	0.300	03/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8130	16.0	03/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	221	111	200	2.49	
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	201	101	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-025.0-00.0-S (H241495-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2024	ND	1.90	95.0	2.00	2.14	
Toluene*	<0.050	0.050	03/21/2024	ND	2.02	101	2.00	2.20	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	1.98	99.1	2.00	1.87	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.04	101	6.00	1.84	
Total BTEX	<0.300	0.300	03/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11600	16.0	03/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	221	111	200	2.49		
DRO >C10-C28*	1050	10.0	03/21/2024	ND	201	101	200	5.55		
EXT DRO >C28-C36	258	10.0	03/21/2024	ND						

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 164 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-026.0-00.0-S (H241495-26)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/21/2024	ND	1.90	95.0	2.00	2.14		
Toluene*	<0.050	0.050	03/21/2024	ND	2.02	101	2.00	2.20		
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	1.98	99.1	2.00	1.87		
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.04	101	6.00	1.84		
Total BTEX	<0.300	0.300	03/21/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1800	16.0	03/22/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	221	111	200	2.49		
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	201	101	200	5.55		
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND						

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-027.0-00.0-S (H241495-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2024	ND	1.90	95.0	2.00	2.14	
Toluene*	<0.050	0.050	03/21/2024	ND	2.02	101	2.00	2.20	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	1.98	99.1	2.00	1.87	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.04	101	6.00	1.84	
Total BTEX	<0.300	0.300	03/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	221	111	200	2.49	
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	201	101	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 134 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-028.0-00.0-S (H241495-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2024	ND	1.90	95.0	2.00	2.14	
Toluene*	<0.050	0.050	03/21/2024	ND	2.02	101	2.00	2.20	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	1.98	99.1	2.00	1.87	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.04	101	6.00	1.84	
Total BTEX	<0.300	0.300	03/21/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/22/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	221	111	200	2.49	
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	201	101	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CW-001.0-00.0-S (H241495-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2024	ND	1.90	95.0	2.00	2.14	
Toluene*	<0.050	0.050	03/21/2024	ND	2.02	101	2.00	2.20	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	1.98	99.1	2.00	1.87	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.04	101	6.00	1.84	
Total BTEX	<0.300	0.300	03/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	03/22/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	221	111	200	2.49	
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	201	101	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: CW-002.0-00.0-S (H241495-30)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2024	ND	1.90	95.0	2.00	2.14	
Toluene*	<0.050	0.050	03/21/2024	ND	2.02	101	2.00	2.20	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	1.98	99.1	2.00	1.87	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.04	101	6.00	1.84	
Total BTEX	<0.300	0.300	03/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/22/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	221	111	200	2.49	
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	201	101	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: DH-001.0-01.0-S (H241495-31)

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	03/21/2024	ND	1.90	95.0	2.00	2.14	
Toluene*	<0.050	0.050	03/21/2024	ND	2.02	101	2.00	2.20	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	1.98	99.1	2.00	1.87	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.04	101	6.00	1.84	
Total BTEX	<0.300	0.300	03/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/22/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	221	111	200	2.49	
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	201	101	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: DH-002.0-01.0-P (H241495-32)

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	03/21/2024	ND	1.90	95.0	2.00	2.14	
Toluene*	<0.050	0.050	03/21/2024	ND	2.02	101	2.00	2.20	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	1.98	99.1	2.00	1.87	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.04	101	6.00	1.84	
Total BTEX	<0.300	0.300	03/21/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/22/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	221	111	200	2.49	
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	201	101	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: DH-003.0-01.0-P (H241495-33)

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	03/21/2024	ND	1.90	95.0	2.00	2.14	
Toluene*	<0.050	0.050	03/21/2024	ND	2.02	101	2.00	2.20	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	1.98	99.1	2.00	1.87	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.04	101	6.00	1.84	
Total BTEX	<0.300	0.300	03/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/22/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	221	111	200	2.49	
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	201	101	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/21/2024	Sampling Date:	03/21/2024
Reported:	03/22/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY CO NM		

Sample ID: DH-004.0-01.0-S (H241495-34)

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	03/21/2024	ND	1.90	95.0	2.00	2.14	
Toluene*	<0.050	0.050	03/21/2024	ND	2.02	101	2.00	2.20	
Ethylbenzene*	<0.050	0.050	03/21/2024	ND	1.98	99.1	2.00	1.87	
Total Xylenes*	<0.150	0.150	03/21/2024	ND	6.04	101	6.00	1.84	
Total BTEX	<0.300	0.300	03/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/22/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2024	ND	221	111	200	2.49	
DRO >C10-C28*	<10.0	10.0	03/21/2024	ND	201	101	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/21/2024	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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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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 Project Manager: Dan Dunkelberg Address: 8426 N Dal Paso City: Hobbs State: NM Zip: 88241 Phone #: _____ Fax #: _____ Project #: _____ Project Owner: (see below) Project Name: FNR 26 FEDERAL #001 Project Location: Eddy Co., NM Project Location: Eddy Co., NM Sample Name: GM		BILL TO P.O. #: _____ Company: OXY USA Inc. Attn: Wade Dierich Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY H241495 Lab I.D.		ANALYSIS REQUEST	
Sample I.D. CF-001.0-00.0-S CF-002.0-00.0-S CF-003.0-00.0-S CF-004.0-00.0-S CF-005.0-00.0-S CF-006.0-00.0-S CF-007.0-00.0-S CF-008.0-00.0-S CF-009.0-00.0-S CF-010.0-00.0-S	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE (COOL) OTHER :	MATRIX PRESERV. SAMPLING	DATE TIME Chloride TPH BTEX
Date: _____ Time: _____ Received By: _____ Relinquished By: _____	Date: _____ Time: _____ Received By: _____ Relinquished By: _____	Verbal Result: Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____	Standard <input checked="" type="checkbox"/> Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C _____ Corrected Temp. °C _____

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services		P.O. #:		ANALYSIS REQUEST	
Project Manager: Dan Dunkelberg		Company: OXY USA Inc.			
Address: 8426 N Dal Paso		Attn: Wade Dietrich			
City: Hobbs		State: NM Zip: 88241			
Phone #: _____		Project Owner: (see below)			
Project #: _____		City: _____			
Project Name: FNR 26 FEDERAL #001		State: _____			
Project Location: Eddy Co., NM		Zip: _____			
Sampler Name: GM		Phone #: _____			
Fax #: _____		Matrix:			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:					
11	CF-011.0-00.0-S	C 1	X							3/21/2024		X	X	
13	CF-012.0-00.0-S	C 1	X							3/21/2024		X	X	
14	CF-013.0-00.0-S	C 1	X							3/21/2024		X	X	
15	CF-014.0-00.0-S	C 1	X							3/21/2024		X	X	
16	CF-015.0-00.0-S	C 1	X							3/21/2024		X	X	
17	CF-016.0-00.0-S	C 1	X							3/21/2024		X	X	
18	CF-017.0-00.0-S	C 1	X							3/21/2024		X	X	
19	CF-018.0-00.0-S	C 1	X							3/21/2024		X	X	
20	CF-019.0-00.0-S	C 1	X							3/21/2024		X	X	
21	CF-020.0-00.0-S	C 1	X							3/21/2024		X	X	

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Relinquished By: _____	Date: 3-21-24	Received By: _____	Verbal Result: _____	Yes	No	Add'l Phone #: _____
Delivered By: (Circle One) UPS - Bus - Other: _____	Observed Temp. °C: 23.0	Corrected Temp. °C: _____	Turnaround Time: _____	Standard: <input checked="" type="checkbox"/> <input type="checkbox"/>		Bacteria (only) Sample Condition: Cool Intact <input checked="" type="checkbox"/> <input type="checkbox"/>
Sampler - UPS - Bus - Other: _____	Sample Condition: Cool Intact <input checked="" type="checkbox"/> <input type="checkbox"/>	CHECKED BY: (Initials) _____	Thermometer ID #140	Cool Intact <input checked="" type="checkbox"/> <input type="checkbox"/>		Observed Temp. °C: _____
t Cardinal cannot accept verbal changes. Please email changes to cely.keene@cardinallabsnm.com						



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Trinity Oilfield Services
 Project Manager: Dan Dunkelberg
 Address: 8426 N Dal Paso
 City: Hobbs
 State: NM Zip: 88241
 P.O. #: OXY USA Inc.
 Company: Wade Dittich
 Phone #: Altn:
 Project #: Project Owner: (see below)
 Project Name: FNR 26 FEDERAL #001 dan@trinityoilfieldservices.com
 Project Location: Eddy Co., NM
 State: Zip:
 City: Phone #:
 Sampler Name: GM
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
	DH-001.0-01.0-S	G 1	X							3/21/2024		X	X	
	DH-002.0-01.0-P	G 1	X							3/21/2024		X	X	
	DH-003.0-01.0-P	G 1	X							3/21/2024		X	X	
	DH-004.0-01.0-S	G 1	X							3/21/2024		X	X	

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Relinquished By: _____ Date: _____ Received By: _____ Date: _____
 Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: _____

Relinquished By: _____ Date: 3/21/24
 Received By: _____ Date: 3/21/24
 Turnaround Time: _____
 Standard Rush
 Bacteria (only) Sample Condition: Cool Intact Yes No Observed Temp. °C _____
 Corrected Temp. °C _____

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



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

March 28, 2024

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: FNR 26 FEDERAL #001

Enclosed are the results of analyses for samples received by the laboratory on 03/27/24 15:52.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/27/2024	Sampling Date:	03/27/2024
Reported:	03/28/2024	Sampling Type:	Soil
Project Name:	FNR 26 FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-025.0-02.0-S (H241609-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2024	ND	2.17	109	2.00	0.107	
Toluene*	<0.050	0.050	03/27/2024	ND	2.17	109	2.00	0.267	
Ethylbenzene*	<0.050	0.050	03/27/2024	ND	2.12	106	2.00	0.127	
Total Xylenes*	<0.150	0.150	03/27/2024	ND	6.38	106	6.00	0.0134	
Total BTEX	<0.300	0.300	03/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	03/28/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2024	ND	230	115	200	6.99	
DRO >C10-C28*	<10.0	10.0	03/27/2024	ND	232	116	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	03/27/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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(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. #: OXY USA Inc.

Address: 8426 N Dal Paso

Company: OXY USA Inc.

City: Hobbs

Attn: Wade Dierlich

State: NM Zip: 88241

Address:

Project #: FNR 26 FEDERAL #001

City:

Project Name: Eddy Co., NM

State: Zip:

Project Location: Eddy Co., NM

Phone #: Fax #:

Sampler Name: GM

Phone #: Fax #:

FOR LAB USE ONLY

MATRIX PRESERV. SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX
1	CF-025-0-02-0-S	C	1		X								3/27/2024		X	X	X

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Relinquished By: [Signature] Date: 3-27-24 Time: 15:52 Received By: [Signature] Date: 3/27/2024 Time: [Blank]

Delivered By: (Circle One) Observed Temp. °C: -5.1 Corrected Temp. °C: [Blank] Sample Condition: Cool Intact: Yes

Turnaround Time: Standard [X] Rush [Blank] Bacteria (only) Sample Condition: Cool Intact: Yes Observed Temp. °C: [Blank] Corrected Temp. °C: [Blank]

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

QUESTIONS

Action 325744

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 325744
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1803253192
Incident Name	NAB1803253192 FNR 26 FEDERAL #001 @ 30-015-30412
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-30412] FNR 26 FEDERAL #001

Location of Release Source

Please answer all the questions in this group.

Site Name	FNR 26 FEDERAL #001
Date Release Discovered	01/08/2018
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Equipment Failure Fitting Crude Oil Released: 4 BBL Recovered: 0 BBL Lost: 4 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Fitting Produced Water Released: 10 BBL Recovered: 0 BBL Lost: 10 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 325744

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 325744
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 04/02/2024
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QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 325744
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

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

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	16700
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	19300
GRO+DRO (EPA SW-846 Method 8015M)	17340
BTEX (EPA SW-846 Method 8021B or 8260B)	17
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	03/21/2024
On what date will (or did) the final sampling or liner inspection occur	03/21/2024
On what date will (or was) the remediation complete(d)	03/27/2024
What is the estimated surface area (in square feet) that will be reclaimed	5580
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	5580
What is the estimated volume (in cubic yards) that will be remediated	15

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

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

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QUESTIONS, Page 4

Action 325744

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 325744
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

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

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 04/03/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 325744

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 325744
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 325744

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 325744
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	325989
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/27/2024
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	5580
What was the total volume (cubic yards) remediated	15
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	5580
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Upon remediation closure approval, the excavated area will be backfilled with clean, like material.

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

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

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 04/03/2024
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QUESTIONS, Page 7

Action 325744

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 325744
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 325744

CONDITIONS

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

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation closure approved.	4/5/2024
amaxwell	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	4/5/2024