

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 Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NAPP2234043341
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party OXY USA, Inc.	OGRID 16696
Contact Name Wade Dittrich	Contact Telephone 575-390-2828
Contact email Wade_Dittrich@oxy.com	Incident # (assigned by OCD)
Contact mailing address P.O. Box 4294 Houston TX 77210	

Location of Release Source

Latitude 32.186148 Longitude -103.99134
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Cedar Canyon 28 4 CTB	Site Type
Date Release Discovered 12/05/2022	API# (if applicable)

Unit Letter	Section	Township	Range	County
K	28	24S	29E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 200	Volume Recovered (bbls) 200
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

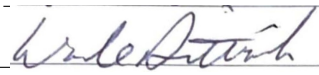
Cause of Release The release was caused when a 4" flexpipe ruptured.

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Per 19.15.29.7(A), a major release is an unauthorized release, excluding gasses, of 25 barrels or more.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, Wade Dittrich on 12/06/2022, to Enviro@emnrd.nm.gov & RosaM.Romero@emnrd.nm.gov via email.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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: <u>Wade Dittrich</u>	Title: <u>Environmental Coordinator</u>
Signature: <u></u>	Date: <u>03/03/2023</u>
email: <u>Wade_Dittrich@oxy.com</u>	Telephone: <u>575-390-2828</u>
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>03/03/2023</u>

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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	85' (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 checked="" type="checkbox"/> Yes <input 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

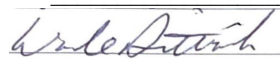
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, 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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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 DittrichTitle: Environmental CoordinatorSignature: Date: 03/03/2023email: Wade_Dittrich@oxy.comTelephone: 575-390-2828**OCD Only**Received by: Jocelyn HarimonDate: 03/03/2023

Incident ID	NAPP2234043341
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Application ID	

Remediation Plan

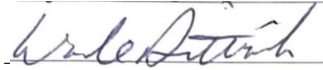
Remediation Plan Checklist: *Each of the following items must be included in the plan.*

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

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

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

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 03/03/2023
email: Wade_Dittrich@oxy.com Telephone: 575-390-2828

OCD Only

Received by: Jocelyn Harimon Date: 03/03/2023

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

Signature: _____ Date: _____

Trinity Oilfield Services & Rentals, LLC



March 3rd, 2023

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

Re: **Request for Approval of Work Plan**
Cedar Canyon 28 4 CTB
Tracking #: NAPP2234043341

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

Site Information	
Incident ID	NAPP2234043341
Site Name	Cedar Canyon 28 4 CTB
Company	OXY USA, Inc.
County	Eddy
ULSTR	K-28-24S-29E
GPS Coordinates (NAD 83)	32.186148,-103.99134
Landowner	Federal

RELEASE BACKGROUND

On 12/6/2022, OXY USA, Inc. reported a release at the Cedar Canyon 28 4 CTB. The release was caused when a 4" flexpipe ruptured. Approximately 59,177 sqft. of the Pad and Pasture was found to be damp upon initial inspection.

Release Information	
Date of Release	12/5/2022
Type of Release	Produced Water
Source of Release	Equipment Failure
Volume Released – Produced Water	200 bbls
Volume Recovered – Produced Water	200 bbls
Volume Released – Crude Oil	0 bbls
Volume Recovered – Crude Oil	0 bbls
Affected Area – Damp Soil	Pad and Pasture - Approximately 59,177 sqft.
Site Location Map	Attached

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

Data Source	Well Number	Data Date	Depth (ft.)
NM OSE	NA	NA	NA
USGS	NA	NA	NA
Soil Bore	SB-3	7/21/2015	85'

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

General Site Characterization:

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

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

Closure Criteria:

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

A reclamation standard of 600 mg/kg chloride and 100 mg/kg TPH will be 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 ASSESMENT AND REMEDIATION ACTIVITES**Initial Sample Activities:**

Delineation Summary	
Delineation Dates	1/10/2023 & 2/20/2023
Depths Sampled	0' – 15'
Delineation Map	Attached
Laboratory Results	Table 1

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

Confirmation Activities:

Remediation Proposal	
Remediation Dates	Within 90 Days of Approval
Liner Variance Request	Yes
Deferral Request	None
Proposed Depths Excavated	0.3" – 4'
Proposed Area of 5-point Confirmation Samples – Floors and Walls	400 sqft.
Estimated Total Volume of Excavated Soil	2,778 yards
Proposed Remediation Map	Attached

Impacted soil within the release margins will be excavated and temporarily stockpiled on-site on a 6-mil plastic sheeting, pending final disposition. The floors of the excavated area will be advanced until laboratory analytical results from confirmation soil samples indicate Chloride, Benzene, BTEX, and TPH concentrations are below the NMOCD Closure Criteria listed in the Table above, and all walls will be advanced to meet reclamation standard. Confirmation soil samples (five-point composites representing no more than of the excavated area) will be 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 will be transported under manifest to a NMOCD-approved disposal facility and the excavated area will be backfilled with locally sourced, non-impacted "like" material.

Liner Variance Request:

Trinity, on behalf of OXY USA, Inc., requests a variance per 19.15.29.14 NMAC to install an impermeable liner (20 mil plastic) into the excavation area. This variance is requested due to the safety concerns of a deeper excavation and the liner will be protective of further migration of the chloride impact. To the extent practicable, a liner will be installed at a minimum depth of four (4) feet and where the entire release is excavated vertically to a depth in which chlorides are less than 10,000 mg/kg and TPH is less than 100 mg/kg, whichever is lesser.

SITE RECLAMATION AND RESTORATION

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

REQUEST FOR CLOSURE

Supporting Documentation	
C-141, pages 3-5	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

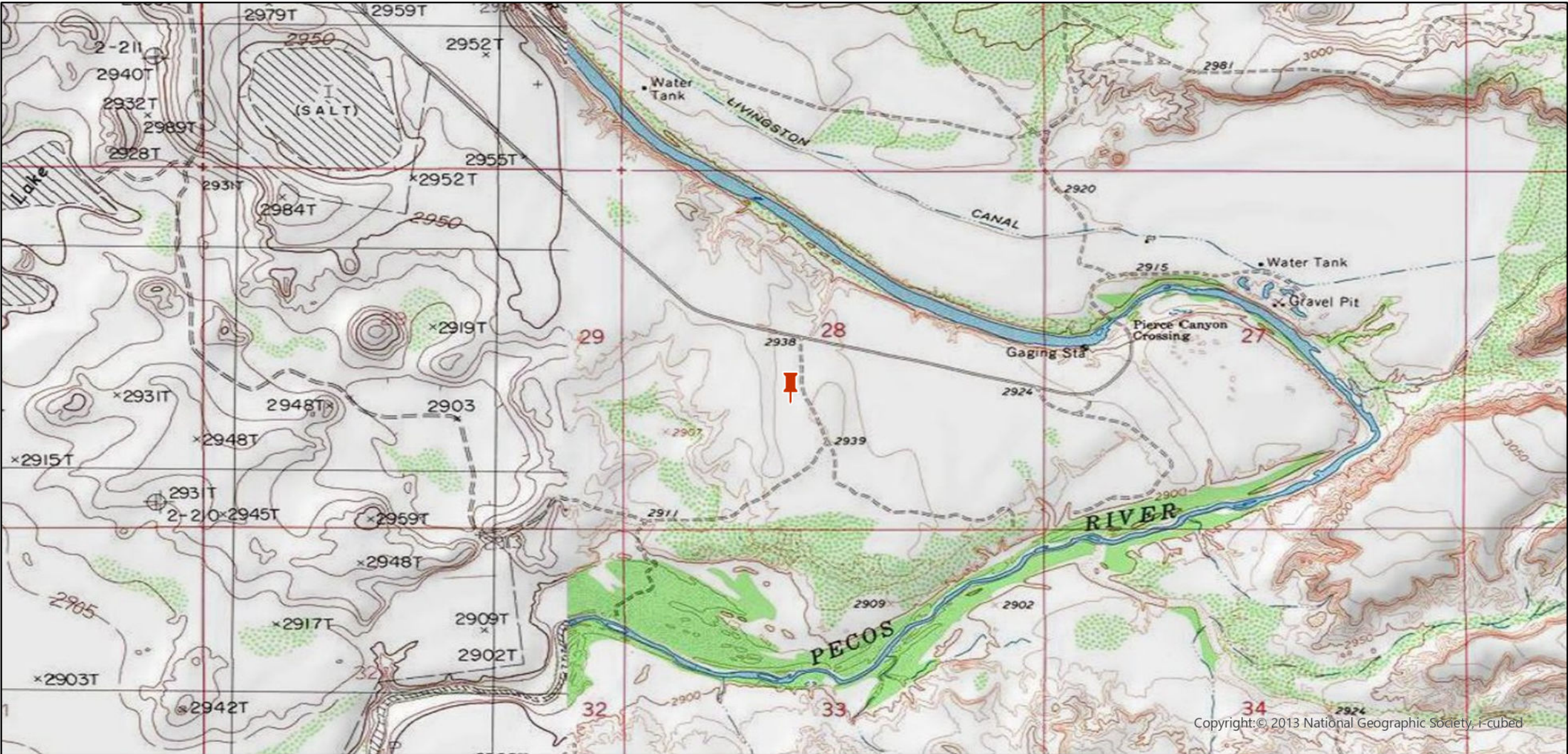
The corrective actions will be completed within 90 days of receipt of approval of this proposal by the NMOCD. Upon completion of the proposed tasks, a "Remediation Summary & Closure Request" will be submitted, documenting remediation activities and results of confirmation soil samples.

Trinity Oilfield Services respectfully requests that the New Mexico Oil Conservation Division grant approval for the detailed Remediation Work Plan.

Sincerely,

Dan Dunkelberg

Dan Dunkelberg
Project Manager

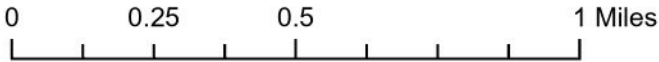


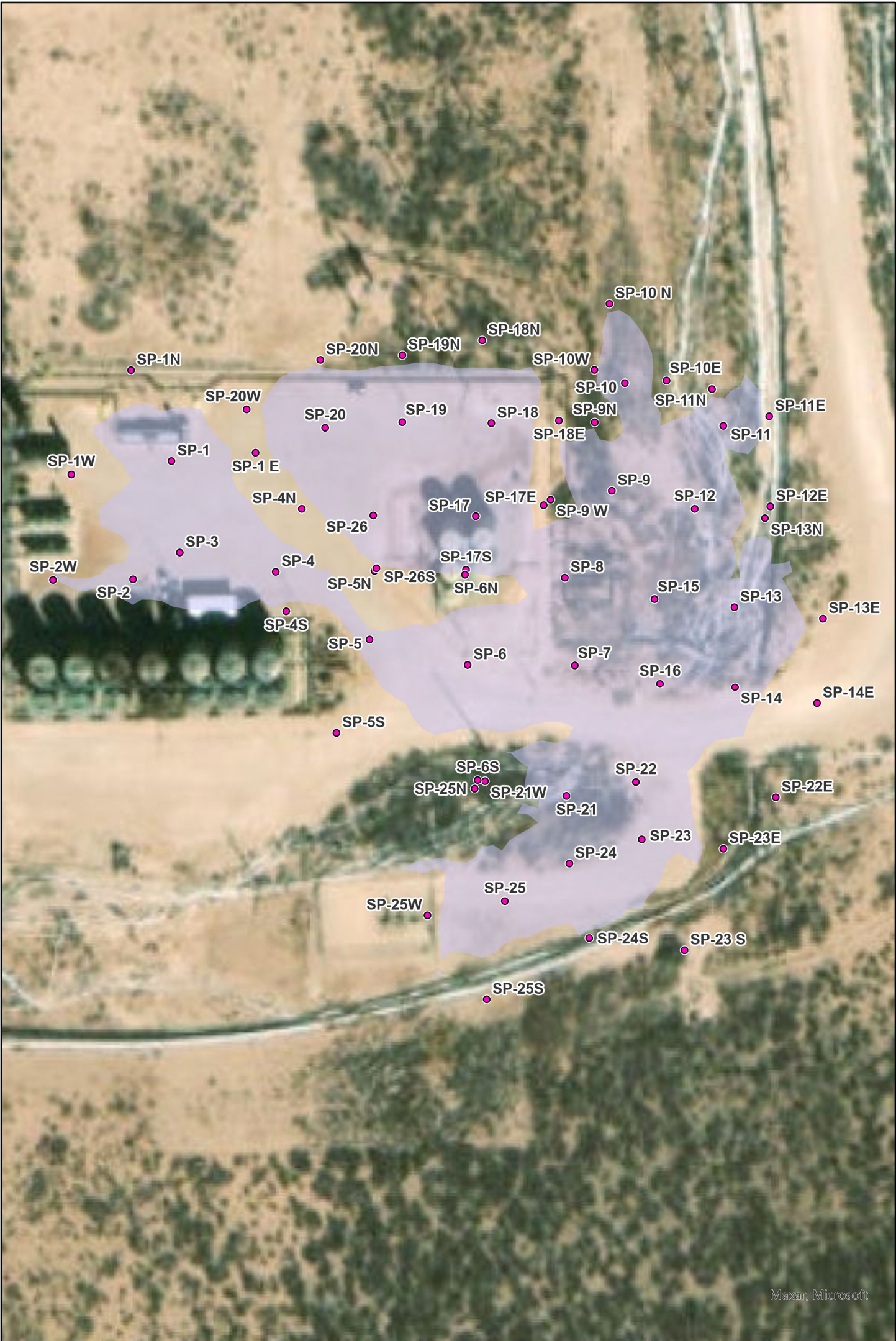
Legend:



Site Location

Site Location Map
Cedar Canyon 28 4 CTB
OXY USA, Inc.
32.186148, -103.991342
Eddy County, New Mexico
NMOCD Reference # NAPP2234043341





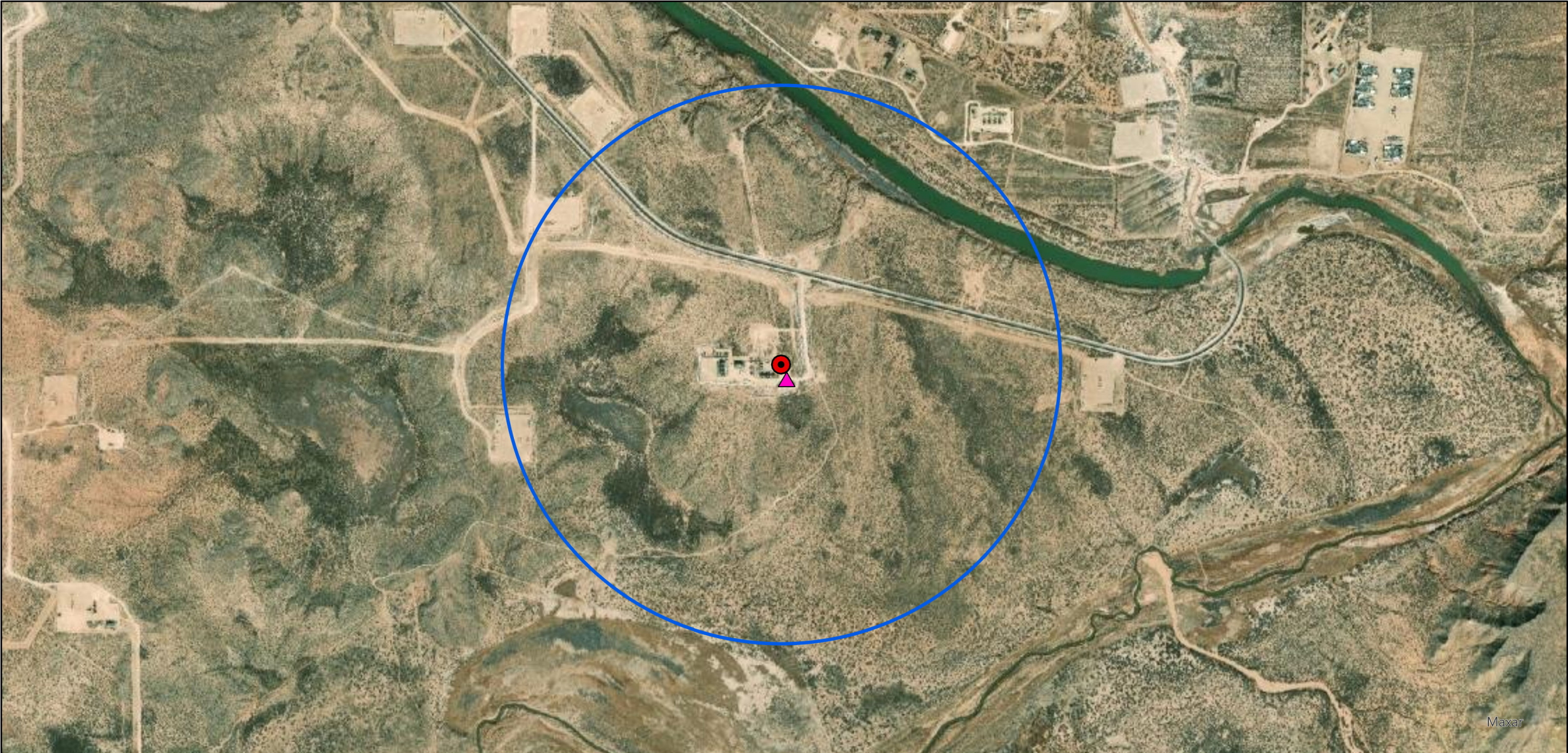
Legend:

- Sample Point
- Release Area

Delineation Map
OXY USA, Inc.
Cedar Canyon 28 4 CTB
32.186148, -103.99134
Eddy County, New Mexico
NMOCD Reference #
NAPP2234043341

0 35 70 140 Feet

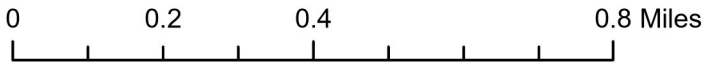




Legend:

- ▲ Site Location
- Soil Bore
- 1/2 Mile Buffer

Soil Bore Map
OXY USA, Inc.
Cedar Canyon 28 4 CTB
32.186148, -103.99134
Eddy County, New Mexico
NMOCD Reference # NAPP2234043341





WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER


www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER)				OSE FILE NUMBER(S)			
	SB-3							
	WELL OWNER NAME(S)				PHONE (OPTIONAL)			
	OXY Permian							
	WELL OWNER MAILING ADDRESS				CITY STATE ZIP			
1017 W. Stanolind Rd.				Hobbs NM 88240				
WELL LOCATION (FROM GPS)	DEGREES		MINUTES		SECONDS		* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84	
	LATITUDE		32 11 11.45		N			
	LONGITUDE		103 59 29.43		W			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE								
Cedar Canyon 28 Federal #4 CE State Battery								
2. DRILLING & CASING INFORMATION	LICENSE NUMBER		NAME OF LICENSED DRILLER			NAME OF WELL DRILLING COMPANY		
	WD-1456		John W. White			White Drilling Company, Inc.		
	DRILLING STARTED		DRILLING ENDED		DEPTH OF COMPLETED WELL (FT)		BORE HOLE DEPTH (FT)	
	07/21/2015		07/21/2015				85.0	
							DEPTH WATER FIRST ENCOUNTERED (FT)	
							Dry	
	COMPLETED WELL IS:		<input type="radio"/> ARTESIAN <input checked="" type="radio"/> DRY HOLE <input type="radio"/> SHALLOW (UNCONFINED)					
	DRILLING FLUID:		<input checked="" type="radio"/> AIR <input type="radio"/> MUD ADDITIVES - SPECIFY:					
	DRILLING METHOD:		<input type="radio"/> ROTARY <input type="radio"/> HAMMER <input type="radio"/> CABLE TOOL <input type="radio"/> OTHER - SPECIFY:					
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
FROM	TO							
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	85.0	0.0	6.0	Type 2 Portland Cement w/5% Portland Quick G	16.6855	Pump Mix w/tremie		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER	POD NUMBER	TRN NUMBER
LOCATION	PAGE 1 OF 2	

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0.0	5.0	5.0	Caliche	<input type="radio"/> Y <input checked="" type="radio"/> N	
	5.0	13.0	8.0	Brown sand w/gravel	<input type="radio"/> Y <input checked="" type="radio"/> N	
	13.0	16.0	3.0	Light brown limestone/sandstone	<input type="radio"/> Y <input checked="" type="radio"/> N	
	16.0	26.0	10.0	Reddish brown sand	<input type="radio"/> Y <input checked="" type="radio"/> N	
	26.0	37.5	11.5	Brown sand/sandstone w/reddish brown sand layers	<input type="radio"/> Y <input checked="" type="radio"/> N	
	37.5	39.0	1.5	Grayish brown sand/sandy clay	<input type="radio"/> Y <input checked="" type="radio"/> N	
	39.0	44.0	5.0	Molded grayish and reddish brown clayey sand	<input type="radio"/> Y <input checked="" type="radio"/> N	
	44.0	46.0	2.0	Reddish clay/sandy clay	<input type="radio"/> Y <input checked="" type="radio"/> N	
	46.0	51.0	5.0	Grayish and reddish sand/sandstone	<input type="radio"/> Y <input checked="" type="radio"/> N	
	51.0	59.0	8.0	Reddish sandstone	<input type="radio"/> Y <input checked="" type="radio"/> N	
	59.0	61.0	2.0	Blue/gray clay	<input type="radio"/> Y <input checked="" type="radio"/> N	
	61.0	71.0	10.0	Reddish and gray mixed sandstone	<input type="radio"/> Y <input checked="" type="radio"/> N	
	71.0	75.0	4.0	Reddish sandy clay	<input type="radio"/> Y <input checked="" type="radio"/> N	
	75.0	85.0	10.0	Brown, red and light brown sandstone	<input type="radio"/> Y <input checked="" type="radio"/> N	
					<input type="radio"/> Y <input checked="" type="radio"/> N	
					<input type="radio"/> Y <input checked="" type="radio"/> N	
					<input type="radio"/> Y <input checked="" type="radio"/> N	
					<input type="radio"/> Y <input checked="" type="radio"/> N	
					<input type="radio"/> Y <input checked="" type="radio"/> N	
					<input type="radio"/> Y <input checked="" type="radio"/> N	
					<input type="radio"/> Y <input checked="" type="radio"/> N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="radio"/> PUMP					TOTAL ESTIMATED	
<input type="radio"/> AIR LIFT <input type="radio"/> BAILER <input type="radio"/> OTHER - SPECIFY:					WELL YIELD (gpm):	
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION:					
	Chlorides present in soil					
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:					
	William B. Atkins					
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:					
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME				7/2/11 DATE	

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER

POD NUMBER

TRN NUMBER

LOCATION

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

OXY USA, Inc.
CEDAR CANYON 28 4 CTB
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2234043341



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							600	100	NE	NE	NE	NE	50	10
Delineation Special Circumstance, NMOCD Delineation Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
Vertical Delineation														
SP-001-00.0-V-S	0	1/10/2023	Vertical	On-Site	Grab	In-Situ	96.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-002-00.0-V-S	0	1/10/2023	Vertical	On-Site	Grab	In-Situ	144.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-003-00.0-V-S	0	1/10/2023	Vertical	On-Site	Grab	In-Situ	112.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-004-00.0-V-S	0	1/10/2023	Vertical	On-Site	Grab	In-Situ	128.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-005-00.0-V-S	0	1/10/2023	Vertical	On-Site	Grab	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-006-00.0-V-S	0	1/10/2023	Vertical	On-Site	Grab	Excavated	12400.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-006-04.0-V-S	4	1/10/2023	Vertical	On-Site	Grab	Excavated	864.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-006-12.0-V-S	12	1/10/2023	Vertical	On-Site	Grab	Excavated	1800.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-006-15.0-V-S	15	2/20/2023	Vertical	On-Site	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-007-00.0-V-P	0	1/10/2023	Vertical	Off-Site	Grab	In-Situ	112.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-008-00.0-V-P	0	1/10/2023	Vertical	Off-Site	Grab	Excavated	26000.0	8559.7	7299.7	59.7	7240.0	1260.0	<0.300	<0.050
SP-008-04.0-V-P	4	1/10/2023	Vertical	Off-Site	Grab	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-009-00.0-V-P	0	1/10/2023	Vertical	Off-Site	Grab	Excavated	22800.0	743.0	589.0	<10.0	589.0	154.0	<0.300	<0.050
SP-009-04.0-V-P	4	1/10/2023	Vertical	Off-Site	Grab	In-Situ	64.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-010-00.0-V-P	0	1/10/2023	Vertical	Off-Site	Grab	Excavated	24800.0	1845.0	1490.0	<10.0	1490.0	355.0	<0.300	<0.050
SP-010-04.0-V-P	4	1/10/2023	Vertical	Off-Site	Grab	Excavated	96.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-010-06.0-V-P	6	1/10/2023	Vertical	Off-Site	Grab	In-Situ	144.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-011-00.0-V-P	0	1/10/2023	Vertical	Off-Site	Grab	Excavated	20000.0	37.0	37.0	<10.0	37.0	<10.0	<0.300	<0.050
SP-011-04.0-V-P	4	1/10/2023	Vertical	Off-Site	Grab	Excavated	176.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-011-06.0-V-P	6	1/10/2023	Vertical	Off-Site	Grab	In-Situ	112.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-012-00.0-V-P	0	1/10/2023	Vertical	Off-Site	Grab	Excavated	27200.0	28.6	28.6	<10.0	28.6	<10.0	<0.300	<0.050
SP-012-04.0-V-P	4	1/10/2023	Vertical	Off-Site	Grab	Excavated	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-012-06.0-V-P	6	1/10/2023	Vertical	Off-Site	Grab	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-013-00.0-V-P	0	1/10/2023	Vertical	Off-Site	Grab	Excavated	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-013-04.0-V-P	4	1/10/2023	Vertical	Off-Site	Grab	In-Situ	64.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-014-00.0-V-P	0	1/10/2023	Vertical	Off-Site	Grab	In-Situ	64.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-015-00.0-V-P	0	1/10/2023	Vertical	Off-Site	Grab	Excavated	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-015-04.0-V-P	4	1/10/2023	Vertical	Off-Site	Grab	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-016-00.0-V-P	0	1/10/2023	Vertical	Off-Site	Grab	In-Situ	112.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-017-00.0-V-S	0	1/10/2023	Vertical	On-Site	Grab	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050

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

OXY USA, Inc.
CEDAR CANYON 28 4 CTB
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2234043341



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							600	100	NE	NE	NE	NE	50	10
Delineation Special Circumstance, NMOCD Delineation Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
SP-018-00.0-V-S	0	1/10/2023	Vertical	On-Site	Grab	In-Situ	288.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-019-00.0-V-S	0	1/10/2023	Vertical	On-Site	Grab	Excavated	5200.0	46.7	36.5	<10.0	36.5	10.2	<0.300	<0.050
SP-019-01.0-V-S	1	2/20/2023	Vertical	On-Site	Grab	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-020-00.0-V-P	0	1/10/2023	Vertical	Off-Site	Grab	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-021-00.0-V-P	0	1/10/2023	Vertical	Off-Site	Grab	Excavated	31600.0	2067.0	1740.0	<10.0	1740.0	327.0	<0.300	<0.050
SP-021-02.0-V-P	2	1/10/2023	Vertical	Off-Site	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-022-00.0-V-P	0	1/10/2023	Vertical	Off-Site	Grab	In-Situ	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-023-00.0-V-P	0	1/10/2023	Vertical	Off-Site	Grab	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-024-00.0-V-P	0	1/10/2023	Vertical	Off-Site	Grab	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-025-00.0-V-P	0	1/10/2023	Vertical	Off-Site	Grab	Excavated	30400.0	2505.0	2120.0	<10.0	2120.0	385.0	<0.300	<0.050
SP-025-04.0-V-P	4	1/10/2023	Vertical	Off-Site	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-026-00.0-V-S	0	1/10/2023	Vertical	On-Site	Grab	In-Situ	64.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
Horizontal Delineation														
SP-001-01.0-HE-S	1	1/10/2023	Horizontal	On-Site	Grab	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-001-01.0-HN-S	1	1/10/2023	Horizontal	On-Site	Grab	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-001-01.0-HW-S	1	1/10/2023	Horizontal	On-Site	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-002-01.0-HW-S	1	1/10/2023	Horizontal	On-Site	Grab	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-004-01.0-HN-S	1	1/10/2023	Horizontal	On-Site	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-004-01.0-HS-S	1	1/10/2023	Horizontal	On-Site	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-005-01.0-HN-S	1	1/10/2023	Horizontal	On-Site	Grab	In-Situ	64.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-005-01.0-HS-S	1	1/10/2023	Horizontal	On-Site	Grab	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-006-01.0-HN-S	1	1/10/2023	Horizontal	On-Site	Grab	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-006-01.0-HS-S	1	1/10/2023	Horizontal	On-Site	Grab	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-009-01.0-HN-S	1	1/10/2023	Horizontal	On-Site	Grab	In-Situ	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-009-01.0-HW-S	1	1/10/2023	Horizontal	On-Site	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-010-01.0-HE-S	1	1/10/2023	Horizontal	On-Site	Grab	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-010-01.0-HN-S	1	1/10/2023	Horizontal	On-Site	Grab	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-010-01.0-HW-S	1	1/10/2023	Horizontal	On-Site	Grab	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-011-01.0-HE-S	1	1/10/2023	Horizontal	On-Site	Grab	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-011-01.0-HN-S	1	1/10/2023	Horizontal	On-Site	Grab	In-Situ	64.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-012-01.0-HE-P	1	1/10/2023	Horizontal	Off-Site	Grab	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050

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

OXY USA, Inc.
CEDAR CANYON 28 4 CTB
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2234043341



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							600	100	NE	NE	NE	NE	50	10
Delineation Special Circumstance, NMOCD Delineation Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
SP-013-01.0-HE-P	1	1/10/2023	Horizontal	Off-Site	Grab	In-Situ	64.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-013-01.0-HN-P	1	1/10/2023	Horizontal	Off-Site	Grab	In-Situ	64.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-014-01.0-HE-P	1	1/10/2023	Horizontal	Off-Site	Grab	In-Situ	32.0	875.6	777.9	22.9	755.0	97.7	0.761	<0.050
SP-014-01.0-HE-S	1	2/20/2023	Horizontal	Off-Site	Grab	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-017-01.0-HE-P	1	1/10/2023	Horizontal	Off-Site	Grab	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-017-01.0-HS-P	1	1/10/2023	Horizontal	Off-Site	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-018-01.0-HE-P	1	1/10/2023	Horizontal	Off-Site	Grab	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-018-01.0-HN-P	1	1/10/2023	Horizontal	Off-Site	Grab	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-019-01.0-HN-P	1	1/10/2023	Horizontal	Off-Site	Grab	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-020-01.0-HN-P	1	1/10/2023	Horizontal	Off-Site	Grab	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-020-01.0-HW-S	1	1/10/2023	Horizontal	On-Site	Grab	In-Situ	992.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-020-01.0-HW-S	1	2/20/2023	Horizontal	On-Site	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-021-01.0-HW-P	1	1/10/2023	Horizontal	Off-Site	Grab	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-022-01.0-HE-P	1	1/10/2023	Horizontal	Off-Site	Grab	In-Situ	32.0	1299.0	1104.0	44.0	1060.0	195.0	0.786	<0.050
SP-022-01.0-HE-P	1	2/20/2023	Horizontal	Off-Site	Grab	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-023-01.0-HE-P	1	1/10/2023	Horizontal	Off-Site	Grab	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-023-01.0-HS-P	1	1/10/2023	Horizontal	Off-Site	Grab	In-Situ	32.0	1011.7	860.7	37.7	823.0	151.0	0.889	<0.050
SP-023-01.0-HS-P	1	2/20/2023	Horizontal	Off-Site	Grab	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-024-01.0-HS-P	1	1/10/2023	Horizontal	Off-Site	Grab	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-025-01.0-HN-P	1	1/10/2023	Horizontal	Off-Site	Grab	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-025-01.0-HS-P	1	1/10/2023	Horizontal	Off-Site	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-025-01.0-HW-P	1	1/10/2023	Horizontal	Off-Site	Grab	In-Situ	32.0	27.6	27.6	<10.0	27.6	<10.0	<0.300	<0.050
SP-026-01.0-HS-S	1	1/10/2023	Horizontal	On-Site	Grab	In-Situ	48.0	897.6	762.6	28.6	734.0	135.0	1.17	<0.050
SP-026-01.0-HS-S	1	2/20/2023	Horizontal	On-Site	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050



Initial Delineation

Pasture:



Pasture:





Initial Delineation

Pasture:



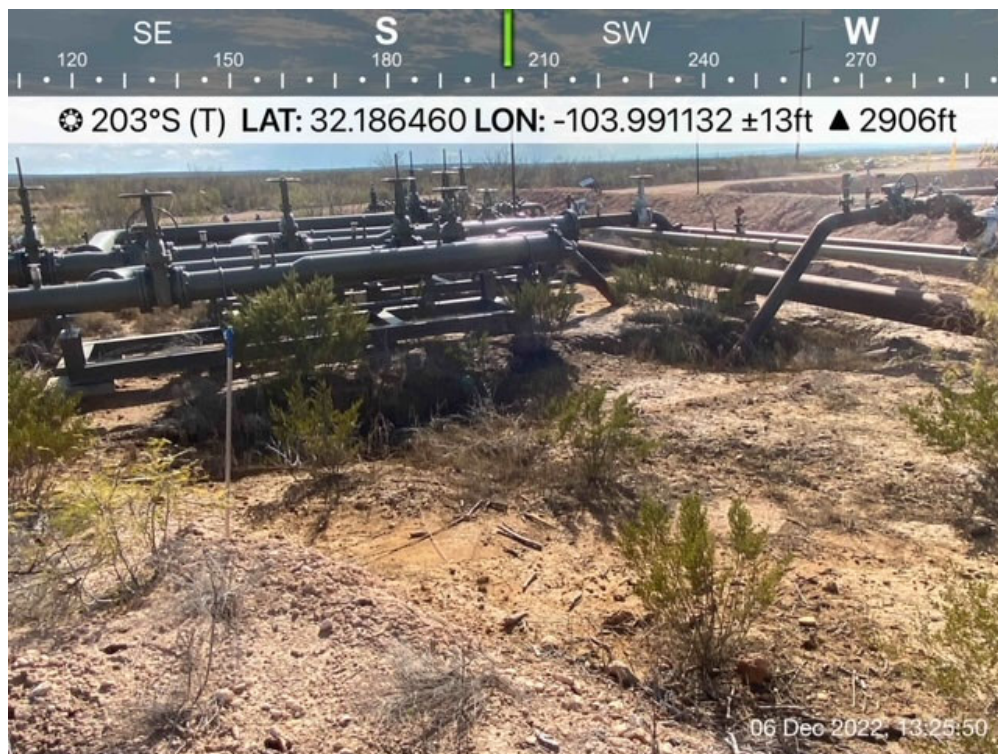
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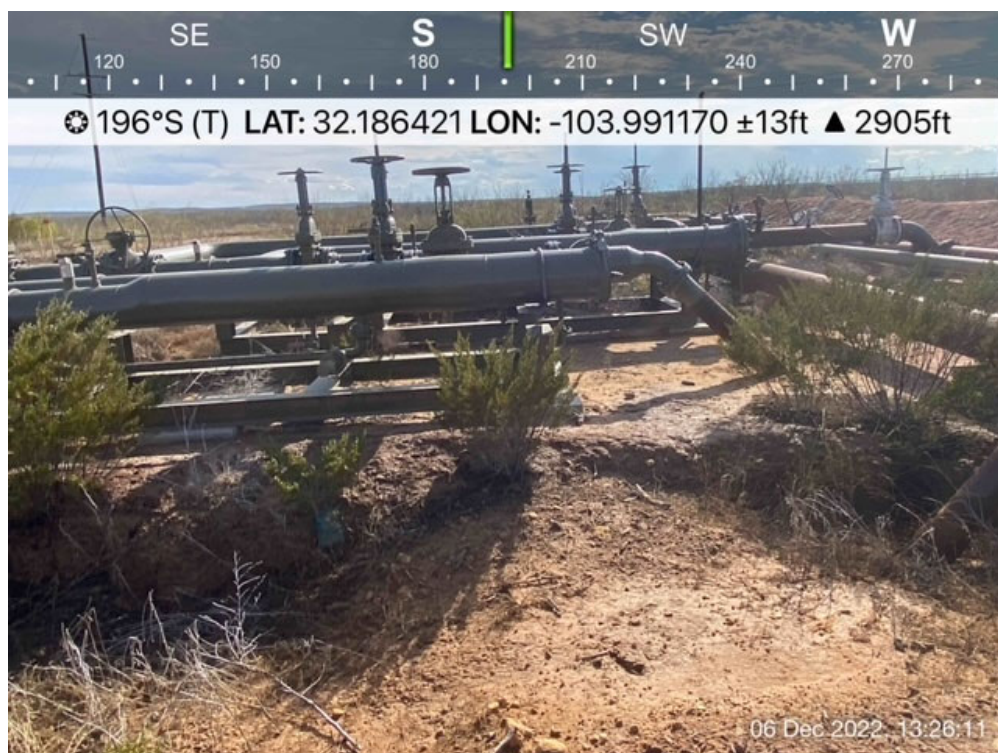


Initial Delineation

Pasture:



Pasture:





Initial Delineation

Pasture:



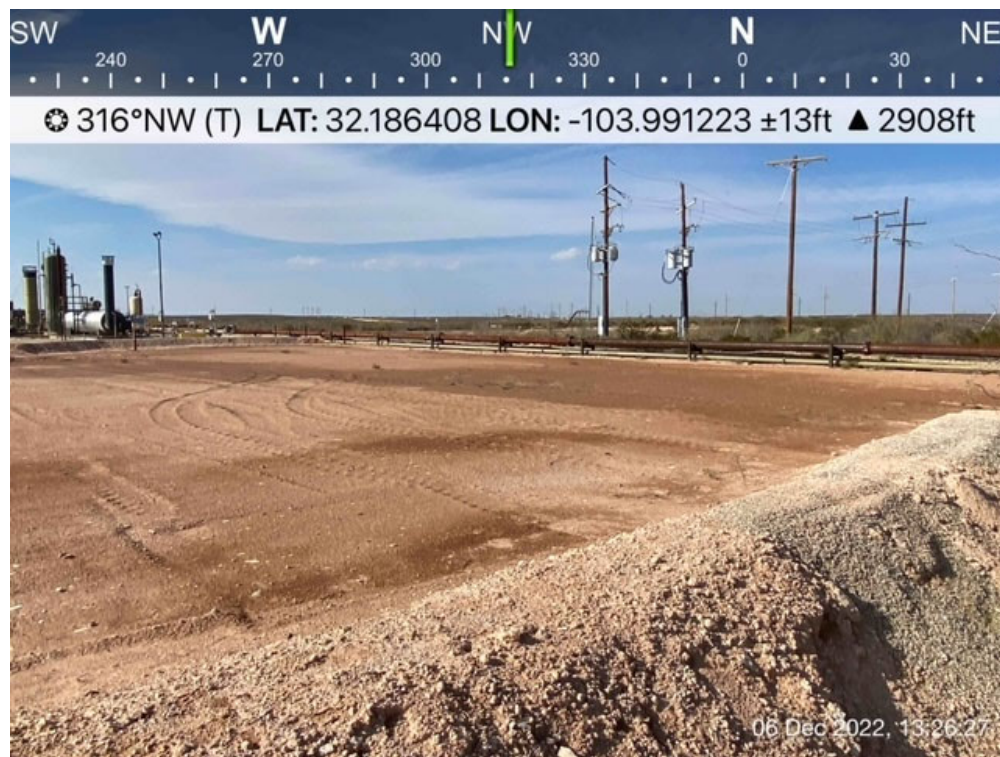
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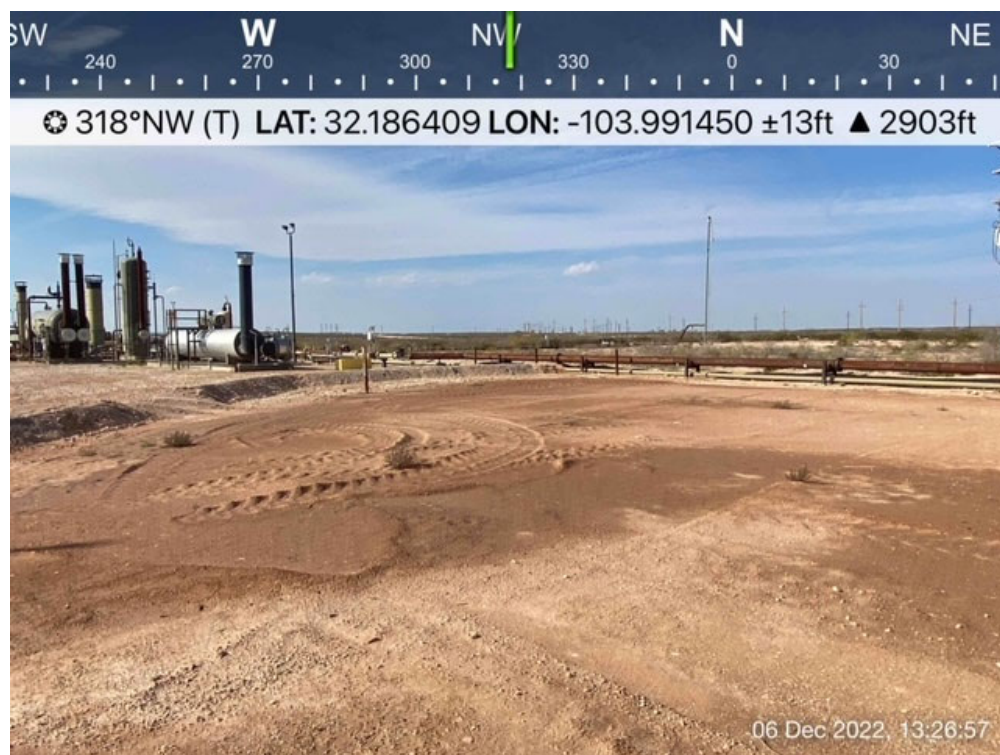


Initial Delineation

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Initial Delineation

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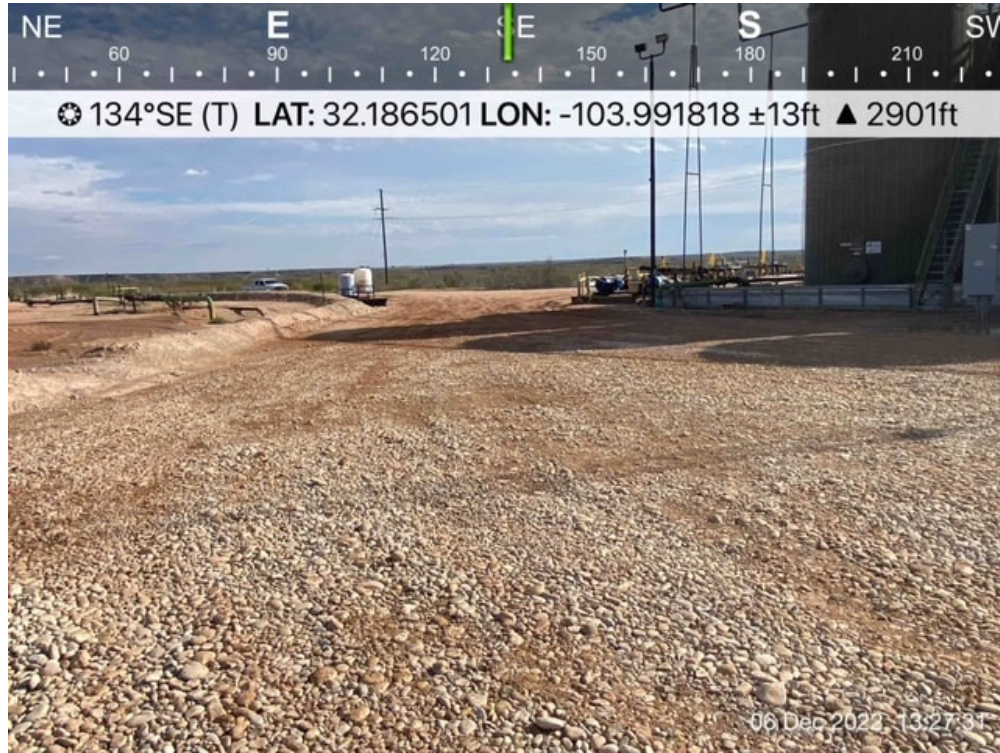
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Initial Delineation

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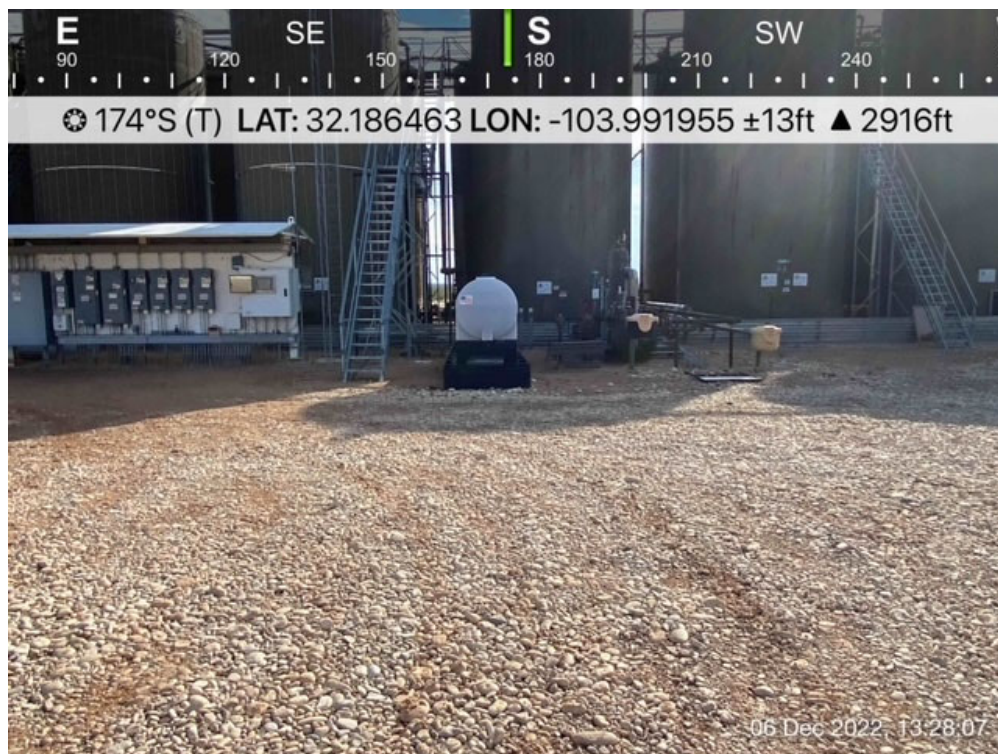
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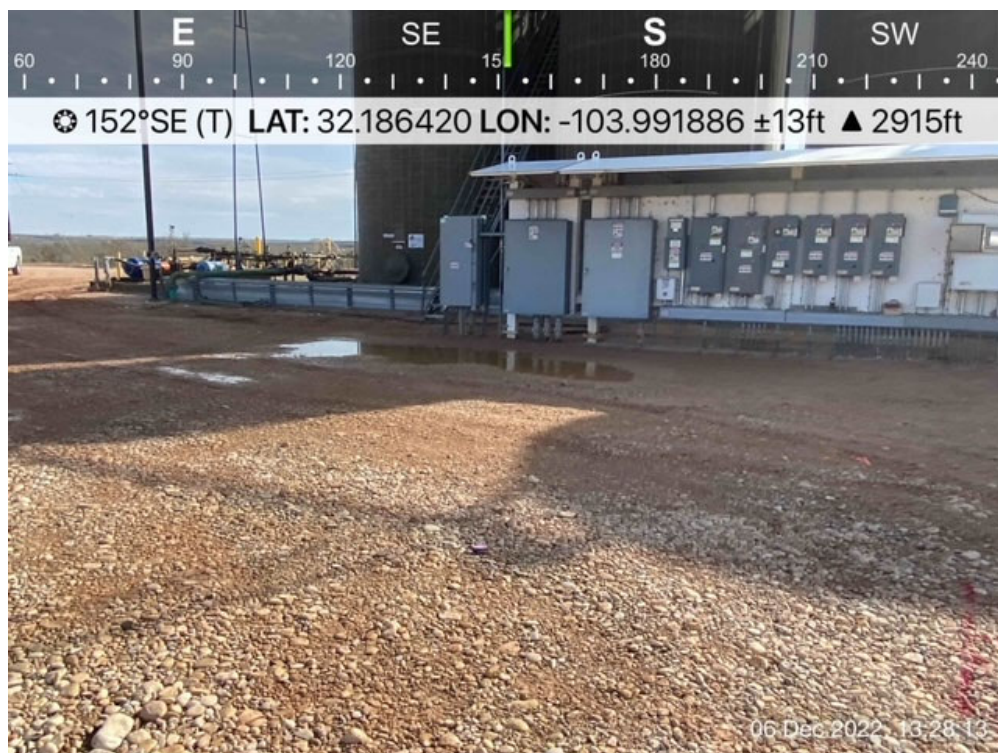


Initial Delineation

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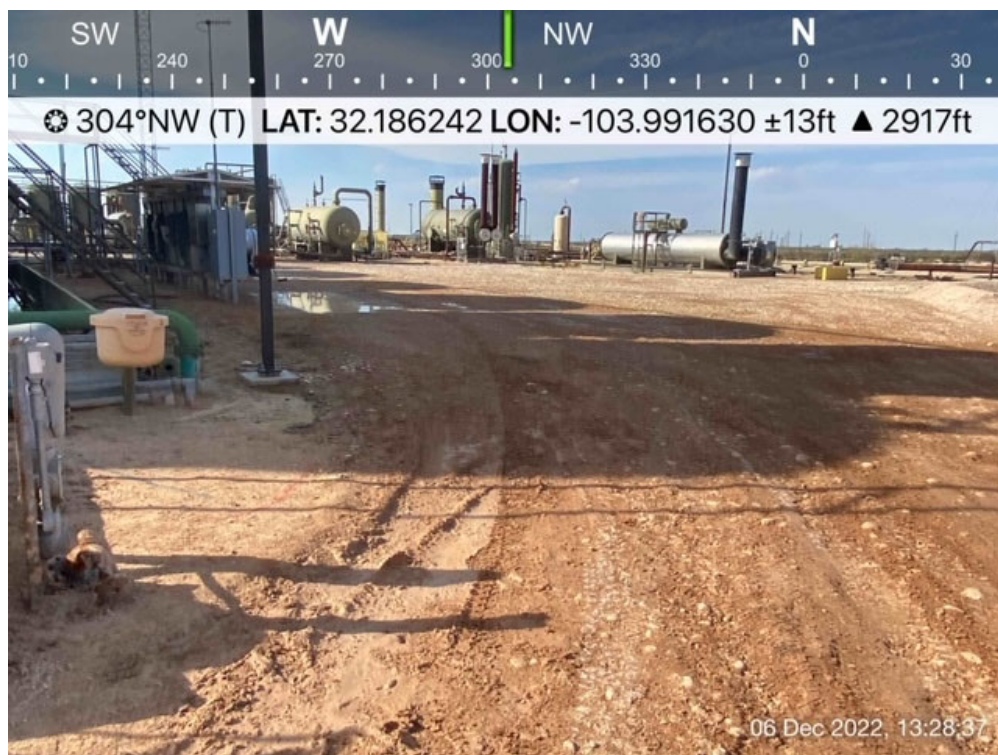
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Initial Delineation

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Initial Delineation

Pasture:



Pasture:





Initial Delineation

Pasture:



Pasture:





Initial Delineation

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Pasture:





Initial Delineation

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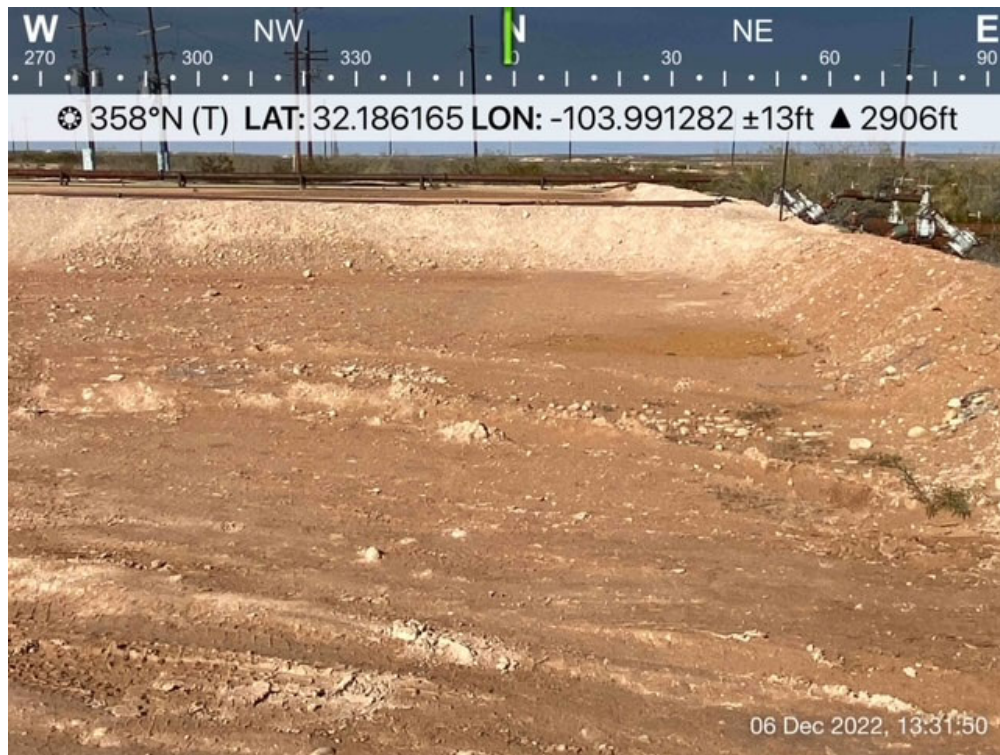
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Initial Delineation

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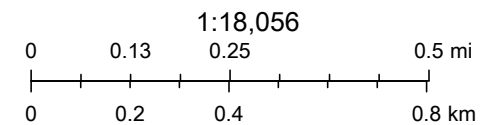
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GIS WATERS PODs

● Pending



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



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January 30, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland





















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

- Lake
- Other
- Riverine

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

0 250 500 1,000 1,500 2,000 Feet 1:6,000 103°59'10"W 32°10'55"N
Released to Imaging: 7/6/2023 9:40:54 AM
Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

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>
OTHER FEATURES	---	Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped
		

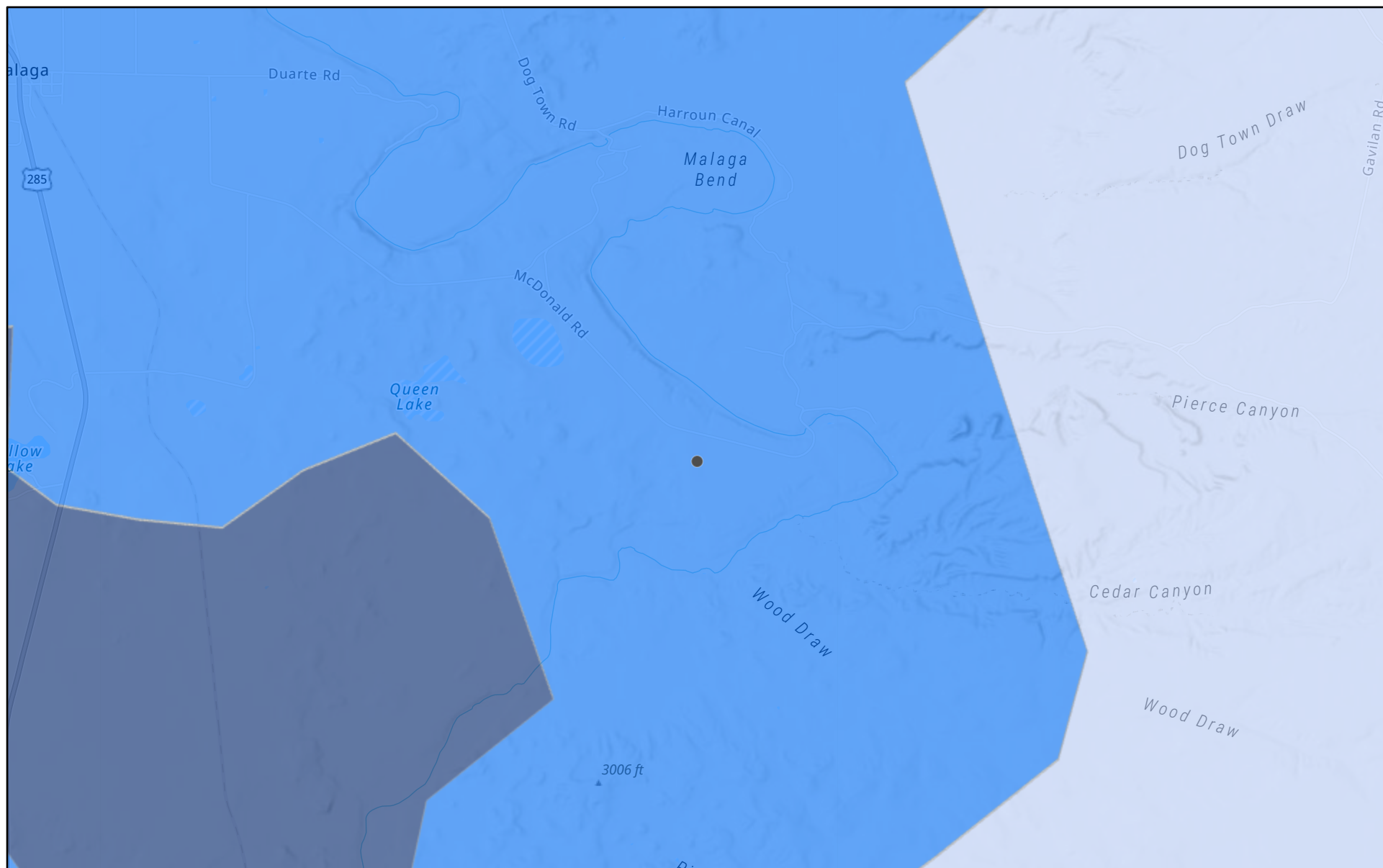
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **1/30/2023 at 11:33 AM** 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.

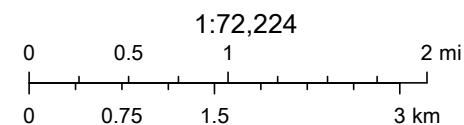
NAPP2234043341 | CEDAR CANYON 28 4 CTB



1/30/2023, 9:31:36 AM

Karst Occurrence Potential

	High		Medium
			Low



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

New Mexico Oil Conservation Division

Soil Map—Eddy Area, New Mexico
(NAPP2234043341 | CEDAR CANYON 28 4 CTB)



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

1/30/2023
Page 1 of 3

Soil Map—Eddy Area, New Mexico
(NAPP2234043341 | CEDAR CANYON 28 4 CTB)

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 18, Sep 8, 2022

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

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

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PD	Pajarito-Dune land complex, 0 to 3 percent slopes	2.6	2.1%
SM	Simona-Bippus complex, 0 to 5 percent slopes	98.1	78.4%
UG	Upton gravelly loam, 0 to 9 percent slopes	24.4	19.5%
Totals for Area of Interest		125.1	100.0%



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

January 18, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: CEDAR CANYON 28 4 CTB

Enclosed are the results of analyses for samples received by the laboratory on 01/12/23 16:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/12/2023	Sampling Date:	01/10/2023
Reported:	01/18/2023	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO., NM		

Sample ID: SP-001-00.0-V-S (H230175-01)

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	01/13/2023	ND	1.93	96.3	2.00	4.66	
Toluene*	<0.050	0.050	01/13/2023	ND	2.08	104	2.00	3.34	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.08	104	2.00	5.19	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.27	105	6.00	6.01	
Total BTEX	<0.300	0.300	01/13/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	201	100	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	99.0	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-002-00.0-V-S (H230175-02)

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	01/13/2023	ND	1.93	96.3	2.00	4.66		
Toluene*	<0.050	0.050	01/13/2023	ND	2.08	104	2.00	3.34		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.08	104	2.00	5.19		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.27	105	6.00	6.01		
Total BTEX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	01/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	201	100	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	99.0	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-003-00.0-V-S (H230175-03)

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	01/13/2023	ND	1.93	96.3	2.00	4.66		
Toluene*	<0.050	0.050	01/13/2023	ND	2.08	104	2.00	3.34		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.08	104	2.00	5.19		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.27	105	6.00	6.01		
Total BTEX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	201	100	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	99.0	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 74.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.0 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-004-00.0-V-S (H230175-04)

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	01/13/2023	ND	1.93	96.3	2.00	4.66		
Toluene*	<0.050	0.050	01/13/2023	ND	2.08	104	2.00	3.34		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.08	104	2.00	5.19		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.27	105	6.00	6.01		
Total BTEx	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	01/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	201	100	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	99.0	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 67.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-005-00.0-V-S (H230175-05)

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	01/13/2023	ND	1.93	96.3	2.00	4.66		
Toluene*	<0.050	0.050	01/13/2023	ND	2.08	104	2.00	3.34		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.08	104	2.00	5.19		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.27	105	6.00	6.01		
Total BTEX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	201	100	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	99.0	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 70.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.2 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-006-00.0-V-S (H230175-06)

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	01/13/2023	ND	1.93	96.7	2.00	2.46		
Toluene*	<0.050	0.050	01/13/2023	ND	2.02	101	2.00	2.21		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.28	105	6.00	3.72		
Total BTEx	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12400	16.0	01/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	201	100	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	99.0	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 51.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.9 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-006-04.0-V-S (H230175-07)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2023	ND	1.93	96.7	2.00	2.46		
Toluene*	<0.050	0.050	01/13/2023	ND	2.02	101	2.00	2.21		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.28	105	6.00	3.72		
Total BTX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	864	16.0	01/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	201	100	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	99.0	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-006-12.0-V-P (H230175-08)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2023	ND	1.93	96.7	2.00	2.46		
Toluene*	<0.050	0.050	01/13/2023	ND	2.02	101	2.00	2.21		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.28	105	6.00	3.72		
Total BTX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1800	16.0	01/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	201	100	200	2.43	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	99.0	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-007-00.0-V-P (H230175-09)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2023	ND	1.93	96.7	2.00	2.46		
Toluene*	<0.050	0.050	01/13/2023	ND	2.02	101	2.00	2.21		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.28	105	6.00	3.72		
Total BTX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/13/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	189	94.7	200	7.31	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	204	102	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 72.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-008-00.0-V-P (H230175-10)

BTEx 8021B		mg/kg	Analyzed By: JH/					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2023	ND	1.93	96.7	2.00	2.46	
Toluene*	<0.050	0.050	01/13/2023	ND	2.02	101	2.00	2.21	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.04	102	2.00	3.37	
Total Xylenes*	0.229	0.150	01/13/2023	ND	6.28	105	6.00	3.72	GC-NC1
Total BTEX	<0.300	0.300	01/13/2023	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 145 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	26000	16.0	01/13/2023	ND	400	100	400	3.92	QM-07

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*	59.7	10.0	01/13/2023	ND	189	94.7	200	7.31	
DRO >C10-C28*	7240	10.0	01/13/2023	ND	204	102	200	7.98	
EXT DRO >C28-C36	1260	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 300 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-008-04.0-V-P (H230175-11)

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	01/13/2023	ND	1.93	96.7	2.00	2.46		
Toluene*	<0.050	0.050	01/13/2023	ND	2.02	101	2.00	2.21		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.28	105	6.00	3.72		
Total BTEx	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	189	94.7	200	7.31	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	204	102	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-009-00.0-V-P (H230175-12)

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	01/13/2023	ND	1.93	96.7	2.00	2.46		
Toluene*	<0.050	0.050	01/13/2023	ND	2.02	101	2.00	2.21		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.28	105	6.00	3.72		
Total BTEX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	22800	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	189	94.7	200	7.31	
DRO >C10-C28*	589	10.0	01/13/2023	ND	204	102	200	7.98	
EXT DRO >C28-C36	154	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 75.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-009-04.0-V-P (H230175-13)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2023	ND	1.93	96.7	2.00	2.46	
Toluene*	<0.050	0.050	01/13/2023	ND	2.02	101	2.00	2.21	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.04	102	2.00	3.37	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.28	105	6.00	3.72	
Total BTX	<0.300	0.300	01/13/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	189	94.7	200	7.31	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	204	102	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 71.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-010-00.0-V-P (H230175-14)

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	01/13/2023	ND	1.93	96.7	2.00	2.46		
Toluene*	<0.050	0.050	01/13/2023	ND	2.02	101	2.00	2.21		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.28	105	6.00	3.72		
Total BTEX	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	24800	16.0	01/13/2023	ND	400	100	400	3.92		

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	01/13/2023	ND	189	94.7	200	7.31	
DRO >C10-C28*	1490	10.0	01/13/2023	ND	204	102	200	7.98	
EXT DRO >C28-C36	355	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 154 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-010-04.0-V-P (H230175-15)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2023	ND	1.93	96.7	2.00	2.46		
Toluene*	<0.050	0.050	01/13/2023	ND	2.02	101	2.00	2.21		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.28	105	6.00	3.72		
Total BTX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	189	94.7	200	7.31	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	204	102	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 73.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-011-00.0-V-P (H230175-16)

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	01/13/2023	ND	1.93	96.7	2.00	2.46		
Toluene*	<0.050	0.050	01/13/2023	ND	2.02	101	2.00	2.21		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.28	105	6.00	3.72		
Total BTEX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	20000	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	189	94.7	200	7.31	
DRO >C10-C28*	37.0	10.0	01/13/2023	ND	204	102	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-011-04.0-V-P (H230175-17)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2023	ND	1.93	96.7	2.00	2.46	
Toluene*	<0.050	0.050	01/13/2023	ND	2.02	101	2.00	2.21	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.04	102	2.00	3.37	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.28	105	6.00	3.72	
Total BTX	<0.300	0.300	01/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/13/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	189	94.7	200	7.31	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	204	102	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-012-00.0-V-P (H230175-18)

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	01/13/2023	ND	1.93	96.7	2.00	2.46	
Toluene*	<0.050	0.050	01/13/2023	ND	2.02	101	2.00	2.21	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.04	102	2.00	3.37	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.28	105	6.00	3.72	
Total BTEX	<0.300	0.300	01/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	27200	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	189	94.7	200	7.31	
DRO >C10-C28*	28.6	10.0	01/13/2023	ND	204	102	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 71.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-012-04.0-V-P (H230175-19)

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	01/13/2023	ND	1.93	96.7	2.00	2.46	
Toluene*	<0.050	0.050	01/13/2023	ND	2.02	101	2.00	2.21	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.04	102	2.00	3.37	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.28	105	6.00	3.72	
Total BTEx	<0.300	0.300	01/13/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/13/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	189	94.7	200	7.31	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	204	102	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 70.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-013-00.0-V-P (H230175-20)

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	01/13/2023	ND	1.93	96.7	2.00	2.46		
Toluene*	<0.050	0.050	01/13/2023	ND	2.02	101	2.00	2.21		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.28	105	6.00	3.72		
Total BTEX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/13/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	189	94.7	200	7.31	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	204	102	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 66.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-013-04.0-V-P (H230175-21)

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	01/13/2023	ND	1.93	96.7	2.00	2.46		
Toluene*	<0.050	0.050	01/13/2023	ND	2.02	101	2.00	2.21		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.28	105	6.00	3.72		
Total BTEX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	189	94.7	200	7.31	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	204	102	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-014-00.0-V-P (H230175-22)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2023	ND	1.93	96.7	2.00	2.46		
Toluene*	<0.050	0.050	01/13/2023	ND	2.02	101	2.00	2.21		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.28	105	6.00	3.72		
Total BTX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	189	94.7	200	7.31	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	204	102	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-015-00.0-V-P (H230175-23)

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	01/13/2023	ND	1.93	96.7	2.00	2.46		
Toluene*	<0.050	0.050	01/13/2023	ND	2.02	101	2.00	2.21		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.28	105	6.00	3.72		
Total BTEX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	189	94.7	200	7.31	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	204	102	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 66.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.8 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-016-00.0-V-P (H230175-24)

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	01/13/2023	ND	1.93	96.7	2.00	2.46		
Toluene*	<0.050	0.050	01/13/2023	ND	2.02	101	2.00	2.21		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.28	105	6.00	3.72		
Total BTEX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	189	94.7	200	7.31	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	204	102	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 69.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.0 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-017-00.0-V-S (H230175-25)

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	01/13/2023	ND	1.93	96.7	2.00	2.46		
Toluene*	<0.050	0.050	01/13/2023	ND	2.02	101	2.00	2.21		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.04	102	2.00	3.37		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.28	105	6.00	3.72		
Total BTEX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	189	94.7	200	7.31	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	204	102	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 66.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.7 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-018-00.0-V-S (H230175-26)

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	01/13/2023	ND	1.86	93.0	2.00	0.441		
Toluene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.0174		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.636		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.47	108	6.00	0.714		
Total BTEX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	189	94.7	200	7.31	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	204	102	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-019-00.0-V-S (H230175-27)

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	01/13/2023	ND	1.86	93.0	2.00	0.441	
Toluene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.0174	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.636	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.47	108	6.00	0.714	
Total BTEx	<0.300	0.300	01/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5200	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	189	94.7	200	7.31	
DRO >C10-C28*	36.5	10.0	01/13/2023	ND	204	102	200	7.98	
EXT DRO >C28-C36	10.2	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 65.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.5 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-020-00.0-V-P (H230175-28)

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	01/13/2023	ND	1.86	93.0	2.00	0.441		
Toluene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.0174		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.636		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.47	108	6.00	0.714		
Total BTEX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	189	94.7	200	7.31	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	204	102	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 72.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-021-00.0-V-P (H230175-29)

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	01/13/2023	ND	1.86	93.0	2.00	0.441		
Toluene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.0174		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.636		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.47	108	6.00	0.714		
Total BTEx	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 130 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	31600	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	209	104	200	0.679	
DRO >C10-C28*	1740	10.0	01/13/2023	ND	191	95.3	200	1.64	QM-07
EXT DRO >C28-C36	327	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-021-02.0-V-P (H230175-30)

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	01/16/2023	ND	1.86	93.0	2.00	0.441		
Toluene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.0174		
Ethylbenzene*	<0.050	0.050	01/16/2023	ND	2.09	105	2.00	0.636		
Total Xylenes*	<0.150	0.150	01/16/2023	ND	6.47	108	6.00	0.714		
Total BTEX	<0.300	0.300	01/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	209	104	200	0.679	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	191	95.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 72.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-022-00.0-V-P (H230175-31)

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	01/13/2023	ND	1.86	93.0	2.00	0.441		
Toluene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.0174		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.636		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.47	108	6.00	0.714		
Total BTEX	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	209	104	200	0.679	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	191	95.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-023-00.0-V-P (H230175-32)

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	01/13/2023	ND	1.86	93.0	2.00	0.441		
Toluene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.0174		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.636		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.47	108	6.00	0.714		
Total BTEx	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	209	104	200	0.679	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	191	95.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-024-00.0-V-P (H230175-33)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2023	ND	1.86	93.0	2.00	0.441		
Toluene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.0174		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.636		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.47	108	6.00	0.714		
Total BTX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	209	104	200	0.679	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	191	95.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-025-00.0-V-P (H230175-34)

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	01/13/2023	ND	1.86	93.0	2.00	0.441		
Toluene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.0174		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.636		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.47	108	6.00	0.714		
Total BTEx	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 130 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	30400	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	209	104	200	0.679	
DRO >C10-C28*	2120	10.0	01/13/2023	ND	191	95.3	200	1.64	
EXT DRO >C28-C36	385	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-025-04.0-V-P (H230175-35)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2023	ND	1.86	93.0	2.00	0.441		
Toluene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.0174		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.636		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.47	108	6.00	0.714		
Total BTEX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	209	104	200	0.679	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	191	95.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 58.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.3 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-026-00.0-V-S (H230175-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2023	ND	1.86	93.0	2.00	0.441		
Toluene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.0174		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.636		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.47	108	6.00	0.714		
Total BTEX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	209	104	200	0.679	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	191	95.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-001-01.0-HE-S (H230175-37)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2023	ND	1.86	93.0	2.00	0.441		
Toluene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.0174		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.636		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.47	108	6.00	0.714		
Total BTEx	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	209	104	200	0.679	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	191	95.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-017-01.0-HE-P (H230175-38)

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	01/13/2023	ND	1.86	93.0	2.00	0.441		
Toluene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.0174		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.636		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.47	108	6.00	0.714		
Total BTEx	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	209	104	200	0.679	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	191	95.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-017-01.0-HS-P (H230175-39)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2023	ND	1.86	93.0	2.00	0.441		
Toluene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.0174		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.636		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.47	108	6.00	0.714		
Total BTX	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 128 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	209	104	200	0.679	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	191	95.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-018-01.0-HE-P (H230175-40)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2023	ND	1.86	93.0	2.00	0.441		
Toluene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.0174		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.636		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.47	108	6.00	0.714		
Total BTX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	209	104	200	0.679	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	191	95.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-018-01.0-HN-P (H230175-41)

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	01/13/2023	ND	1.86	93.0	2.00	0.441		
Toluene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.0174		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.636		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.47	108	6.00	0.714		
Total BTEx	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	209	104	200	0.679	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	191	95.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-019-01.0-HN-P (H230175-42)

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	01/13/2023	ND	1.86	93.0	2.00	0.441		
Toluene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.0174		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.636		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.47	108	6.00	0.714		
Total BTEx	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/13/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	209	104	200	0.679	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	191	95.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-020-01.0-HN-P (H230175-43)

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	01/13/2023	ND	1.86	93.0	2.00	0.441		
Toluene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.0174		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.636		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.47	108	6.00	0.714		
Total BTEx	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/13/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	209	104	200	0.679	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	191	95.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-020-01.0-HW-P (H230175-44)

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	01/13/2023	ND	1.86	93.0	2.00	0.441		
Toluene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.0174		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.636		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.47	108	6.00	0.714		
Total BTEX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	992	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	209	104	200	0.679	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	191	95.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-021-01.0-HW-P (H230175-45)

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	01/13/2023	ND	1.86	93.0	2.00	0.441		
Toluene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.0174		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.09	105	2.00	0.636		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.47	108	6.00	0.714		
Total BTEX	<0.300	0.300	01/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/13/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	209	104	200	0.679	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	191	95.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-022-01.0-HE-P (H230175-46)

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	01/13/2023	ND	2.00	100	2.00	1.66	
Toluene*	0.072	0.050	01/13/2023	ND	2.06	103	2.00	0.374	GC-NC1
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.372	
Total Xylenes*	0.714	0.150	01/13/2023	ND	6.29	105	6.00	1.38	GC-NC1
Total BTEX	0.786	0.300	01/13/2023	ND					GC-NC1

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	44.0	10.0	01/13/2023	ND	209	104	200	0.679	
DRO >C10-C28*	1060	10.0	01/13/2023	ND	191	95.3	200	1.64	
EXT DRO >C28-C36	195	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-023-01.0-HE-P (H230175-47)

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	01/13/2023	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.374		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.372		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.29	105	6.00	1.38		
Total BTEX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	209	104	200	0.679	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	191	95.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-023-01.0-HS-P (H230175-48)

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	01/13/2023	ND	2.00	100	2.00	1.66		
Toluene*	0.075	0.050	01/13/2023	ND	2.06	103	2.00	0.374	GC-NC1	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.372		
Total Xylenes*	0.814	0.150	01/13/2023	ND	6.29	105	6.00	1.38	GC-NC1	
Total BTEX	0.889	0.300	01/13/2023	ND					GC-NC1	

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

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg	Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	37.7	10.0	01/13/2023	ND	209	104	200	0.679		
DRO >C10-C28*	823	10.0	01/13/2023	ND	191	95.3	200	1.64		
EXT DRO >C28-C36	151	10.0	01/13/2023	ND						

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 183 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-024-01.0-HS-P (H230175-49)

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	01/13/2023	ND	2.00	100	2.00	1.66	
Toluene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.374	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.372	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.29	105	6.00	1.38	
Total BTEX	<0.300	0.300	01/13/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/13/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	204	102	200	6.24	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	98.9	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-025-01.0-HN-P (H230175-50)

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	01/13/2023	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.374		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.372		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.29	105	6.00	1.38		
Total BTEx	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/13/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	204	102	200	6.24	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	98.9	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-025-01.0-HS-P (H230175-51)

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	01/13/2023	ND	2.00	100	2.00	1.66	
Toluene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.374	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.372	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.29	105	6.00	1.38	
Total BTEx	<0.300	0.300	01/13/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/13/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	204	102	200	6.24	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	98.9	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-025-01.0-HW-P (H230175-52)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2023	ND	2.00	100	2.00	1.66	
Toluene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.374	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.372	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.29	105	6.00	1.38	
Total BTX	<0.300	0.300	01/13/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/13/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	204	102	200	6.24	
DRO >C10-C28*	27.6	10.0	01/13/2023	ND	198	98.9	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-026-01.0-HS-S (H230175-53)

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	01/13/2023	ND	2.00	100	2.00	1.66	
Toluene*	0.093	0.050	01/13/2023	ND	2.06	103	2.00	0.374	GC-NC1
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.372	GC-NC
Total Xylenes*	1.08	0.150	01/13/2023	ND	6.29	105	6.00	1.38	GC-NC1
Total BTEX	1.17	0.300	01/13/2023	ND					GC-NC1

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/13/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	28.6	10.0	01/13/2023	ND	204	102	200	6.24	
DRO >C10-C28*	734	10.0	01/13/2023	ND	198	98.9	200	4.87	
EXT DRO >C28-C36	135	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-001--HN-S (H230175-54)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2023	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.374		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.372		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.29	105	6.00	1.38		
Total BTX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/13/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	204	102	200	6.24	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	98.9	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-001--HW-S (H230175-55)

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	01/13/2023	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.374		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.372		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.29	105	6.00	1.38		
Total BTEx	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/13/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	204	102	200	6.24	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	98.9	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-002--HW-S (H230175-56)

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	01/13/2023	ND	2.00	100	2.00	1.66	
Toluene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.374	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.372	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.29	105	6.00	1.38	
Total BTEX	<0.300	0.300	01/13/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/13/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	204	102	200	6.24	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	98.9	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-004--HN-S (H230175-57)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2023	ND	2.00	100	2.00	1.66	
Toluene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.374	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.372	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.29	105	6.00	1.38	
Total BTX	<0.300	0.300	01/13/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/13/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	204	102	200	6.24	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	98.9	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-004--HS-S (H230175-58)

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	01/13/2023	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.374		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.372		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.29	105	6.00	1.38		
Total BTEX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/13/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	204	102	200	6.24	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	98.9	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-005--HS-S (H230175-59)

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	01/13/2023	ND	2.00	100	2.00	1.66	
Toluene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.374	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.372	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.29	105	6.00	1.38	
Total BTEX	<0.300	0.300	01/13/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/13/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	204	102	200	6.24	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	98.9	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-005--HN-S (H230175-60)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2023	ND	2.00	100	2.00	1.66	
Toluene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.374	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.372	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.29	105	6.00	1.38	
Total BTX	<0.300	0.300	01/13/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/13/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	204	102	200	6.24	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	98.9	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-006--HN-S (H230175-61)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/13/2023	ND	2.00	100	2.00	1.66	
Toluene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.374	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.372	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.29	105	6.00	1.38	
Total BTX	<0.300	0.300	01/13/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/13/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	204	102	200	6.24	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	98.9	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-006--HS-S (H230175-62)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2023	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.374		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.372		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.29	105	6.00	1.38		
Total BTX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/13/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	204	102	200	6.24	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	98.9	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-010-06.0-V-P (H230175-63)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2023	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.374		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.372		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.29	105	6.00	1.38		
Total BTX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	01/13/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	204	102	200	6.24	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	98.9	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Analytical Results For:

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

Received: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-011-06.0-V-P (H230175-64)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2023	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.374		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.372		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.29	105	6.00	1.38		
Total BTX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/13/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	204	102	200	6.24	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	98.9	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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

Analytical Results For:

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

Received: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-012-06.0-V-P (H230175-65)

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	01/13/2023	ND	2.00	100	2.00	1.66		
Toluene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.374		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.06	103	2.00	0.372		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.29	105	6.00	1.38		
Total BTEx	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/13/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	204	102	200	6.24	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	98.9	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-015-04.0-V-P (H230175-66)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/13/2023	ND	2.18	109	2.00	3.85		
Toluene*	<0.050	0.050	01/13/2023	ND	2.15	107	2.00	4.00		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.12	106	2.00	5.08		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.41	107	6.00	6.43		
Total BTX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/13/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	204	102	200	6.24	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	98.9	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-009-01.0-HN-S (H230175-67)

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	01/13/2023	ND	2.18	109	2.00	3.85		
Toluene*	<0.050	0.050	01/13/2023	ND	2.15	107	2.00	4.00		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.12	106	2.00	5.08		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.41	107	6.00	6.43		
Total BTEX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/13/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	204	102	200	6.24	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	98.9	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-009-01.0-HW-S (H230175-68)

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	01/13/2023	ND	2.18	109	2.00	3.85		
Toluene*	<0.050	0.050	01/13/2023	ND	2.15	107	2.00	4.00		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.12	106	2.00	5.08		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.41	107	6.00	6.43		
Total BTEx	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/13/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	204	102	200	6.24	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	198	98.9	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-010-01.0-HN-S (H230175-69)

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	01/13/2023	ND	2.18	109	2.00	3.85	
Toluene*	<0.050	0.050	01/13/2023	ND	2.15	107	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.12	106	2.00	5.08	
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.41	107	6.00	6.43	
Total BTEx	<0.300	0.300	01/13/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/13/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	201	101	200	5.81	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	195	97.7	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-010-01.0-HE-S (H230175-70)

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	01/13/2023	ND	2.18	109	2.00	3.85		
Toluene*	<0.050	0.050	01/13/2023	ND	2.15	107	2.00	4.00		
Ethylbenzene*	<0.050	0.050	01/13/2023	ND	2.12	106	2.00	5.08		
Total Xylenes*	<0.150	0.150	01/13/2023	ND	6.41	107	6.00	6.43		
Total BTEX	<0.300	0.300	01/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	201	101	200	5.81	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	195	97.7	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-010-01.0-HW-S (H230175-71)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2023	ND	2.18	109	2.00	3.85	
Toluene*	<0.050	0.050	01/14/2023	ND	2.15	107	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	5.08	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.41	107	6.00	6.43	
Total BTX	<0.300	0.300	01/14/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	201	101	200	5.81	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	195	97.7	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-011-01.0-HE-S (H230175-72)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2023	ND	2.18	109	2.00	3.85	
Toluene*	<0.050	0.050	01/14/2023	ND	2.15	107	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	5.08	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.41	107	6.00	6.43	
Total BTX	<0.300	0.300	01/14/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/13/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	201	101	200	5.81	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	195	97.7	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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

Analytical Results For:

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

Received: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-011-01.0-HN-S (H230175-73)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2023	ND	2.18	109	2.00	3.85	
Toluene*	<0.050	0.050	01/14/2023	ND	2.15	107	2.00	4.00	
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	5.08	
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.41	107	6.00	6.43	
Total BTX	<0.300	0.300	01/14/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	201	101	200	5.81	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	195	97.7	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-012-01.0-HE-P (H230175-74)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/14/2023	ND	2.18	109	2.00	3.85		
Toluene*	<0.050	0.050	01/14/2023	ND	2.15	107	2.00	4.00		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	5.08		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.41	107	6.00	6.43		
Total BTX	<0.300	0.300	01/14/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/13/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	201	101	200	5.81	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	195	97.7	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-013-01.0-HN-P (H230175-75)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/14/2023	ND	2.18	109	2.00	3.85		
Toluene*	<0.050	0.050	01/14/2023	ND	2.15	107	2.00	4.00		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	5.08		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.41	107	6.00	6.43		
Total BTX	<0.300	0.300	01/14/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	201	101	200	5.81	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	195	97.7	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 93.0 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-013-01.0-HE-P (H230175-76)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/14/2023	ND	2.18	109	2.00	3.85		
Toluene*	<0.050	0.050	01/14/2023	ND	2.15	107	2.00	4.00		
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	5.08		
Total Xylenes*	<0.150	0.150	01/14/2023	ND	6.41	107	6.00	6.43		
Total BTX	<0.300	0.300	01/14/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/13/2023	ND	201	101	200	5.81	
DRO >C10-C28*	<10.0	10.0	01/13/2023	ND	195	97.7	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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: 01/12/2023
 Reported: 01/18/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 01/10/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-014-01.0-HE-P (H230175-77)

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	01/14/2023	ND	2.18	109	2.00	3.85	
Toluene*	0.054	0.050	01/14/2023	ND	2.15	107	2.00	4.00	GC-NC1
Ethylbenzene*	<0.050	0.050	01/14/2023	ND	2.12	106	2.00	5.08	
Total Xylenes*	0.707	0.150	01/14/2023	ND	6.41	107	6.00	6.43	GC-NC1
Total BTEX	0.761	0.300	01/14/2023	ND					GC-NC1

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/13/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	22.9	10.0	01/13/2023	ND	201	101	200	5.81	
DRO >C10-C28*	755	10.0	01/13/2023	ND	195	97.7	200	3.13	
EXT DRO >C28-C36	97.7	10.0	01/13/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 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.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services			BILL TO		ANALYSIS REQUEST																					
Project Manager: Dan Dunkelberg			P.O. #:																							
Address: 8426 N Dai Paso			Company:		OXY USA, Inc.																					
City: Hobbs			State: NM Zip: 88241		Attn: Wade Dittich																					
Phone #:			Fax #:		Address:																					
Project #:			Project Owner: (see below)		City:																					
Project Name: Cedar Canyon 28 & CTB			dan@trinityoilfieldservices.com		State:		Zip:																			
Project Location: Eddy Co., NM			Phone #:																							
Sample Name: KA			Fax #:																							
FOR LAB USE ONLY			MATRIX		PRESERV.	SAMPLING																				
Lab I.D.			(G)RAB OR (C)OMP.		# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX							
H230175	SP-022-00.0-V-P	G 1	X												1/10/2023		X	X	X							
31	SP-023-00.0-V-P	G 1		X											1/10/2023		X	X	X							
32	SP-024-00.0-V-P	G 1		X											1/10/2023		X	X	X							
33	SP-025-00.0-V-P	G 1		X											1/10/2023		X	X	X							
34	SP-026-00.0-V-S	G 1		X											1/10/2023		X	X	X							
35	SP-027-01.0-H-E-P	G 1		X											1/10/2023		X	X	X							
36	SP-028-00.0-V-S	G 1		X											1/10/2023		X	X	X							
37	SP-001-01.0-H-E-S	G 1		X											1/10/2023		X	X	X							
38	SP-017-01.0-H-E-P	G 1		X											1/10/2023		X	X	X							
39	SP-017-01.0-H-S-P	G 1		X											1/10/2023		X	X	X							
40	SP-018-01.0-H-E-P	G 1		X											1/10/2023		X	X	X							
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Relinquished By: [Signature]																	All Results are emailed. Please provide Email address:									
Time: 1/12/23																	REMARKS:									
Date: 1/12/23																	Received By: [Signature]									
Time:																	Delivered By: (Circle One)									
Observed Temp. °C			Sample Condition			CHECKED BY: (Initials)			Turnaround Time:			Standard			X	Bacteria (only) Sample Condition			Cool			Intact	Observed Temp. °C			
Corrected Temp. °C			Cool Index			Thermometer ID #113			Correction Factor -0.5 °C			Rush				Cool			Intact	Corrected Temp. °C						
Sampler - UPS - Bus - Other:			No													Yes			No							

Page 84 of 87

Page 85 of 87



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services		P.O. #:		BILL TO		ANALYSIS REQUEST					
Project Manager: Dan Dunkelberg		Company: OXY USA, Inc.									
Address: 8426 N Dal Paso		Attn: Wade Dittich									
City: Hobbs		Address:									
State: NM Zip: 88241		City:									
Phone #:		Fax #:									
Project #:		Project Owner: (see below)									
Project Name: Cedar Canyon 28 & CTB		State: Zip:									
Project Location: Eddy Co., NM		Phone #:									
Sampler Name: KA		Fax #:									
FOR LAB USE ONLY		MATRIX		PRESERV.		SAMPLING					
(G)RAB OR (C)OMP.		# CONTAINERS									
GROUNDWATER											
WASTEWATER											
SOIL											
OIL											
SLUDGE											
OTHER :											
ACID/BASE:											
ICE / COOL											
OTHER :											
DATE		TIME									
Lab I.D.		Sample I.D.									
41		SP-006-HN-S		1/10/2023		Chloride					
42		SP-006-HS-S		1/10/2023		TPH					
43		SP-010-06.0-V-P		1/10/2023		BTEX					
44		SP-011-06.0-V-P		1/10/2023							
45		SP-012-06.0-V-P		1/10/2023							
46		SP-015-04.0-V-P		1/10/2023							
47		SP-009-01.0-HN-S		1/10/2023							
48		SP-009-01.0-HWS		1/10/2023							
49		SP-010-01.0-HN-S		1/10/2023							
50		SP-010-01.0-HS-S		1/10/2023							

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Relinquished By: *[Signature]* Date: 1-12-23 Received By: *[Signature]* Verbal Result: Yes No Add'l Phone #:

Relinquished By: *[Signature]* Date: 1-12-23 Received By: *[Signature]* All Results are emailed. Please provide Email address:

REMARKS:

Delivered By: (Circle One) Observed Temp. °C: -10.6 Corrected Temp. °C: -10.6 Sample Condition: Cool Intact ☒ Yes ☐ No CHECKED BY: (Initials) T.E. Turnaround Time: Standard ☒ Rush ☐ Bacteria (only) Sample Condition: Cool Intact ☐ Yes ☐ No Observed Temp. °C: Corrected Temp. °C:

Sampler - UPS - Bus - Other: Correction Factor 4.5 °C

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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services				BILL TO				ANALYSIS REQUEST			
Project Manager: Dan Dunkelberg				P.O. #:							
Address: 8426 N Dal Paso				Company: OXY USA, Inc.							
City: Hobbs				State: NM Zip: 88241				Attn: Wade Dittich			
Phone #:				Fax #:							
Project #:				Project Owner: (see below)				City:			
Project Name: Cedar Canyon 28 4 CTB				dan@trinityoilfieldservices.com				State:			
Project Location: Eddy Co., NM				Phone #:				Zip:			
Sample Name: KA				Fax #:							
FOR LAB USE ONLY											
		(G)RAB OR (C)OMP.		MATRIX		PRESERV.		SAMPLING			
		# CONTAINERS		GROUNDWATER							
				WASTEWATER							
				SOIL							
				OIL							
				SLUDGE							
				OTHER :							
		ACID/BASE:									
		ICE / COOL									
		OTHER :									
Lab I.D.		Sample I.D.		DATE		TIME					
H230175											
71 SP-010-01.0-HWS		G 1		X		Chloride					
72 SP-011-01.0-HE-S		G 1		X		TPH					
73 SP-011-01.0-HN-S		G 1		X		BTEX					
74 SP-012-01.0-HE-P		G 1		X							
75 SP-013-01.0-HN-P		G 1		X							
76 SP-013-01.0-HE-P		G 1		X							
77 SP-014-01.0-HE-P		G 1		X							

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Relinquished By:		Date: 1-12-23		Received By:		Verbal Result:		Yes		No		Add'l Phone #:	
Reinquinshed By:		Date:		Received By:		All Results are emailed. Please provide Email address:							
Time:		Time:		Time:		REMARKS:							
Date:		Date:		Date:		Standard		Rush		X		Bacteria (only) Sample Condition	
Turnaround Time:		Thermometer ID #113		Correction Factor -0.5 °C		Cool		Intact		Observed Temp. °C		Corrected Temp. °C	
Delivered By: (Circle One)		Observed Temp. °C		Corrected Temp. °C		Cool Intact		Yes		No		Observed Temp. °C	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Corrected Temp. °C		Cool Intact		Yes		No		Observed Temp. °C	



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

February 22, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: CEDAR CANYON 28 4 CTB

Enclosed are the results of analyses for samples received by the laboratory on 02/20/23 16:03.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/20/2023	Sampling Date:	02/20/2023
Reported:	02/22/2023	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO., NM		

Sample ID: SP-014-01.0-HE-S (H230782-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2023	ND	2.07	103	2.00	4.03	
Toluene*	<0.050	0.050	02/21/2023	ND	1.99	99.7	2.00	4.25	
Ethylbenzene*	<0.050	0.050	02/21/2023	ND	1.93	96.5	2.00	4.17	
Total Xylenes*	<0.150	0.150	02/21/2023	ND	5.88	98.0	6.00	4.57	
Total BTX	<0.300	0.300	02/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/21/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2023	ND	186	93.0	200	2.11	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	195	97.4	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/20/2023
 Reported: 02/22/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 02/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-019-01.0-V-S (H230782-02)

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	02/21/2023	ND	2.07	103	2.00	4.03		
Toluene*	<0.050	0.050	02/21/2023	ND	1.99	99.7	2.00	4.25		
Ethylbenzene*	<0.050	0.050	02/21/2023	ND	1.93	96.5	2.00	4.17		
Total Xylenes*	<0.150	0.150	02/21/2023	ND	5.88	98.0	6.00	4.57		
Total BTEX	<0.300	0.300	02/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/21/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2023	ND	186	93.0	200	2.11	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	195	97.4	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/20/2023
 Reported: 02/22/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 02/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-020-01.0-HW-S (H230782-03)

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	02/21/2023	ND	2.07	103	2.00	4.03		
Toluene*	<0.050	0.050	02/21/2023	ND	1.99	99.7	2.00	4.25		
Ethylbenzene*	<0.050	0.050	02/21/2023	ND	1.93	96.5	2.00	4.17		
Total Xylenes*	<0.150	0.150	02/21/2023	ND	5.88	98.0	6.00	4.57		
Total BTEX	<0.300	0.300	02/21/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/21/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2023	ND	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	202	101	200	2.11	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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: 02/20/2023
 Reported: 02/22/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 02/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-022-01.0-HE-P (H230782-04)

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	02/21/2023	ND	2.07	103	2.00	4.03	
Toluene*	<0.050	0.050	02/21/2023	ND	1.99	99.7	2.00	4.25	
Ethylbenzene*	<0.050	0.050	02/21/2023	ND	1.93	96.5	2.00	4.17	
Total Xylenes*	<0.150	0.150	02/21/2023	ND	5.88	98.0	6.00	4.57	
Total BTEX	<0.300	0.300	02/21/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/21/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2023	ND	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	202	101	200	2.11	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/20/2023
 Reported: 02/22/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 02/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-023-01.0-HS-P (H230782-05)

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	02/21/2023	ND	2.07	103	2.00	4.03		
Toluene*	<0.050	0.050	02/21/2023	ND	1.99	99.7	2.00	4.25		
Ethylbenzene*	<0.050	0.050	02/21/2023	ND	1.93	96.5	2.00	4.17		
Total Xylenes*	<0.150	0.150	02/21/2023	ND	5.88	98.0	6.00	4.57		
Total BTEX	<0.300	0.300	02/21/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/21/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2023	ND	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	202	101	200	2.11	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 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: 02/20/2023
 Reported: 02/22/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 02/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-026-01.0-HS-P (H230782-06)

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	02/21/2023	ND	2.07	103	2.00	4.03	
Toluene*	<0.050	0.050	02/21/2023	ND	1.99	99.7	2.00	4.25	
Ethylbenzene*	<0.050	0.050	02/21/2023	ND	1.93	96.5	2.00	4.17	
Total Xylenes*	<0.150	0.150	02/21/2023	ND	5.88	98.0	6.00	4.57	
Total BTEX	<0.300	0.300	02/21/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/21/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2023	ND	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	202	101	200	2.11	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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: 02/20/2023
 Reported: 02/22/2023
 Project Name: CEDAR CANYON 28 4 CTB
 Project Number: NOT GIVEN
 Project Location: OXY - EDDY CO., NM

Sampling Date: 02/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP-006-15.0-V-S (H230782-07)

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	02/21/2023	ND	2.07	103	2.00	4.03	
Toluene*	<0.050	0.050	02/21/2023	ND	1.99	99.7	2.00	4.25	
Ethylbenzene*	<0.050	0.050	02/21/2023	ND	1.93	96.5	2.00	4.17	
Total Xylenes*	<0.150	0.150	02/21/2023	ND	5.88	98.0	6.00	4.57	
Total BTEX	<0.300	0.300	02/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/21/2023	ND	416	104	400	3.92	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2023	ND	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	202	101	200	2.11	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

Page 10 of 10

Incident ID	NAPP2234043341
District RP	
Facility ID	
Application ID	

Remediation Plan

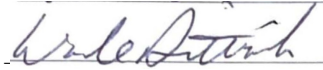
Remediation Plan Checklist: *Each of the following items must be included in the plan.*

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

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

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

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 03/03/2023
email: Wade_Dittrich@oxy.com Telephone: 575-390-2828

OCD Only

Received by: Jocelyn Harimon Date: 03/03/2023

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

Signature:  Date: 7/6/2023

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

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

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

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

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

CONDITIONS

Action 192977

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 192977
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. The Variance is approved for the Liner Installation at 4 feet. The Variance Request for 400 ft2 floor confirmation sample size is approved. The release area will still need confirmation sidewall samples representing no more than 200 ft2. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. The work will need to occur in 90 days after the work plan has been reviewed.	7/6/2023