

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

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

**RECEIVED**

By OCD District 1 at 7:28 am, Aug 17, 2015

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

**Release Notification and Corrective Action****OPERATOR**☒ Initial Report ☐ Final Report

Name of Company	Oxy Permian Ltd.	Contact	Chancey Summers
Address	6 Desta Drive, Midland, TX 79705	Telephone No.	(432) 685-5824
Facility Name	Red Tank 28 Federal #3 SWD Battery	Facility Type	Battery
Surface Owner	BLM	Mineral Owner	API No. 30-25-31754

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	28	22S	32E					Lea County, NM

Latitude N 32.36870° Longitude W 103.67821°

**NATURE OF RELEASE**

Type of Release	Produced water	Volume of Release	15 bbls	Volume Recovered	5 bbls
Source of Release	1" union on the circulating line vibrated loose	Date and Hour of Occurrence	08/02/2015	Date and Hour of Discovery	
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Kellie Jones, Jamie Keyes, Tomas Oberding-NMOCD; Shelly Tucker-BLM		
By Whom?	Kathy Purvis, BBC International	Date and Hour	08/04/2015 @ 8:51 am		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.\*

**APPROVED**

By OCD District 1 at 7:28 am, Aug 17, 2015

Describe Cause of Problem and Remedial Action Taken.\*

A one inch union on the circulating line vibrated loose causing 15 bbls of produced water to leak onto the ground. A vacuum truck recovered 5 bbls of water and the union was replaced.

Describe Area Affected and Cleanup Action Taken.\*

The affected area is approximately 15' x 22' and 12' x 20' on location. Remediation will be completed in accordance with a remediation plan approved by NMOCD and the BLM.

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

**OIL CONSERVATION DIVISION**

Signature:

Printed Name: Chancey Summers

Approved by Environmental Specialist:

Title: HES Lead

Approval Date: 08/17/2015

Expiration Date: 10/17/2015

E-mail Address: Chancey.Summers@oxy.com

Conditions of Approval:

Discrete site samples required. Delineate and remediate per NMOCD guidelines.

Attached ☐

IRP 3801

Date: 8-13-15 Phone: (432) 685-5824

Geotagged photos of remediation required.

Ensure BLM concurrence/approval

pJXK1522926799

nJXK1522926657

\* Attach Additional Sheets If Necessary

Incident ID	NJXK1522926657
District RP	1R-3801
Facility ID	
Application ID	

## Site Assessment/Characterization

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

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

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

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

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

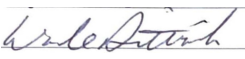
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods,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

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	NJXK1522926657
District RP	1R-3801
Facility ID	
Application ID	

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

Printed Name: Wade Dittrich Title: Environmental Coordinator  
Signature:  Date: 10/06/2022  
email: Wade\_Dittrich@oxy.com Telephone: 575-390-2828

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	NJXK1522926657
District RP	1R-3801
Facility ID	
Application ID	

## Closure

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

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

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

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

Printed Name: Wade Dittrich

Title: Environmental Coordinator

Signature: 

Date: 10/06/2022

email: Wade\_Dittrich@oxy.com

Telephone: 575-390-2828

### OCD Only

Received by: \_\_\_\_\_

Date: \_\_\_\_\_

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

Closure Approved by: 

Date: 12/08/2022

Printed Name: Jennifer Nobui

Title: Environmental Specialist A





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

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June 08, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: RED TANK 28 FED 3

Enclosed are the results of analyses for samples received by the laboratory on 06/02/22 15:50.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/02/2022	Sampling Date:	06/02/2022
Reported:	06/08/2022	Sampling Type:	Soil
Project Name:	RED TANK 28 FED 3	Sampling Condition:	Cool & Intact
Project Number:	RED TANK 28 FED 3 SWD	Sample Received By:	Jodi Henson
Project Location:	OXY - OFF MILLS RANCH		

**Sample ID: SP - 1 @ SURFACE (H222344-01)**

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	06/06/2022	ND	2.05	103	2.00	2.98		
Toluene*	<0.050	0.050	06/06/2022	ND	2.01	101	2.00	2.23		
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.89	94.6	2.00	2.53		
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.88	98.0	6.00	2.15		
Total BTEX	<0.300	0.300	06/06/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	06/06/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	189	94.3	200	8.38	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	200	100	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					

Surrogate: 1-Chlorooctane 81.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.4 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/02/2022  
 Reported: 06/08/2022  
 Project Name: RED TANK 28 FED 3  
 Project Number: RED TANK 28 FED 3 SWD  
 Project Location: OXY - OFF MILLS RANCH

Sampling Date: 06/02/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP - 2 @ SURFACE (H222344-02)**

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	06/06/2022	ND	2.05	103	2.00	2.98		
Toluene*	<0.050	0.050	06/06/2022	ND	2.01	101	2.00	2.23		
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.89	94.6	2.00	2.53		
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.88	98.0	6.00	2.15		
Total BTEx	<0.300	0.300	06/06/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/06/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	189	94.3	200	8.38	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	200	100	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					

Surrogate: 1-Chlorooctane 74.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.1 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/02/2022  
 Reported: 06/08/2022  
 Project Name: RED TANK 28 FED 3  
 Project Number: RED TANK 28 FED 3 SWD  
 Project Location: OXY - OFF MILLS RANCH

Sampling Date: 06/02/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP - 3 @ SURFACE (H222344-03)**

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	06/06/2022	ND	1.96	97.9	2.00	1.08		
Toluene*	<0.050	0.050	06/06/2022	ND	1.93	96.5	2.00	1.16		
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.88	93.9	2.00	0.644		
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.81	96.8	6.00	0.0674		
Total BTEX	<0.300	0.300	06/06/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6400	16.0	06/06/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	189	94.3	200	8.38	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	200	100	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					

Surrogate: 1-Chlorooctane 81.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/02/2022  
 Reported: 06/08/2022  
 Project Name: RED TANK 28 FED 3  
 Project Number: RED TANK 28 FED 3 SWD  
 Project Location: OXY - OFF MILLS RANCH

Sampling Date: 06/02/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP - 4 @ SURFACE (H222344-04)**

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	06/06/2022	ND	1.96	97.9	2.00	1.08		
Toluene*	<0.050	0.050	06/06/2022	ND	1.93	96.5	2.00	1.16		
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.88	93.9	2.00	0.644		
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.81	96.8	6.00	0.0674		
Total BTEx	<0.300	0.300	06/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3920	16.0	06/06/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	200	99.9	200	7.83	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	178	89.1	200	9.10	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					

Surrogate: 1-Chlorooctane 78.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/02/2022  
 Reported: 06/08/2022  
 Project Name: RED TANK 28 FED 3  
 Project Number: RED TANK 28 FED 3 SWD  
 Project Location: OXY - OFF MILLS RANCH

Sampling Date: 06/02/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP - 5 @ SURFACE (H222344-05)**

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	06/06/2022	ND	1.96	97.9	2.00	1.08	
Toluene*	<0.050	0.050	06/06/2022	ND	1.93	96.5	2.00	1.16	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.88	93.9	2.00	0.644	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.81	96.8	6.00	0.0674	
Total BTEX	<0.300	0.300	06/06/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	22000	16.0	06/06/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	200	99.9	200	7.83	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	178	89.1	200	9.10	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					

Surrogate: 1-Chlorooctane 77.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.7 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 06/02/2022  
 Reported: 06/08/2022  
 Project Name: RED TANK 28 FED 3  
 Project Number: RED TANK 28 FED 3 SWD  
 Project Location: OXY - OFF MILLS RANCH

Sampling Date: 06/02/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP - 5 @ 1' (H222344-06)**

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	06/06/2022	ND	1.96	97.9	2.00	1.08		
Toluene*	<0.050	0.050	06/06/2022	ND	1.93	96.5	2.00	1.16		
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.88	93.9	2.00	0.644		
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.81	96.8	6.00	0.0674		
Total BTEX	<0.300	0.300	06/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	06/06/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	200	99.9	200	7.83	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	178	89.1	200	9.10	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					

Surrogate: 1-Chlorooctane 77.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 06/02/2022  
 Reported: 06/08/2022  
 Project Name: RED TANK 28 FED 3  
 Project Number: RED TANK 28 FED 3 SWD  
 Project Location: OXY - OFF MILLS RANCH

Sampling Date: 06/02/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP - 6 @ SURFACE (H222344-07)**

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	06/06/2022	ND	1.96	97.9	2.00	1.08	
Toluene*	<0.050	0.050	06/06/2022	ND	1.93	96.5	2.00	1.16	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.88	93.9	2.00	0.644	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.81	96.8	6.00	0.0674	
Total BTX	<0.300	0.300	06/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2080	16.0	06/06/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	200	99.9	200	7.83	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	178	89.1	200	9.10	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 06/02/2022  
 Reported: 06/08/2022  
 Project Name: RED TANK 28 FED 3  
 Project Number: RED TANK 28 FED 3 SWD  
 Project Location: OXY - OFF MILLS RANCH

Sampling Date: 06/02/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP - 7 @ SURFACE (H222344-08)**

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	06/06/2022	ND	1.96	97.9	2.00	1.08	
Toluene*	<0.050	0.050	06/06/2022	ND	1.93	96.5	2.00	1.16	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.88	93.9	2.00	0.644	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.81	96.8	6.00	0.0674	
Total BTX	<0.300	0.300	06/06/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8480	16.0	06/06/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	200	99.9	200	7.83	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	178	89.1	200	9.10	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 06/02/2022  
 Reported: 06/08/2022  
 Project Name: RED TANK 28 FED 3  
 Project Number: RED TANK 28 FED 3 SWD  
 Project Location: OXY - OFF MILLS RANCH

Sampling Date: 06/02/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP - 8 @ SURFACE (H222344-09)**

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	06/06/2022	ND	1.96	97.9	2.00	1.08		
Toluene*	<0.050	0.050	06/06/2022	ND	1.93	96.5	2.00	1.16		
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.88	93.9	2.00	0.644		
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.81	96.8	6.00	0.0674		
Total BTX	<0.300	0.300	06/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4400	16.0	06/06/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	200	99.9	200	7.83	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	178	89.1	200	9.10	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 06/02/2022  
 Reported: 06/08/2022  
 Project Name: RED TANK 28 FED 3  
 Project Number: RED TANK 28 FED 3 SWD  
 Project Location: OXY - OFF MILLS RANCH

Sampling Date: 06/02/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP - 9 @ SURFACE (H222344-10)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2022	ND	1.96	97.9	2.00	1.08	
Toluene*	<0.050	0.050	06/06/2022	ND	1.93	96.5	2.00	1.16	
Ethylbenzene*	<0.050	0.050	06/06/2022	ND	1.88	93.9	2.00	0.644	
Total Xylenes*	<0.150	0.150	06/06/2022	ND	5.81	96.8	6.00	0.0674	
Total BTX	<0.300	0.300	06/06/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	06/06/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	200	99.9	200	7.83	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	178	89.1	200	9.10	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					

Surrogate: 1-Chlorooctane 84.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.8 % 59.5-142

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



---

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---

### Notes and Definitions

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

---

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

---

Celey D. Keene, Lab Director/Quality Manager





**CARDINAL**  
Laboratories

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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

---

Company Name: Trinity Oilfield Services

Project Manager: Dan Dunkelberg

Address: 8426 N Dal Paso

City: Hobbs

Phone #: \_\_\_\_\_

Project #: \_\_\_\_\_

Project Name: Red Tank 28 Fed 3 SWD

Project Location: Lea Co., NM

Sample Name: RS

P.O. #: \_\_\_\_\_

Company: OXY USA Inc.

Attn: Wade Dittich

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone #: \_\_\_\_\_

Fax #: \_\_\_\_\_

---

**Lab I.D.**

*H2022344*

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX
1	SP-1 @ Surface	G 1	X										6/2/2022	9:00	X	X	X
2	SP-2 @ Surface	G 1	X										6/2/2022	9:05	X	X	X
3	SP-3 @ Surface	G 1	X										6/2/2022	9:10	X	X	X
4	SP-4 @ Surface	G 1	X										6/2/2022	9:15	X	X	X
5	SP-5 @ Surface	G 1	X										6/2/2022	9:20	X	X	X
6	SP-5 @ 1'	G 1	X										6/2/2022	9:25	X	X	X
7	SP-6 @ Surface	G 1	X										6/2/2022	9:30	X	X	X
8	SP-7 @ Surface	G 1	X										6/2/2022	9:35	X	X	X
9	SP-8 @ Surface	G 1	X										6/2/2022	9:40	X	X	X
10	SP-9 @ Surface	G 1	X										6/2/2022	9:45	X	X	X

**BILL TO**

**ANALYSIS REQUEST**

---

Relinquished By: *[Signature]*

Date: *6-2-22*

Time: *15:50*

Received By: *[Signature]*

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Verbal Result: \_\_\_\_\_

Yes \_\_\_\_\_ No \_\_\_\_\_

Add'l Phone #: \_\_\_\_\_

---

Relinquished By: *[Signature]*

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Received By: *[Signature]*

Date: \_\_\_\_\_

Time: \_\_\_\_\_

REMARKS:

---

Delivered By: (Circle One)

Observed Temp. °C *31.8*

Corrected Temp. °C *-0.5*

Sample - UPS - Bus - Other: \_\_\_\_\_

Sample Condition

Cool Intact *[X]*

Yes *[X]* No *[X]*

Checked By: *[Signature]*

Turnaround Time: \_\_\_\_\_

Standard *Rush*

Bacteria (only) Sample Condition

Cool Intact *[X]*

Yes *[X]* No *[X]*

Observed Temp. °C \_\_\_\_\_

Corrected Temp. °C \_\_\_\_\_



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

June 09, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: RED TANK 28 FED 3

Enclosed are the results of analyses for samples received by the laboratory on 06/03/22 14:57.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 06/03/2022  
 Reported: 06/09/2022  
 Project Name: RED TANK 28 FED 3  
 Project Number: RED TANK 28 FED 3 SWD  
 Project Location: OXY - OFF MILLS RANCH

Sampling Date: 06/03/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 16 @ SURFACE (H222371-01)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.258</b>	0.050	06/08/2022	ND	2.11	106	2.00	2.76	
<b>Toluene*</b>	<b>1.39</b>	0.050	06/08/2022	ND	2.11	106	2.00	2.82	
<b>Ethylbenzene*</b>	<b>0.619</b>	0.050	06/08/2022	ND	1.98	99.1	2.00	3.27	
<b>Total Xylenes*</b>	<b>2.95</b>	0.150	06/08/2022	ND	6.20	103	6.00	4.08	
<b>Total BTX</b>	<b>5.21</b>	0.300	06/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1760</b>	16.0	06/07/2022	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>147</b>	50.0	06/07/2022	ND	208	104	200	5.89		
<b>DRO &gt;C10-C28*</b>	<b>14200</b>	50.0	06/07/2022	ND	193	96.5	200	12.2		
<b>EXT DRO &gt;C28-C36</b>	<b>12000</b>	50.0	06/07/2022	ND						

Surrogate: 1-Chlorooctane 116 % 66.9-136

Surrogate: 1-Chlorooctadecane 408 % 59.5-142

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: 06/03/2022  
 Reported: 06/09/2022  
 Project Name: RED TANK 28 FED 3  
 Project Number: RED TANK 28 FED 3 SWD  
 Project Location: OXY - OFF MILLS RANCH

Sampling Date: 06/03/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 17 @ SURFACE (H222371-02)**

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	06/07/2022	ND	2.11	106	2.00	2.76		
Toluene*	<0.050	0.050	06/07/2022	ND	2.11	106	2.00	2.82		
Ethylbenzene*	<0.050	0.050	06/07/2022	ND	1.98	99.1	2.00	3.27		
Total Xylenes*	<0.150	0.150	06/07/2022	ND	6.20	103	6.00	4.08		
Total BTEX	<0.300	0.300	06/07/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	06/07/2022	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	06/08/2022	ND	208	104	200	5.89	
DRO >C10-C28*	11100	50.0	06/08/2022	ND	193	96.5	200	12.2	
EXT DRO >C28-C36	10300	50.0	06/08/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 356 % 59.5-142

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: 06/03/2022  
 Reported: 06/09/2022  
 Project Name: RED TANK 28 FED 3  
 Project Number: RED TANK 28 FED 3 SWD  
 Project Location: OXY - OFF MILLS RANCH

Sampling Date: 06/03/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 17 @ 1' (H222371-03)**

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	06/07/2022	ND	2.11	106	2.00	2.76		
Toluene*	<0.050	0.050	06/07/2022	ND	2.11	106	2.00	2.82		
Ethylbenzene*	<0.050	0.050	06/07/2022	ND	1.98	99.1	2.00	3.27		
Total Xylenes*	<0.150	0.150	06/07/2022	ND	6.20	103	6.00	4.08		
Total BTEx	<0.300	0.300	06/07/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	06/07/2022	ND	416	104	400	8.00	

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	06/07/2022	ND	208	104	200	5.89	
DRO >C10-C28*	<10.0	10.0	06/07/2022	ND	193	96.5	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	06/07/2022	ND					

Surrogate: 1-Chlorooctane 87.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



---

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### Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

---

Celey D. Keene, Lab Director/Quality Manager





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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Tri-County Oilfield Services</u>		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>Dan Dunkelberg</u>		Company: <u>OK USA Inc.</u>					
Address: <u>8426 N DAI Pass</u>		Attn: <u>Wade D. Trich</u>					
City: <u>Hobbs</u>		Address:					
State: <u>NM</u> Zip: <u>88241</u>		City:					
Phone #: _____		State:					
Fax #: _____		Zip:					
Project #: _____		Phone #:					
Project Name: <u>Red Hawk 28 Feb 3 SWD</u>		Fax #:					
Project Location: <u>San. Co., NM</u>							
Sampler Name: <u>PS</u>							
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX		PRESERV.	SAMPLING
				GROUNDWATER			
				WASTEWATER			
				SOIL			
				OIL			
				SLUDGE			
				OTHER :			
				ACID/BASE:			
				ICE / COOL			
				OTHER :			
				DATE	TIME		
<u>4200371</u>	<u>SP-16 @ Surface</u>	<u>6-1</u>	<u>6-1</u>	<u>6-3-22</u>	<u>9:00</u>	<u>X</u>	<u>Chloride</u>
<u>2</u>	<u>SP-17 @ Surface</u>	<u>6-1</u>	<u>6-1</u>	<u>6-3-22</u>	<u>9:05</u>	<u>X</u>	<u>TPH</u>
<u>3</u>	<u>SP-17 @ 1'</u>	<u>6-1</u>	<u>6-1</u>	<u>6-3-22</u>	<u>9:10</u>	<u>X</u>	<u>BTEX</u>

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Relinquished By: _____	Date: <u>6-3-22</u>	Received By: <u>Wade D. Trich</u>	Time: <u>14:57</u>
Relinquished By: _____	Date: _____	Received By: _____	Time: _____

Delivered By: (Circle One) ☒ Observed Temp. °C 3.0 Sample Condition ☒ Intact ☐ Intact ☐ Yes ☐ No

Sampler - UPS - Bus - Other: \_\_\_\_\_ Corrected Temp. °C 2.5 ☒ Yes ☐ No

Thermometer ID #113 Correction Factor -0.5°C

Turnaround Time: dan@tri-county-oilfield-services.com

Standard ☒ Rush ☐ Bacteria (only) ☐ Sample Condition ☐ Observed Temp. °C ☐ Corrected Temp. °C

Verbal Result: ☐ Yes ☐ No Add'l Phone #: \_\_\_\_\_

All Results are emailed. Please provide Email address: \_\_\_\_\_

REMARKS: \_\_\_\_\_

FOR CARDINAL USE ONLY



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June 14, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: RED TANK 28 FED 3 SWD

Enclosed are the results of analyses for samples received by the laboratory on 06/09/22 15:18.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 18 @ SURFACE (H222470-01)**

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	06/10/2022	ND	2.13	106	2.00	3.18	
Toluene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	2.78	
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.03	101	2.00	3.29	
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.30	105	6.00	3.12	
Total BTEX	<0.300	0.300	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/10/2022	ND	448	112	400	7.41		

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	06/10/2022	ND	196	97.8	200	5.27	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	202	101	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 81.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 19 @ SURFACE (H222470-02)**

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	06/10/2022	ND	2.13	106	2.00	3.18		
Toluene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.03	101	2.00	3.29		
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.30	105	6.00	3.12		
Total BTEx	<0.300	0.300	06/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/10/2022	ND	448	112	400	7.41	

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	06/10/2022	ND	196	97.8	200	5.27	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	202	101	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 68.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.3 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 20 @ SURFACE (H222470-03)**

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	06/10/2022	ND	2.13	106	2.00	3.18		
Toluene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.03	101	2.00	3.29		
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.30	105	6.00	3.12		
Total BTEx	<0.300	0.300	06/10/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/10/2022	ND	448	112	400	7.41	

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	06/10/2022	ND	216	108	200	6.32	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	203	101	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 21 @ SURFACE (H222470-04)**

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	06/10/2022	ND	2.13	106	2.00	3.18		
Toluene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.03	101	2.00	3.29		
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.30	105	6.00	3.12		
Total BTEx	<0.300	0.300	06/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/10/2022	ND	448	112	400	7.41		

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	06/10/2022	ND	216	108	200	6.32	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	203	101	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 22 @ SURFACE (H222470-05)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2022	ND	2.13	106	2.00	3.18		
Toluene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.03	101	2.00	3.29		
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.30	105	6.00	3.12		
Total BTX	<0.300	0.300	06/10/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/10/2022	ND	448	112	400	7.41		

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	06/10/2022	ND	216	108	200	6.32	
DRO >C10-C28*	27.6	10.0	06/10/2022	ND	203	101	200	1.24	
EXT DRO >C28-C36	22.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 115 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 23 @ SURFACE (H222470-06)**

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	06/10/2022	ND	2.13	106	2.00	3.18		
Toluene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.03	101	2.00	3.29		
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.30	105	6.00	3.12		
Total BTEx	<0.300	0.300	06/10/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/10/2022	ND	448	112	400	7.41		

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	06/10/2022	ND	216	108	200	6.32	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	203	101	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 24 @ SURFACE (H222470-07)**

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	06/10/2022	ND	2.13	106	2.00	3.18	
Toluene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	2.78	
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.03	101	2.00	3.29	
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.30	105	6.00	3.12	
Total BTEx	<0.300	0.300	06/10/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/10/2022	ND	448	112	400	7.41	

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	06/10/2022	ND	216	108	200	6.32	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	203	101	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 25 @ SURFACE (H222470-08)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2022	ND	2.13	106	2.00	3.18		
Toluene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.03	101	2.00	3.29		
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.30	105	6.00	3.12		
Total BTEx	<0.300	0.300	06/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/10/2022	ND	448	112	400	7.41		

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	06/10/2022	ND	216	108	200	6.32	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	203	101	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 110 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 26 @ SURFACE (H222470-09)**

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	06/10/2022	ND	2.13	106	2.00	3.18		
Toluene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.03	101	2.00	3.29		
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.30	105	6.00	3.12		
Total BTX	<0.300	0.300	06/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/10/2022	ND	448	112	400	7.41		

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	06/10/2022	ND	216	108	200	6.32	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	203	101	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 27 @ SURFACE (H222470-10)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2022	ND	2.13	106	2.00	3.18		
Toluene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.03	101	2.00	3.29		
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.30	105	6.00	3.12		
Total BTEx	<0.300	0.300	06/10/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/10/2022	ND	448	112	400	7.41		

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	06/10/2022	ND	216	108	200	6.32	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	203	101	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 98.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 28 @ SURFACE (H222470-11)**

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	06/10/2022	ND	2.13	106	2.00	3.18		
Toluene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.03	101	2.00	3.29		
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.30	105	6.00	3.12		
Total BTEx	<0.300	0.300	06/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	06/10/2022	ND	448	112	400	7.41		

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	06/10/2022	ND	216	108	200	6.32	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	203	101	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 96.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.8 % 59.5-142

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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 29 @ SURFACE (H222470-12)**

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	06/10/2022	ND	2.13	106	2.00	3.18		
Toluene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.03	101	2.00	3.29		
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.30	105	6.00	3.12		
Total BTEx	<0.300	0.300	06/10/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/10/2022	ND	448	112	400	7.41		

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	06/10/2022	ND	216	108	200	6.32	
DRO >C10-C28*	80.1	10.0	06/10/2022	ND	203	101	200	1.24	
EXT DRO >C28-C36	42.5	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 99.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 30 @ SURFACE (H222470-13)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2022	ND	2.13	106	2.00	3.18		
Toluene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	2.78		
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.03	101	2.00	3.29		
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.30	105	6.00	3.12		
Total BTEx	<0.300	0.300	06/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/10/2022	ND	448	112	400	7.41		

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	06/10/2022	ND	216	108	200	6.32	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	203	101	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 11 @ SURFACE (H222470-14)**

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	06/10/2022	ND	2.21	110	2.00	10.7		
Toluene*	<0.050	0.050	06/10/2022	ND	2.18	109	2.00	10.1		
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.12	106	2.00	11.5		
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.56	109	6.00	11.0		
Total BTEx	<0.300	0.300	06/10/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4880	16.0	06/10/2022	ND	448	112	400	7.41		

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	06/10/2022	ND	216	108	200	6.32	
DRO >C10-C28*	44.9	10.0	06/10/2022	ND	203	101	200	1.24	
EXT DRO >C28-C36	46.5	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 12 @ SURFACE (H222470-15)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2022	ND	2.21	110	2.00	10.7		
Toluene*	<0.050	0.050	06/10/2022	ND	2.18	109	2.00	10.1		
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.12	106	2.00	11.5		
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.56	109	6.00	11.0		
Total BTEx	<0.300	0.300	06/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6080	16.0	06/10/2022	ND	448	112	400	7.41	

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	06/10/2022	ND	216	108	200	6.32	
DRO >C10-C28*	112	10.0	06/10/2022	ND	203	101	200	1.24	
EXT DRO >C28-C36	81.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 13 @ SURFACE (H222470-16)**

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	06/10/2022	ND	2.21	110	2.00	10.7		
Toluene*	<0.050	0.050	06/10/2022	ND	2.18	109	2.00	10.1		
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.12	106	2.00	11.5		
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.56	109	6.00	11.0		
Total BTEx	<0.300	0.300	06/10/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10000	16.0	06/10/2022	ND	448	112	400	7.41		

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	06/10/2022	ND	216	108	200	6.32	
DRO >C10-C28*	21.4	10.0	06/10/2022	ND	203	101	200	1.24	
EXT DRO >C28-C36	425	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 14 @ SURFACE (H222470-17)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2022	ND	2.21	110	2.00	10.7		
Toluene*	<0.050	0.050	06/10/2022	ND	2.18	109	2.00	10.1		
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.12	106	2.00	11.5		
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.56	109	6.00	11.0		
Total BTEx	<0.300	0.300	06/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	44800	16.0	06/10/2022	ND	448	112	400	7.41		

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	06/10/2022	ND	216	108	200	6.32	
DRO >C10-C28*	110	10.0	06/10/2022	ND	203	101	200	1.24	
EXT DRO >C28-C36	198	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 113 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 14 @ 1' (H222470-18)**

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	06/10/2022	ND	2.21	110	2.00	10.7	
Toluene*	<0.050	0.050	06/10/2022	ND	2.18	109	2.00	10.1	
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.12	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.56	109	6.00	11.0	
Total BTX	<0.300	0.300	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	22800	16.0	06/10/2022	ND	448	112	400	7.41		

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	06/10/2022	ND	216	108	200	6.32	
DRO >C10-C28*	17.3	10.0	06/10/2022	ND	203	101	200	1.24	
EXT DRO >C28-C36	19.7	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 15 @ SURFACE (H222470-19)**

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	06/10/2022	ND	2.21	110	2.00	10.7	
Toluene*	<0.050	0.050	06/10/2022	ND	2.18	109	2.00	10.1	
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.12	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.56	109	6.00	11.0	
Total BTEx	<0.300	0.300	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	06/10/2022	ND	448	112	400	7.41		

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	06/10/2022	ND	216	108	200	6.32	
DRO >C10-C28*	57.5	10.0	06/10/2022	ND	203	101	200	1.24	
EXT DRO >C28-C36	93.3	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 99.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 13 @ 1' (H222470-20)**

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	06/10/2022	ND	2.21	110	2.00	10.7		
Toluene*	<0.050	0.050	06/10/2022	ND	2.18	109	2.00	10.1		
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.12	106	2.00	11.5		
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.56	109	6.00	11.0		
Total BTEx	<0.300	0.300	06/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16000	16.0	06/10/2022	ND	432	108	400	3.77	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*	<10.0	10.0	06/10/2022	ND	216	108	200	6.32	
DRO >C10-C28*	821	10.0	06/10/2022	ND	203	101	200	1.24	
EXT DRO >C28-C36	572	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 158 % 59.5-142

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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 13 @ 2' (H222470-21)**

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	06/10/2022	ND	2.21	110	2.00	10.7		
Toluene*	<0.050	0.050	06/10/2022	ND	2.18	109	2.00	10.1		
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.12	106	2.00	11.5		
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.56	109	6.00	11.0		
Total BTEx	<0.300	0.300	06/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16400	16.0	06/10/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2022	ND	216	108	200	6.32	
DRO >C10-C28*	256	10.0	06/10/2022	ND	203	101	200	1.24	
EXT DRO >C28-C36	119	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 130 % 59.5-142

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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 13 @ 3' (H222470-22)**

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	06/10/2022	ND	2.21	110	2.00	10.7	
Toluene*	<0.050	0.050	06/10/2022	ND	2.18	109	2.00	10.1	
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.12	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.56	109	6.00	11.0	
Total BTX	<0.300	0.300	06/10/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	34800	16.0	06/10/2022	ND	432	108	400	3.77		

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	06/13/2022	ND	216	108	200	6.32	
DRO >C10-C28*	873	10.0	06/13/2022	ND	203	101	200	1.24	
EXT DRO >C28-C36	440	10.0	06/13/2022	ND					

Surrogate: 1-Chlorooctane 78.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 144 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/09/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/09/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SP - 13 @ 4' (H222470-23)**

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	06/10/2022	ND	2.21	110	2.00	10.7	
Toluene*	<0.050	0.050	06/10/2022	ND	2.18	109	2.00	10.1	
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	2.12	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.56	109	6.00	11.0	
Total BTEx	<0.300	0.300	06/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2080	16.0	06/10/2022	ND	432	108	400	3.77		

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	06/13/2022	ND	180	90.1	200	2.37	
DRO >C10-C28*	754	10.0	06/13/2022	ND	192	96.0	200	1.65	QM-07
EXT DRO >C28-C36	363	10.0	06/13/2022	ND					

Surrogate: 1-Chlorooctane 92.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 159 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager

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### Notes and Definitions

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

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

---

Celey D. Keene, Lab Director/Quality Manager

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Page 28 of 28



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June 14, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: RED TANK 28 FED 3 SWD

Enclosed are the results of analyses for samples received by the laboratory on 06/10/22 13:24.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	06/10/2022	Sampling Date:	06/10/2022
Reported:	06/14/2022	Sampling Type:	Soil
Project Name:	RED TANK 28 FED 3 SWD	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

**Sample ID: SP - 7 S @ 3" (H222494-01)**

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	06/10/2022	ND	2.10	105	2.00	7.21	
Toluene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	6.94	
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	1.98	99.1	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.19	103	6.00	7.41	
Total BTEX	<0.300	0.300	06/10/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/13/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2022	ND	188	94.2	200	4.60	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	194	97.1	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 95.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 8 S @ 3" (H222494-02)**

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	06/10/2022	ND	2.10	105	2.00	7.21		
Toluene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	6.94		
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	1.98	99.1	2.00	7.54		
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.19	103	6.00	7.41		
Total BTEx	<0.300	0.300	06/10/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/13/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2022	ND	188	94.2	200	4.60	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	194	97.1	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 95.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.9 % 59.5-142

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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 10 E @ 3" (H222494-03)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	7.21	
Toluene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	6.94	
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	1.98	99.1	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.19	103	6.00	7.41	
Total BTX	<0.300	0.300	06/10/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/13/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2022	ND	188	94.2	200	4.60	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	194	97.1	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 110 % 59.5-142

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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 13 E @ 3" (H222494-04)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	7.21	
Toluene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	6.94	
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	1.98	99.1	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.19	103	6.00	7.41	
Total BTX	<0.300	0.300	06/10/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/13/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2022	ND	188	94.2	200	4.60	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	194	97.1	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 99.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 14 E @ 3" (H222494-05)**

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	06/10/2022	ND	2.10	105	2.00	7.21		
Toluene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	6.94		
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	1.98	99.1	2.00	7.54		
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.19	103	6.00	7.41		
Total BTEX	<0.300	0.300	06/10/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/13/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2022	ND	188	94.2	200	4.60	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	194	97.1	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 92.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 15 N @ 3" (H222494-06)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	7.21		
Toluene*	<0.050	0.050	06/10/2022	ND	2.10	105	2.00	6.94		
Ethylbenzene*	<0.050	0.050	06/10/2022	ND	1.98	99.1	2.00	7.54		
Total Xylenes*	<0.150	0.150	06/10/2022	ND	6.19	103	6.00	7.41		
Total BTX	<0.300	0.300	06/10/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/13/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2022	ND	188	94.2	200	4.60	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	194	97.1	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 99.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 16 N @ 3" (H222494-07)**

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	06/11/2022	ND	2.09	104	2.00	10.3	
Toluene*	<0.050	0.050	06/11/2022	ND	2.09	105	2.00	10.6	
Ethylbenzene*	<0.050	0.050	06/11/2022	ND	1.95	97.4	2.00	9.99	
Total Xylenes*	<0.150	0.150	06/11/2022	ND	6.05	101	6.00	9.16	
Total BTEx	<0.300	0.300	06/11/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/13/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2022	ND	188	94.2	200	4.60	
DRO >C10-C28*	<10.0	10.0	06/11/2022	ND	194	97.1	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/11/2022	ND					

Surrogate: 1-Chlorooctane 96.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 31 W @ 3" (H222494-08)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2022	ND	2.09	104	2.00	10.3		
Toluene*	<0.050	0.050	06/11/2022	ND	2.09	105	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/11/2022	ND	1.95	97.4	2.00	9.99		
Total Xylenes*	<0.150	0.150	06/11/2022	ND	6.05	101	6.00	9.16		
Total BTEx	<0.300	0.300	06/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/13/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2022	ND	188	94.2	200	4.60	
DRO >C10-C28*	<10.0	10.0	06/11/2022	ND	194	97.1	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/11/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 32 S @ 3" (H222494-09)**

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	06/11/2022	ND	2.09	104	2.00	10.3		
Toluene*	<0.050	0.050	06/11/2022	ND	2.09	105	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/11/2022	ND	1.95	97.4	2.00	9.99		
Total Xylenes*	<0.150	0.150	06/11/2022	ND	6.05	101	6.00	9.16		
Total BTX	<0.300	0.300	06/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/13/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2022	ND	188	94.2	200	4.60	
DRO >C10-C28*	<10.0	10.0	06/11/2022	ND	194	97.1	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/11/2022	ND					

Surrogate: 1-Chlorooctane 89.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 33 S @ 3" (H222494-10)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2022	ND	2.09	104	2.00	10.3		
Toluene*	<0.050	0.050	06/11/2022	ND	2.09	105	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/11/2022	ND	1.95	97.4	2.00	9.99		
Total Xylenes*	<0.150	0.150	06/11/2022	ND	6.05	101	6.00	9.16		
Total BTX	<0.300	0.300	06/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/13/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2022	ND	188	94.2	200	4.60	
DRO >C10-C28*	<10.0	10.0	06/11/2022	ND	194	97.1	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/11/2022	ND					

Surrogate: 1-Chlorooctane 95.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 33 E @ 3" (H222494-11)**

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	06/11/2022	ND	2.09	104	2.00	10.3		
Toluene*	<0.050	0.050	06/11/2022	ND	2.09	105	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/11/2022	ND	1.95	97.4	2.00	9.99		
Total Xylenes*	<0.150	0.150	06/11/2022	ND	6.05	101	6.00	9.16		
Total BTEx	<0.300	0.300	06/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/13/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2022	ND	188	94.2	200	4.60	
DRO >C10-C28*	<10.0	10.0	06/11/2022	ND	194	97.1	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/11/2022	ND					

Surrogate: 1-Chlorooctane 89.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 33 N @ 3" (H222494-12)**

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	06/11/2022	ND	2.09	104	2.00	10.3	
Toluene*	<0.050	0.050	06/11/2022	ND	2.09	105	2.00	10.6	
Ethylbenzene*	<0.050	0.050	06/11/2022	ND	1.95	97.4	2.00	9.99	
Total Xylenes*	<0.150	0.150	06/11/2022	ND	6.05	101	6.00	9.16	
Total BTEx	<0.300	0.300	06/11/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/13/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2022	ND	188	94.2	200	4.60	
DRO >C10-C28*	<10.0	10.0	06/11/2022	ND	194	97.1	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/11/2022	ND					

Surrogate: 1-Chlorooctane 94.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 34 E @ 3" (H222494-13)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2022	ND	2.09	104	2.00	10.3		
Toluene*	<0.050	0.050	06/11/2022	ND	2.09	105	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/11/2022	ND	1.95	97.4	2.00	9.99		
Total Xylenes*	<0.150	0.150	06/11/2022	ND	6.05	101	6.00	9.16		
Total BTEx	<0.300	0.300	06/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/13/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2022	ND	188	94.2	200	4.60	
DRO >C10-C28*	<10.0	10.0	06/11/2022	ND	194	97.1	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/11/2022	ND					

Surrogate: 1-Chlorooctane 91.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.2 % 59.5-142

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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 34 N @ 3" (H222494-14)**

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	06/11/2022	ND	2.09	104	2.00	10.3		
Toluene*	<0.050	0.050	06/11/2022	ND	2.09	105	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/11/2022	ND	1.95	97.4	2.00	9.99		
Total Xylenes*	<0.150	0.150	06/11/2022	ND	6.05	101	6.00	9.16		
Total BTEx	<0.300	0.300	06/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/13/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2022	ND	188	94.2	200	4.60	
DRO >C10-C28*	<10.0	10.0	06/11/2022	ND	194	97.1	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	06/11/2022	ND					

Surrogate: 1-Chlorooctane 98.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 34 W @ 3" (H222494-15)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2022	ND	2.09	104	2.00	10.3		
Toluene*	<0.050	0.050	06/11/2022	ND	2.09	105	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/11/2022	ND	1.95	97.4	2.00	9.99		
Total Xylenes*	<0.150	0.150	06/11/2022	ND	6.05	101	6.00	9.16		
Total BTEx	<0.300	0.300	06/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/13/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2022	ND	196	97.8	200	0.461	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	190	95.1	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 115 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 35 E @ 3" (H222494-16)**

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	06/11/2022	ND	2.09	104	2.00	10.3		
Toluene*	<0.050	0.050	06/11/2022	ND	2.09	105	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/11/2022	ND	1.95	97.4	2.00	9.99		
Total Xylenes*	<0.150	0.150	06/11/2022	ND	6.05	101	6.00	9.16		
Total BTX	<0.300	0.300	06/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/13/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2022	ND	196	97.8	200	0.461	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	190	95.1	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 131 % 66.9-136

Surrogate: 1-Chlorooctadecane 136 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 35 N @ 3" (H222494-17)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/11/2022	ND	2.09	104	2.00	10.3		
Toluene*	<0.050	0.050	06/11/2022	ND	2.09	105	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/11/2022	ND	1.95	97.4	2.00	9.99		
Total Xylenes*	<0.150	0.150	06/11/2022	ND	6.05	101	6.00	9.16		
Total BTEx	<0.300	0.300	06/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/13/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2022	ND	196	97.8	200	0.461	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	190	95.1	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					

Surrogate: 1-Chlorooctane 126 % 66.9-136

Surrogate: 1-Chlorooctadecane 130 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 36 N @ 3" (H222494-18)**

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	06/11/2022	ND	2.09	104	2.00	10.3		
Toluene*	<0.050	0.050	06/11/2022	ND	2.09	105	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/11/2022	ND	1.95	97.4	2.00	9.99		
Total Xylenes*	<0.150	0.150	06/11/2022	ND	6.05	101	6.00	9.16		
Total BTEx	<0.300	0.300	06/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/13/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2022	ND	196	97.8	200	0.461	
DRO >C10-C28*	<10.0	10.0	06/11/2022	ND	190	95.1	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	06/11/2022	ND					

Surrogate: 1-Chlorooctane 120 % 66.9-136

Surrogate: 1-Chlorooctadecane 123 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 36 S @ 3" (H222494-19)**

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	06/11/2022	ND	2.09	104	2.00	10.3		
Toluene*	<0.050	0.050	06/11/2022	ND	2.09	105	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/11/2022	ND	1.95	97.4	2.00	9.99		
Total Xylenes*	<0.150	0.150	06/11/2022	ND	6.05	101	6.00	9.16		
Total BTX	<0.300	0.300	06/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/13/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2022	ND	196	97.8	200	0.461	
DRO >C10-C28*	<10.0	10.0	06/11/2022	ND	190	95.1	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	06/11/2022	ND					

Surrogate: 1-Chlorooctane 122 % 66.9-136

Surrogate: 1-Chlorooctadecane 125 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 37 N @ 3" (H222494-20)**

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	06/11/2022	ND	2.09	104	2.00	10.3		
Toluene*	<0.050	0.050	06/11/2022	ND	2.09	105	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/11/2022	ND	1.95	97.4	2.00	9.99		
Total Xylenes*	<0.150	0.150	06/11/2022	ND	6.05	101	6.00	9.16		
Total BTX	<0.300	0.300	06/11/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/13/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2022	ND	196	97.8	200	0.461	
DRO >C10-C28*	<10.0	10.0	06/11/2022	ND	190	95.1	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	06/11/2022	ND					

Surrogate: 1-Chlorooctane 120 % 66.9-136

Surrogate: 1-Chlorooctadecane 125 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 37 W @ 3" (H222494-21)**

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	06/11/2022	ND	2.09	104	2.00	10.3		
Toluene*	<0.050	0.050	06/11/2022	ND	2.09	105	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/11/2022	ND	1.95	97.4	2.00	9.99		
Total Xylenes*	<0.150	0.150	06/11/2022	ND	6.05	101	6.00	9.16		
Total BTEX	<0.300	0.300	06/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/13/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2022	ND	196	97.8	200	0.461	
DRO >C10-C28*	<10.0	10.0	06/11/2022	ND	190	95.1	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	06/11/2022	ND					

Surrogate: 1-Chlorooctane 131 % 66.9-136

Surrogate: 1-Chlorooctadecane 136 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 37 S @ 3" (H222494-22)**

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	06/11/2022	ND	2.09	104	2.00	10.3		
Toluene*	<0.050	0.050	06/11/2022	ND	2.09	105	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/11/2022	ND	1.95	97.4	2.00	9.99		
Total Xylenes*	<0.150	0.150	06/11/2022	ND	6.05	101	6.00	9.16		
Total BTX	<0.300	0.300	06/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/13/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2022	ND	196	97.8	200	0.461	
DRO >C10-C28*	<10.0	10.0	06/11/2022	ND	190	95.1	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	06/11/2022	ND					

Surrogate: 1-Chlorooctane 115 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 37 @ SURFACE (H222494-23)**

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	06/11/2022	ND	2.09	104	2.00	10.3		
Toluene*	<0.050	0.050	06/11/2022	ND	2.09	105	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/11/2022	ND	1.95	97.4	2.00	9.99		
Total Xylenes*	<0.150	0.150	06/11/2022	ND	6.05	101	6.00	9.16		
Total BTX	<0.300	0.300	06/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/13/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2022	ND	196	97.8	200	0.461	
DRO >C10-C28*	<10.0	10.0	06/11/2022	ND	190	95.1	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	06/11/2022	ND					

Surrogate: 1-Chlorooctane 137 % 66.9-136

Surrogate: 1-Chlorooctadecane 140 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 36 @ SURFACE (H222494-24)**

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	06/11/2022	ND	2.09	104	2.00	10.3		
Toluene*	<0.050	0.050	06/11/2022	ND	2.09	105	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/11/2022	ND	1.95	97.4	2.00	9.99		
Total Xylenes*	<0.150	0.150	06/11/2022	ND	6.05	101	6.00	9.16		
Total BTEx	<0.300	0.300	06/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/13/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2022	ND	196	97.8	200	0.461	
DRO >C10-C28*	<10.0	10.0	06/11/2022	ND	190	95.1	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	06/11/2022	ND					

Surrogate: 1-Chlorooctane 135 % 66.9-136

Surrogate: 1-Chlorooctadecane 138 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 35 @ SURFACE (H222494-25)**

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	06/11/2022	ND	2.09	104	2.00	10.3		
Toluene*	<0.050	0.050	06/11/2022	ND	2.09	105	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/11/2022	ND	1.95	97.4	2.00	9.99		
Total Xylenes*	<0.150	0.150	06/11/2022	ND	6.05	101	6.00	9.16		
Total BTEx	<0.300	0.300	06/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/13/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2022	ND	196	97.8	200	0.461	
DRO >C10-C28*	<10.0	10.0	06/11/2022	ND	190	95.1	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	06/11/2022	ND					

Surrogate: 1-Chlorooctane 129 % 66.9-136

Surrogate: 1-Chlorooctadecane 132 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 34 @ SURFACE (H222494-26)**

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	06/11/2022	ND	2.09	104	2.00	10.3		
Toluene*	<0.050	0.050	06/11/2022	ND	2.09	105	2.00	10.6		
Ethylbenzene*	<0.050	0.050	06/11/2022	ND	1.95	97.4	2.00	9.99		
Total Xylenes*	<0.150	0.150	06/11/2022	ND	6.05	101	6.00	9.16		
Total BTX	<0.300	0.300	06/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/13/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2022	ND	196	97.8	200	0.461	
DRO >C10-C28*	<10.0	10.0	06/11/2022	ND	190	95.1	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	06/11/2022	ND					

Surrogate: 1-Chlorooctane 128 % 66.9-136

Surrogate: 1-Chlorooctadecane 131 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 33 @ SURFACE (H222494-27)**

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	06/13/2022	ND	2.08	104	2.00	0.500	
Toluene*	<0.050	0.050	06/13/2022	ND	2.07	104	2.00	0.571	
Ethylbenzene*	<0.050	0.050	06/13/2022	ND	1.95	97.4	2.00	0.124	
Total Xylenes*	<0.150	0.150	06/13/2022	ND	6.05	101	6.00	0.504	
Total BTX	<0.300	0.300	06/13/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/13/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2022	ND	196	97.8	200	0.461	
DRO >C10-C28*	<10.0	10.0	06/11/2022	ND	190	95.1	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	06/11/2022	ND					

Surrogate: 1-Chlorooctane 133 % 66.9-136

Surrogate: 1-Chlorooctadecane 137 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 32 @ SURFACE (H222494-28)**

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	06/13/2022	ND	2.08	104	2.00	0.500		
Toluene*	<0.050	0.050	06/13/2022	ND	2.07	104	2.00	0.571		
Ethylbenzene*	<0.050	0.050	06/13/2022	ND	1.95	97.4	2.00	0.124		
Total Xylenes*	<0.150	0.150	06/13/2022	ND	6.05	101	6.00	0.504		
Total BTEx	<0.300	0.300	06/13/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/13/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2022	ND	196	97.8	200	0.461	
DRO >C10-C28*	<10.0	10.0	06/11/2022	ND	190	95.1	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	06/11/2022	ND					

Surrogate: 1-Chlorooctane 131 % 66.9-136

Surrogate: 1-Chlorooctadecane 135 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/10/2022  
 Reported: 06/14/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: LEA CO., NM

Sampling Date: 06/10/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 31 @ SURFACE (H222494-29)**

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	06/13/2022	ND	2.08	104	2.00	0.500		
Toluene*	<0.050	0.050	06/13/2022	ND	2.07	104	2.00	0.571		
Ethylbenzene*	<0.050	0.050	06/13/2022	ND	1.95	97.4	2.00	0.124		
Total Xylenes*	<0.150	0.150	06/13/2022	ND	6.05	101	6.00	0.504		
Total BTX	<0.300	0.300	06/13/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/13/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2022	ND	196	97.8	200	0.461	
DRO >C10-C28*	<10.0	10.0	06/11/2022	ND	190	95.1	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	06/11/2022	ND					

Surrogate: 1-Chlorooctane 127 % 66.9-136

Surrogate: 1-Chlorooctadecane 132 % 59.5-142

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### Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

---

Celey D. Keene, Lab Director/Quality Manager



Page 32 of 34

[illegible]





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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services		BILL TO		ANALYSIS REQUEST			
Project Manager: Dan Dunkelberg		P.O. #:					
Address: 8426 N Dal Paso		Company: OXY USA Inc.					
City: Hobbs		Attn: Wade Dittich					
State: NM Zip: 88241		Address:					
Phone #:		City:					
Project #:		State:					
Project Name: Red Tank 28 Fed 3 SWD		Zip:					
Project Location: Lea Co., NM		Phone #:					
Sampler Name: RS		Fax #:					
FOR LAB USE ONLY		MATRIX		PRESERV.		SAMPLING	
Lab I.D. H32494		(G)RAB OR (C)OMP.		DATE		TIME	
Sample I.D.		# CONTAINERS		Chloride		TPH	
21 SP-37 W @ 3"		G 1		6/10/2022		10:40	
22 SP-37 S @ 3"		G 1		6/10/2022		10:45	
23 SP-37 @ 3" RS-6-10-22		G 1		6/10/2022		10:50	
24 SP-36 @ Surface SP-3-3-28		G 1		6/10/2022		10:55	
25 SP-35 @ Surface		G 1		6/10/2022		11:00	
26 SP-34 @ Surface		G 1		6/10/2022		11:05	
27 SP-33 @ Surface		G 1		6/10/2022		11:10	
28 SP-32 @ Surface		G 1		6/10/2022		11:15	
29 SP-31 @ Surface		G 1		6/10/2022		11:20	
RELEASE NOTE: Liability and Damages. Cardinal's liability and clients' exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated sessions or otherwise.		Verbal Result:		Yes		No	
Relinquished By: Dan Dunkelberg		Date: 6-10-22		Time: 13:00		Received By: [Signature]	
Relinquished By:		Date:		Time:		REMARKS:	
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool Intact		Thermometer ID #113	
		31.5°C		Yes		Correction Factor -0.5 °C	

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



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

August 23, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: RED TANK 28 FED 3 SWD

Enclosed are the results of analyses for samples received by the laboratory on 08/18/22 14:52.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 1 @ 4' (H223793-01)**

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	08/19/2022	ND	1.93	96.5	2.00	4.54	
Toluene*	<0.050	0.050	08/19/2022	ND	1.87	93.6	2.00	4.31	
Ethylbenzene*	<0.050	0.050	08/19/2022	ND	1.85	92.4	2.00	4.44	
Total Xylenes*	<0.150	0.150	08/19/2022	ND	5.72	95.3	6.00	4.81	
Total BTX	<0.300	0.300	08/19/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	08/19/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	205	103	200	3.70	
DRO >C10-C28*	<10.0	10.0	08/19/2022	ND	203	102	200	0.521	
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 144 % 45.3-161

Surrogate: 1-Chlorooctadecane 153 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 2 @ 4' (H223793-02)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2022	ND	1.93	96.5	2.00	4.54	
Toluene*	<0.050	0.050	08/19/2022	ND	1.87	93.6	2.00	4.31	
Ethylbenzene*	<0.050	0.050	08/19/2022	ND	1.85	92.4	2.00	4.44	
Total Xylenes*	<0.150	0.150	08/19/2022	ND	5.72	95.3	6.00	4.81	
Total BTX	<0.300	0.300	08/19/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1170	16.0	08/19/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	205	103	200	3.70	
DRO >C10-C28*	<10.0	10.0	08/19/2022	ND	203	102	200	0.521	
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 151 % 45.3-161

Surrogate: 1-Chlorooctadecane 161 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 3 @ 4' (H223793-03)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2022	ND	1.93	96.5	2.00	4.54	
Toluene*	<0.050	0.050	08/19/2022	ND	1.87	93.6	2.00	4.31	
Ethylbenzene*	<0.050	0.050	08/19/2022	ND	1.85	92.4	2.00	4.44	
Total Xylenes*	<0.150	0.150	08/19/2022	ND	5.72	95.3	6.00	4.81	
Total BTX	<0.300	0.300	08/19/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1600	16.0	08/19/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	205	103	200	3.70	
DRO >C10-C28*	<10.0	10.0	08/19/2022	ND	203	102	200	0.521	
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 146 % 45.3-161

Surrogate: 1-Chlorooctadecane 153 % 46.3-178

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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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 4 @ 2' (H223793-04)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2022	ND	1.93	96.5	2.00	4.54		
Toluene*	<0.050	0.050	08/19/2022	ND	1.87	93.6	2.00	4.31		
Ethylbenzene*	<0.050	0.050	08/19/2022	ND	1.85	92.4	2.00	4.44		
Total Xylenes*	<0.150	0.150	08/19/2022	ND	5.72	95.3	6.00	4.81		
Total BTEx	<0.300	0.300	08/19/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2280	16.0	08/19/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	205	103	200	3.70	
DRO >C10-C28*	135	10.0	08/19/2022	ND	203	102	200	0.521	
EXT DRO >C28-C36	71.7	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 142 % 45.3-161

Surrogate: 1-Chlorooctadecane 155 % 46.3-178

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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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 5 @ 2' (H223793-05)**

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	08/20/2022	ND	1.93	96.5	2.00	4.54		
Toluene*	<0.050	0.050	08/20/2022	ND	1.87	93.6	2.00	4.31		
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.85	92.4	2.00	4.44		
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.72	95.3	6.00	4.81		
Total BTEx	<0.300	0.300	08/20/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2680	16.0	08/19/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	205	103	200	3.70	
DRO >C10-C28*	530	10.0	08/19/2022	ND	203	102	200	0.521	
EXT DRO >C28-C36	218	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 132 % 45.3-161

Surrogate: 1-Chlorooctadecane 180 % 46.3-178

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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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 6 @ 2' (H223793-06)**

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	08/20/2022	ND	1.93	96.5	2.00	4.54		
Toluene*	<0.050	0.050	08/20/2022	ND	1.87	93.6	2.00	4.31		
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.85	92.4	2.00	4.44		
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.72	95.3	6.00	4.81		
Total BTEx	<0.300	0.300	08/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8000	16.0	08/19/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	205	103	200	3.70	
DRO >C10-C28*	135	10.0	08/19/2022	ND	203	102	200	0.521	
EXT DRO >C28-C36	66.5	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 140 % 45.3-161

Surrogate: 1-Chlorooctadecane 168 % 46.3-178

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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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 7 @ 2' (H223793-07)**

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	08/20/2022	ND	1.93	96.5	2.00	4.54	
Toluene*	<0.050	0.050	08/20/2022	ND	1.87	93.6	2.00	4.31	
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.85	92.4	2.00	4.44	
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.72	95.3	6.00	4.81	
Total BTEX	<0.300	0.300	08/20/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3000	16.0	08/19/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	205	103	200	3.70	
DRO >C10-C28*	15.0	10.0	08/19/2022	ND	203	102	200	0.521	
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 141 % 45.3-161

Surrogate: 1-Chlorooctadecane 154 % 46.3-178

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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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 8 @ 2' (H223793-08)**

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	08/20/2022	ND	1.93	96.5	2.00	4.54		
Toluene*	<0.050	0.050	08/20/2022	ND	1.87	93.6	2.00	4.31		
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.85	92.4	2.00	4.44		
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.72	95.3	6.00	4.81		
Total BTX	<0.300	0.300	08/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1630	16.0	08/19/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	205	103	200	3.70	
DRO >C10-C28*	<10.0	10.0	08/19/2022	ND	203	102	200	0.521	
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 129 % 45.3-161

Surrogate: 1-Chlorooctadecane 142 % 46.3-178

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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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 9 @ 4' (H223793-09)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2022	ND	1.93	96.5	2.00	4.54	
Toluene*	<0.050	0.050	08/20/2022	ND	1.87	93.6	2.00	4.31	
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.85	92.4	2.00	4.44	
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.72	95.3	6.00	4.81	
Total BTEX	<0.300	0.300	08/20/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	08/19/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	205	103	200	3.70	
DRO >C10-C28*	<10.0	10.0	08/19/2022	ND	203	102	200	0.521	
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 138 % 45.3-161

Surrogate: 1-Chlorooctadecane 152 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 10 @ 4' (H223793-10)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2022	ND	1.93	96.5	2.00	4.54	
Toluene*	<0.050	0.050	08/20/2022	ND	1.87	93.6	2.00	4.31	
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.85	92.4	2.00	4.44	
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.72	95.3	6.00	4.81	
Total BTX	<0.300	0.300	08/20/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	08/19/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	205	103	200	3.70	
DRO >C10-C28*	<10.0	10.0	08/19/2022	ND	203	102	200	0.521	
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 130 % 45.3-161

Surrogate: 1-Chlorooctadecane 142 % 46.3-178

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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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 11 @ 4' (H223793-11)**

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	08/20/2022	ND	1.93	96.5	2.00	4.54	
Toluene*	<0.050	0.050	08/20/2022	ND	1.87	93.6	2.00	4.31	
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.85	92.4	2.00	4.44	
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.72	95.3	6.00	4.81	
Total BTEX	<0.300	0.300	08/20/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5200	16.0	08/19/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2022	ND	205	103	200	3.70	
DRO >C10-C28*	<10.0	10.0	08/22/2022	ND	203	102	200	0.521	
EXT DRO >C28-C36	<10.0	10.0	08/22/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.8 % 46.3-178

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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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 12 @ 4' (H223793-12)**

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	08/20/2022	ND	1.93	96.5	2.00	4.54	
Toluene*	<0.050	0.050	08/20/2022	ND	1.87	93.6	2.00	4.31	
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.85	92.4	2.00	4.44	
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.72	95.3	6.00	4.81	
Total BTX	<0.300	0.300	08/20/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3680	16.0	08/19/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	205	103	200	3.70	
DRO >C10-C28*	<10.0	10.0	08/19/2022	ND	203	102	200	0.521	
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 136 % 45.3-161

Surrogate: 1-Chlorooctadecane 145 % 46.3-178

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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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 13 @ 1' (H223793-13)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2022	ND	1.93	96.5	2.00	4.54		
Toluene*	<0.050	0.050	08/20/2022	ND	1.87	93.6	2.00	4.31		
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.85	92.4	2.00	4.44		
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.72	95.3	6.00	4.81		
Total BTEX	<0.300	0.300	08/20/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	08/19/2022	ND	432	108	400	7.14	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	08/19/2022	ND	205	103	200	3.70	
DRO >C10-C28*	<10.0	10.0	08/19/2022	ND	203	102	200	0.521	
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 141 % 45.3-161

Surrogate: 1-Chlorooctadecane 155 % 46.3-178

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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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 14 @ 1' (H223793-14)**

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	08/20/2022	ND	1.93	96.5	2.00	4.54		
Toluene*	<0.050	0.050	08/20/2022	ND	1.87	93.6	2.00	4.31		
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.85	92.4	2.00	4.44		
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.72	95.3	6.00	4.81		
Total BTEx	<0.300	0.300	08/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	928	16.0	08/19/2022	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	205	103	200	3.70	
DRO >C10-C28*	<10.0	10.0	08/19/2022	ND	203	102	200	0.521	
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 131 % 45.3-161

Surrogate: 1-Chlorooctadecane 145 % 46.3-178

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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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 15 @ 1' (H223793-15)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2022	ND	1.93	96.5	2.00	4.54		
Toluene*	<0.050	0.050	08/20/2022	ND	1.87	93.6	2.00	4.31		
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.85	92.4	2.00	4.44		
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.72	95.3	6.00	4.81		
Total BTEx	<0.300	0.300	08/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3280	16.0	08/19/2022	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	205	103	200	3.70	
DRO >C10-C28*	14.5	10.0	08/19/2022	ND	203	102	200	0.521	
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 140 % 45.3-161

Surrogate: 1-Chlorooctadecane 153 % 46.3-178

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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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 16 @ 1' (H223793-16)**

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	08/20/2022	ND	1.93	96.5	2.00	4.54		
Toluene*	<0.050	0.050	08/20/2022	ND	1.87	93.6	2.00	4.31		
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.85	92.4	2.00	4.44		
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.72	95.3	6.00	4.81		
Total BTEx	<0.300	0.300	08/20/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2920	16.0	08/19/2022	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	205	103	200	3.70	
DRO >C10-C28*	20.0	10.0	08/19/2022	ND	203	102	200	0.521	
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 136 % 45.3-161

Surrogate: 1-Chlorooctadecane 153 % 46.3-178

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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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 17 @ 1' (H223793-17)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2022	ND	1.93	96.5	2.00	4.54		
Toluene*	<0.050	0.050	08/20/2022	ND	1.87	93.6	2.00	4.31		
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.85	92.4	2.00	4.44		
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.72	95.3	6.00	4.81		
Total BTEX	<0.300	0.300	08/20/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3840	16.0	08/19/2022	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	206	103	200	4.47	
DRO >C10-C28*	65.1	10.0	08/19/2022	ND	230	115	200	5.87	
EXT DRO >C28-C36	75.6	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 121 % 45.3-161

Surrogate: 1-Chlorooctadecane 149 % 46.3-178

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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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 18 @ 1' (H223793-18)**

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	08/20/2022	ND	1.93	96.5	2.00	4.54		
Toluene*	<0.050	0.050	08/20/2022	ND	1.87	93.6	2.00	4.31		
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.85	92.4	2.00	4.44		
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.72	95.3	6.00	4.81		
Total BTEx	<0.300	0.300	08/20/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3040	16.0	08/19/2022	ND	432	108	400	7.14		

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	08/19/2022	ND	206	103	200	4.47	
DRO >C10-C28*	508	10.0	08/19/2022	ND	230	115	200	5.87	
EXT DRO >C28-C36	199	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 126 % 45.3-161

Surrogate: 1-Chlorooctadecane 205 % 46.3-178

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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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 19 @ 1' (H223793-19)**

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	08/20/2022	ND	1.93	96.5	2.00	4.54		
Toluene*	<0.050	0.050	08/20/2022	ND	1.87	93.6	2.00	4.31		
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.85	92.4	2.00	4.44		
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.72	95.3	6.00	4.81		
Total BTX	<0.300	0.300	08/20/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2640	16.0	08/19/2022	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	206	103	200	4.47	
DRO >C10-C28*	34.1	10.0	08/19/2022	ND	230	115	200	5.87	
EXT DRO >C28-C36	26.4	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 123 % 45.3-161

Surrogate: 1-Chlorooctadecane 153 % 46.3-178

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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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 20 @ 4' (H223793-20)**

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	08/20/2022	ND	1.93	96.5	2.00	4.54		
Toluene*	<0.050	0.050	08/20/2022	ND	1.87	93.6	2.00	4.31		
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.85	92.4	2.00	4.44		
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.72	95.3	6.00	4.81		
Total BTEX	<0.300	0.300	08/20/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	08/19/2022	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	206	103	200	4.47	
DRO >C10-C28*	<10.0	10.0	08/19/2022	ND	230	115	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 136 % 45.3-161

Surrogate: 1-Chlorooctadecane 168 % 46.3-178

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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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: DF - 1 @ SURFACE (H223793-21)**

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	08/20/2022	ND	1.90	95.1	2.00	7.37		
Toluene*	<0.050	0.050	08/20/2022	ND	1.84	91.9	2.00	7.76		
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.80	90.2	2.00	8.22		
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.56	92.7	6.00	8.94		
Total BTX	<0.300	0.300	08/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	26000	16.0	08/19/2022	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	206	103	200	4.47	
DRO >C10-C28*	18.3	10.0	08/19/2022	ND	230	115	200	5.87	
EXT DRO >C28-C36	12.9	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 121 % 45.3-161

Surrogate: 1-Chlorooctadecane 154 % 46.3-178

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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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: DF - 1 @ 1' (H223793-22)**

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	08/20/2022	ND	1.90	95.1	2.00	7.37		
Toluene*	<0.050	0.050	08/20/2022	ND	1.84	91.9	2.00	7.76		
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.80	90.2	2.00	8.22		
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.56	92.7	6.00	8.94		
Total BTX	<0.300	0.300	08/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	19600	16.0	08/19/2022	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	206	103	200	4.47	
DRO >C10-C28*	<10.0	10.0	08/19/2022	ND	230	115	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 131 % 45.3-161

Surrogate: 1-Chlorooctadecane 161 % 46.3-178

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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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: DF - 1 @ 2' (H223793-23)**

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	08/20/2022	ND	1.90	95.1	2.00	7.37		
Toluene*	<0.050	0.050	08/20/2022	ND	1.84	91.9	2.00	7.76		
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.80	90.2	2.00	8.22		
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.56	92.7	6.00	8.94		
Total BTX	<0.300	0.300	08/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	08/19/2022	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	206	103	200	4.47	
DRO >C10-C28*	70.0	10.0	08/19/2022	ND	230	115	200	5.87	
EXT DRO >C28-C36	24.3	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 131 % 45.3-161

Surrogate: 1-Chlorooctadecane 163 % 46.3-178

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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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: DF - 1 @ 3' (H223793-24)**

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	08/20/2022	ND	1.90	95.1	2.00	7.37		
Toluene*	<0.050	0.050	08/20/2022	ND	1.84	91.9	2.00	7.76		
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.80	90.2	2.00	8.22		
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.56	92.7	6.00	8.94		
Total BTEx	<0.300	0.300	08/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1760	16.0	08/19/2022	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	206	103	200	4.47	
DRO >C10-C28*	<10.0	10.0	08/19/2022	ND	230	115	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 136 % 45.3-161

Surrogate: 1-Chlorooctadecane 167 % 46.3-178

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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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: DF - 1 @ 4' (H223793-25)**

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	08/20/2022	ND	1.90	95.1	2.00	7.37		
Toluene*	<0.050	0.050	08/20/2022	ND	1.84	91.9	2.00	7.76		
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.80	90.2	2.00	8.22		
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.56	92.7	6.00	8.94		
Total BTX	<0.300	0.300	08/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1720	16.0	08/19/2022	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	206	103	200	4.47	
DRO >C10-C28*	<10.0	10.0	08/19/2022	ND	230	115	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 124 % 45.3-161

Surrogate: 1-Chlorooctadecane 152 % 46.3-178

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: 08/18/2022  
 Reported: 08/23/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/18/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: DF - 1 @ 5' (H223793-26)**

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	08/20/2022	ND	1.90	95.1	2.00	7.37		
Toluene*	<0.050	0.050	08/20/2022	ND	1.84	91.9	2.00	7.76		
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.80	90.2	2.00	8.22		
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.56	92.7	6.00	8.94		
Total BTX	<0.300	0.300	08/20/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1680	16.0	08/19/2022	ND	432	108	400	7.14		

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	08/19/2022	ND	206	103	200	4.47	
DRO >C10-C28*	<10.0	10.0	08/19/2022	ND	230	115	200	5.87	
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 155 % 45.3-161

Surrogate: 1-Chlorooctadecane 188 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager

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### Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CARDINAL Laboratories				101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	
Company Name: Trinity Oilfield Services				P.O. #:		BILL TO	
Project Manager: Dan Dunkelberg				Company: OXY USA Inc.		ANALYSIS REQUEST	
Address: 8426 N Dal Paso				Attn: Wade Dittich			
City: Hobbs				State: NM Zip: 88241			
Phone #:				Project Owner: (see below)			
Project #: Red Tank 28 Fed 3 SWD				City:			
Project Name: Lea Co., NM				State:			
Project Location: RS				Phone #:			
Sample Name: RS				Fax #:			
FOR LAB USE ONLY				MATRIX		PRESERV.	
Lab I.D. <b>40339B</b>				DATE		TIME	
Sample I.D.				DATE		TIME	
CF-1 @ 4'	C 1	X	8/18/2022	8:00	X	X	
CF-2 @ 4'	C 1	X	8/18/2022	8:05	X	X	
CF-3 @ 4'	C 1	X	8/18/2022	8:10	X	X	
CF-4 @ 2'	C 1	X	8/18/2022	8:15	X	X	
CF-5 @ 2'	C 1	X	8/18/2022	8:20	X	X	
CF-6 @ 2'	C 1	X	8/18/2022	8:25	X	X	
CF-7 @ 2'	C 1	X	8/18/2022	8:30	X	X	
CF-8 @ 2'	C 1	X	8/18/2022	8:35	X	X	
CF-9 @ 4'	C 1	X	8/18/2022	8:40	X	X	
CF-10 @ 4'	C 1	X	8/18/2022	8:45	X	X	
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Retained By: <b>Xcelite Culmer</b>				BTEX			
Relinquished By: <b>Spedriquet</b>							
Date: <b>8/18/2022</b>							
Time: <b>1452</b>							
Received By: <b>Spedriquet</b>							
Remarks:							
Delivered By: (Circle One)				Turnaround Time:		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Sampler - UPS - Bus - Other:				Thermometer ID #113		Bacteria (only) Sample Condition	
Observed Temp. °C <b>32.8</b>				Correction Factor: °C <b>-0.10</b>		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
Corrected Temp. °C <b>32.7</b>						Observed Temp. °C	
						Corrected Temp. °C	

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

**8/18/2022**

8/28/18/22

to celine.keene@cardinalabbasnm.com





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August 30, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: RED TANK 28 FED 3 SWD

Enclosed are the results of analyses for samples received by the laboratory on 08/25/22 15:23.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 21 @ 1' (H223923-01)**

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	08/27/2022	ND	1.87	93.5	2.00	8.28	
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	89.8	2.00	8.50	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	8.58	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.44	90.6	6.00	9.23	
Total BTX	<0.300	0.300	08/27/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2300	16.0	08/26/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	196	98.2	200	2.06	
DRO >C10-C28*	42.3	10.0	08/26/2022	ND	182	91.0	200	1.15	
EXT DRO >C28-C36	25.8	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 81.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.4 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 22 @ 1' (H223923-02)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.87	93.5	2.00	8.28		
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	89.8	2.00	8.50		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	8.58		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.44	90.6	6.00	9.23		
Total BTX	<0.300	0.300	08/27/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2440	16.0	08/26/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	196	98.2	200	2.06	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	182	91.0	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 80.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.7 % 46.3-178

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: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 23 @ 1' (H223923-03)**

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	08/27/2022	ND	1.87	93.5	2.00	8.28		
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	89.8	2.00	8.50		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	8.58		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.44	90.6	6.00	9.23		
Total BTEx	<0.300	0.300	08/27/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5280	16.0	08/26/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	196	98.2	200	2.06	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	182	91.0	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 72.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.3 % 46.3-178

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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: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 24 @ 1' (H223923-04)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.87	93.5	2.00	8.28		
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	89.8	2.00	8.50		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	8.58		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.44	90.6	6.00	9.23		
Total BTX	<0.300	0.300	08/27/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4720	16.0	08/26/2022	ND	416	104	400	3.77	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	196	98.2	200	2.06	
DRO >C10-C28*	434	10.0	08/26/2022	ND	182	91.0	200	1.15	
EXT DRO >C28-C36	907	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 73.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.9 % 46.3-178

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 25 @ 1' (H223923-05)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.87	93.5	2.00	8.28		
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	89.8	2.00	8.50		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	8.58		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.44	90.6	6.00	9.23		
Total BTX	<0.300	0.300	08/27/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	08/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	230	115	200	4.43	
DRO >C10-C28*	274	10.0	08/26/2022	ND	224	112	200	3.06	
EXT DRO >C28-C36	384	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 87.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.0 % 46.3-178

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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: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CF - 26 @ 1' (H223923-06)**

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	08/27/2022	ND	1.87	93.5	2.00	8.28		
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	89.8	2.00	8.50		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	8.58		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.44	90.6	6.00	9.23		
Total BTEx	<0.300	0.300	08/27/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	08/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	230	115	200	4.43	
DRO >C10-C28*	23.3	10.0	08/26/2022	ND	224	112	200	3.06	
EXT DRO >C28-C36	47.5	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 79.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.6 % 46.3-178

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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



ANALYSIS REQUEST

[illegible]

Page 9 of 9



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

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September 01, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: RED TANK 28 FED 3 SWD

Enclosed are the results of analyses for samples received by the laboratory on 08/26/22 14:33.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/26/2022  
 Reported: 09/01/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 27 @ 1' (H223941-01)**

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	08/30/2022	ND	2.14	107	2.00	8.23	
Toluene*	<0.050	0.050	08/30/2022	ND	2.07	104	2.00	8.02	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.02	101	2.00	7.45	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.24	104	6.00	6.45	
Total BTEX	<0.300	0.300	08/30/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/29/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	192	96.0	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	181	90.4	200	0.698	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					

Surrogate: 1-Chlorooctane 75.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.5 % 46.3-178

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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: 08/26/2022  
 Reported: 09/01/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 28 @ 1' (H223941-02)**

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	08/30/2022	ND	2.14	107	2.00	8.23		
Toluene*	<0.050	0.050	08/30/2022	ND	2.07	104	2.00	8.02		
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.02	101	2.00	7.45		
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.24	104	6.00	6.45		
Total BTEx	<0.300	0.300	08/30/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/29/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	192	96.0	200	1.08	
DRO >C10-C28*	73.6	10.0	08/29/2022	ND	181	90.4	200	0.698	
EXT DRO >C28-C36	143	10.0	08/29/2022	ND					

Surrogate: 1-Chlorooctane 73.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 76.9 % 46.3-178

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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: 08/26/2022  
 Reported: 09/01/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 29 @ 1' (H223941-03)**

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	08/30/2022	ND	2.14	107	2.00	8.23	
Toluene*	<0.050	0.050	08/30/2022	ND	2.07	104	2.00	8.02	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.02	101	2.00	7.45	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.24	104	6.00	6.45	
Total BTEx	<0.300	0.300	08/30/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/29/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	192	96.0	200	1.08	
DRO >C10-C28*	13.3	10.0	08/29/2022	ND	181	90.4	200	0.698	
EXT DRO >C28-C36	22.8	10.0	08/29/2022	ND					

Surrogate: 1-Chlorooctane 73.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 74.3 % 46.3-178

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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: 08/26/2022  
 Reported: 09/01/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 30 @ 1' (H223941-04)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2022	ND	2.14	107	2.00	8.23		
Toluene*	<0.050	0.050	08/30/2022	ND	2.07	104	2.00	8.02		
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.02	101	2.00	7.45		
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.24	104	6.00	6.45		
Total BTEx	<0.300	0.300	08/30/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	08/29/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	192	96.0	200	1.08	
DRO >C10-C28*	156	10.0	08/29/2022	ND	181	90.4	200	0.698	
EXT DRO >C28-C36	192	10.0	08/29/2022	ND					

Surrogate: 1-Chlorooctane 71.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 66.3 % 46.3-178

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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: 08/26/2022  
 Reported: 09/01/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 31 @ 1' (H223941-05)**

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	08/30/2022	ND	2.14	107	2.00	8.23	
Toluene*	<0.050	0.050	08/30/2022	ND	2.07	104	2.00	8.02	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.02	101	2.00	7.45	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.24	104	6.00	6.45	
Total BTEx	<0.300	0.300	08/30/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/29/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	192	96.0	200	1.08	
DRO >C10-C28*	56.2	10.0	08/29/2022	ND	181	90.4	200	0.698	
EXT DRO >C28-C36	82.6	10.0	08/29/2022	ND					

Surrogate: 1-Chlorooctane 68.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 71.4 % 46.3-178

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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: 08/26/2022  
 Reported: 09/01/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 32 @ 1' (H223941-06)**

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	08/30/2022	ND	2.14	107	2.00	8.23	
Toluene*	<0.050	0.050	08/30/2022	ND	2.07	104	2.00	8.02	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.02	101	2.00	7.45	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.24	104	6.00	6.45	
Total BTEX	<0.300	0.300	08/30/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	08/29/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	192	96.0	200	1.08	
DRO >C10-C28*	10.7	10.0	08/29/2022	ND	181	90.4	200	0.698	
EXT DRO >C28-C36	12.1	10.0	08/29/2022	ND					

Surrogate: 1-Chlorooctane 63.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 62.2 % 46.3-178

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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: 08/26/2022  
 Reported: 09/01/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 33 @ 1' (H223941-07)**

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	08/30/2022	ND	2.14	107	2.00	8.23	
Toluene*	<0.050	0.050	08/30/2022	ND	2.07	104	2.00	8.02	
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.02	101	2.00	7.45	
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.24	104	6.00	6.45	
Total BTEx	<0.300	0.300	08/30/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	08/29/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	192	96.0	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	181	90.4	200	0.698	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					

Surrogate: 1-Chlorooctane 53.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 52.9 % 46.3-178

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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: 08/26/2022  
 Reported: 09/01/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 34 @ 1' (H223941-08)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2022	ND	2.14	107	2.00	8.23		
Toluene*	<0.050	0.050	08/30/2022	ND	2.07	104	2.00	8.02		
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.02	101	2.00	7.45		
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.24	104	6.00	6.45		
Total BTEx	<0.300	0.300	08/30/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	08/29/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2022	ND	192	96.0	200	1.08	
DRO >C10-C28*	<10.0	10.0	08/30/2022	ND	181	90.4	200	0.698	
EXT DRO >C28-C36	<10.0	10.0	08/30/2022	ND					

Surrogate: 1-Chlorooctane 77.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.3 % 46.3-178

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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: 08/26/2022  
 Reported: 09/01/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 35 @ 1' (H223941-09)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2022	ND	2.14	107	2.00	8.23		
Toluene*	<0.050	0.050	08/30/2022	ND	2.07	104	2.00	8.02		
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.02	101	2.00	7.45		
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.24	104	6.00	6.45		
Total BTEx	<0.300	0.300	08/30/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	08/29/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	203	102	200	1.49	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	216	108	200	0.129	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					

Surrogate: 1-Chlorooctane 87.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.4 % 46.3-178

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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: 08/26/2022  
 Reported: 09/01/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 36 @ 1' (H223941-10)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2022	ND	2.14	107	2.00	8.23		
Toluene*	<0.050	0.050	08/30/2022	ND	2.07	104	2.00	8.02		
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.02	101	2.00	7.45		
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.24	104	6.00	6.45		
Total BTEx	<0.300	0.300	08/30/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	08/29/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	203	102	200	1.49	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	216	108	200	0.129	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.9 % 46.3-178

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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: 08/26/2022  
 Reported: 09/01/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 37 @ 1' (H223941-11)**

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	08/30/2022	ND	2.14	107	2.00	8.23		
Toluene*	<0.050	0.050	08/30/2022	ND	2.07	104	2.00	8.02		
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	2.02	101	2.00	7.45		
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.24	104	6.00	6.45		
Total BTEx	<0.300	0.300	08/30/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8660	16.0	08/29/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	203	102	200	1.49	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	216	108	200	0.129	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					

Surrogate: 1-Chlorooctane 86.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.8 % 46.3-178

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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: 08/26/2022  
 Reported: 09/01/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 38 @ 1' (H223941-12)**

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	08/30/2022	ND	2.07	104	2.00	5.76		
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	100	2.00	5.98		
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.97	98.4	2.00	5.86		
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.14	102	6.00	6.45		
Total BTEx	<0.300	0.300	08/30/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6640	16.0	08/29/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	203	102	200	1.49	
DRO >C10-C28*	20.2	10.0	08/29/2022	ND	216	108	200	0.129	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					

Surrogate: 1-Chlorooctane 84.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.6 % 46.3-178

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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: 08/26/2022  
 Reported: 09/01/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 39 @ 1' (H223941-13)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2022	ND	2.07	104	2.00	5.76		
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	100	2.00	5.98		
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.4	2.00	5.86		
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.14	102	6.00	6.45		
Total BTEx	<0.300	0.300	08/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	08/29/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	203	102	200	1.49	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	216	108	200	0.129	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					

Surrogate: 1-Chlorooctane 92.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.9 % 46.3-178

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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: 08/26/2022  
 Reported: 09/01/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 40 @ 1' (H223941-14)**

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	08/30/2022	ND	2.07	104	2.00	5.76		
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	100	2.00	5.98		
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.97	98.4	2.00	5.86		
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.14	102	6.00	6.45		
Total BTEX	<0.300	0.300	08/30/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	08/29/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	203	102	200	1.49	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	216	108	200	0.129	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.7 % 46.3-178

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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: 08/26/2022  
 Reported: 09/01/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 41 @ 1' (H223941-15)**

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	08/31/2022	ND	2.07	104	2.00	5.76		
Toluene*	<0.050	0.050	08/31/2022	ND	2.00	100	2.00	5.98		
Ethylbenzene*	<0.050	0.050	08/31/2022	ND	1.97	98.4	2.00	5.86		
Total Xylenes*	<0.150	0.150	08/31/2022	ND	6.14	102	6.00	6.45		
Total BTX	<0.300	0.300	08/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1520	16.0	08/29/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	203	102	200	1.49	
DRO >C10-C28*	25.5	10.0	08/29/2022	ND	216	108	200	0.129	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.1 % 46.3-178

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: 08/26/2022  
 Reported: 09/01/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 42 @ 1' (H223941-16)**

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	08/30/2022	ND	2.07	104	2.00	5.76		
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	100	2.00	5.98		
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.97	98.4	2.00	5.86		
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.14	102	6.00	6.45		
Total BTX	<0.300	0.300	08/30/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1140	16.0	08/29/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	203	102	200	1.49	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	216	108	200	0.129	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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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: 08/26/2022  
 Reported: 09/01/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 43 @ 1' (H223941-17)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2022	ND	2.07	104	2.00	5.76		
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	100	2.00	5.98		
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.97	98.4	2.00	5.86		
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.14	102	6.00	6.45		
Total BTEx	<0.300	0.300	08/30/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4480	16.0	08/29/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	203	102	200	1.49	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	216	108	200	0.129	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					

Surrogate: 1-Chlorooctane 92.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.3 % 46.3-178

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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: 08/26/2022  
 Reported: 09/01/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CW - 2 @ 1' (H223941-18)**

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	08/30/2022	ND	2.07	104	2.00	5.76		
Toluene*	<0.050	0.050	08/30/2022	ND	2.00	100	2.00	5.98		
Ethylbenzene*	<0.050	0.050	08/30/2022	ND	1.97	98.4	2.00	5.86		
Total Xylenes*	<0.150	0.150	08/30/2022	ND	6.14	102	6.00	6.45		
Total BTEX	<0.300	0.300	08/30/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/29/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	203	102	200	1.49	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	216	108	200	0.129	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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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".

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Celey D. Keene, Lab Director/Quality Manager

<b>CARDINAL Laboratories</b> 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		<b>CHAIN-OF-CUSTODY AND ANALYSIS REQUEST</b>	
Company Name: Trinity Oilfield Services Project Manager: Dan Dunkelberg Address: 8426 N Dal Paso City: Hobbs State: NM Zip: 88241 Phone #: Fax #: Project #: Project Name: Red Tank 28 Fed 3 SMD Project Location: Lea Co., NM Sample Name: RS		P.O. #: Company: OXY USA Inc. Attn: Wade Dittich Address: City: State: Zip: Phone #: Fax #: <b>BILL TO</b>	
ANALYSIS REQUEST		ANALYSIS REQUEST	
FOR LAB USE ONLY		MATRIX PRESERV. SAMPLING	
Lab I.D. <b>H223941</b>	Sample I.D. (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME	Chloride TPH BTEX
1	CF-27 @ 1'	C 1	X
2	CF-28 @ 1'	C 1	X
3	CF-29 @ 1'	C 1	X
4	CF-30 @ 1'	C 1	X
5	CF-31 @ 1'	C 1	X
6	CF-32 @ 1'	C 1	X
7	CF-33 @ 1'	C 1	X
8	CF-34 @ 1'	C 1	X
9	CF-35 @ 1'	C 1	X
10	CF-36 @ 1'	C 1	X
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Relinquished By: Date: 8/26/22 Time: 1438		Received By: Date: 8/26/22 Time: 1438	
Relinquished By: Date: Time:		Received By: Date: Time:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: (Initials) Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Observed Temp. °C: 29.2 Corrected Temp. °C: 28.6		Thermometer ID #113 Correction Factor -0.1°C Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C: Corrected Temp. °C:	
Verbal Result: All Results are emailed. Please provide Email address: Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:			

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

<b>CARDINAL Laboratories</b> 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		<b>CHAIN-OF-CUSTODY AND ANALYSIS REQUEST</b>	
<b>Company Name:</b> Trinity Oilfield Services <b>Project Manager:</b> Dan Dunkelberg <b>Address:</b> 8426 N Dal Paso <b>City:</b> Hobbs <b>State:</b> NM <b>Zip:</b> 88241 <b>Phone #:</b> <b>Fax #:</b> <b>Project #:</b> <b>Project Name:</b> Red Tank 28 Fed 3 SMD <b>Project Location:</b> Lea Co., NM <b>Sampler Name:</b> RS		<b>BILL TO</b> <b>P.O. #:</b> <b>Company:</b> OXY USA, Inc. <b>Attn:</b> Waste Disposal <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>	
<b>FOR LAB USE ONLY</b>		<b>ANALYSIS REQUEST</b>	
<b>Lab I.D.</b> H223941	<b>Sample I.D.</b> (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	<b>DATE</b> 8/26/2022	<b>TIME</b> Chloride TPH BTEX
11 CF-37 @ 1'	C 1	X	X
12 CF-38 @ 1'	C 1	X	X
13 CF-39 @ 1'	C 1	X	X
14 CF-40 @ 1'	C 1	X	X
15 CF-41 @ 1'	C 1	X	X
16 CF-42 @ 1'	C 1	X	X
17 CF-43 @ 1'	C 1	X	X
18 CM-2 @ 1'	C 1	X	X

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**Relinquished By:** [Signature] **Date:** 8/26/22 **Received By:** [Signature] **Date:** 8/26/22

**Relinquished By:** [Signature] **Date:** 8/26/22 **Received By:** [Signature] **Date:** 8/26/22

**REMARKS:**

**Delivered By: (Circle One)** ☒ **Observed Temp. °C:** 29.2 **Corrected Temp. °C:** 28.1 **Sample Condition:** ☒ **Checked By:** [Signature] **Turnaround Time:** **Standard** ☒ **Rush** ☐ **Bacteria (only) Sample Condition:** ☒ **Cool Intact:** ☒ **Observed Temp. °C:** **Corrected Temp. °C:**

**Sampler - UPS - Bus - Other:** **Thermometer ID #113** **Correction Factor: 0.3 °C** **T0: 8/26/22**

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



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

---

September 06, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: RED TANK 28 FED 3 SWD

Enclosed are the results of analyses for samples received by the laboratory on 08/31/22 14:25.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	08/31/2022	Sampling Date:	08/31/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	RED TANK 28 FED 3 SWD	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO., NM		

**Sample ID: CF - 44 @ 1' (H224014-01)**

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	09/02/2022	ND	2.05	103	2.00	1.29	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.99	99.3	2.00	1.44	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	6.12	102	6.00	0.683	
Total BTX	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	432	108	400	3.77	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2022	ND	217	108	200	0.349	
DRO >C10-C28*	<10.0	10.0	09/03/2022	ND	219	110	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/03/2022	ND					

Surrogate: 1-Chlorooctane 79.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.3 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 45 @ 1' (H224014-02)**

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	09/02/2022	ND	2.05	103	2.00	1.29	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.99	99.3	2.00	1.44	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	6.12	102	6.00	0.683	
Total BTEx	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2022	ND	217	108	200	0.349	
DRO >C10-C28*	<10.0	10.0	09/03/2022	ND	219	110	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/03/2022	ND					

Surrogate: 1-Chlorooctane 99.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 46 @ 1' (H224014-03)**

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	09/02/2022	ND	2.05	103	2.00	1.29	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.99	99.3	2.00	1.44	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	6.12	102	6.00	0.683	
Total BTEx	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/02/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2022	ND	217	108	200	0.349	
DRO >C10-C28*	<10.0	10.0	09/03/2022	ND	219	110	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/03/2022	ND					

Surrogate: 1-Chlorooctane 83.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.8 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 47 @ 1' (H224014-04)**

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	09/02/2022	ND	2.05	103	2.00	1.29	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.99	99.3	2.00	1.44	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	6.12	102	6.00	0.683	
Total BTEx	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2022	ND	217	108	200	0.349	
DRO >C10-C28*	<10.0	10.0	09/03/2022	ND	219	110	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/03/2022	ND					

Surrogate: 1-Chlorooctane 77.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.4 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 48 @ 1' (H224014-05)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	2.05	103	2.00	1.29	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.99	99.3	2.00	1.44	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	6.12	102	6.00	0.683	
Total BTX	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2022	ND	217	108	200	0.349	
DRO >C10-C28*	<10.0	10.0	09/03/2022	ND	219	110	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/03/2022	ND					

Surrogate: 1-Chlorooctane 73.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.7 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 49 @ 1' (H224014-06)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	2.05	103	2.00	1.29	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.99	99.3	2.00	1.44	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	6.12	102	6.00	0.683	
Total BTX	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2022	ND	217	108	200	0.349	
DRO >C10-C28*	<10.0	10.0	09/03/2022	ND	219	110	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/03/2022	ND					

Surrogate: 1-Chlorooctane 88.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 50 @ 1' (H224014-07)**

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	09/02/2022	ND	1.97	98.4	2.00	3.04		
Toluene*	<0.050	0.050	09/02/2022	ND	1.96	97.8	2.00	3.60		
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.91	95.3	2.00	3.76		
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.92	98.7	6.00	3.85		
Total BTEx	<0.300	0.300	09/02/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/02/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2022	ND	217	108	200	0.349	
DRO >C10-C28*	11.3	10.0	09/03/2022	ND	219	110	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/03/2022	ND					

Surrogate: 1-Chlorooctane 83.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.7 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 51 @ 1' (H224014-08)**

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	09/02/2022	ND	1.97	98.4	2.00	3.04		
Toluene*	<0.050	0.050	09/02/2022	ND	1.96	97.8	2.00	3.60		
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.91	95.3	2.00	3.76		
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.92	98.7	6.00	3.85		
Total BTX	<0.300	0.300	09/02/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/02/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	197	98.5	200	3.22	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	215	107	200	0.948	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 128 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 52 @ 1' (H224014-09)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/02/2022	ND	1.97	98.4	2.00	3.04		
Toluene*	<0.050	0.050	09/02/2022	ND	1.96	97.8	2.00	3.60		
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.91	95.3	2.00	3.76		
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.92	98.7	6.00	3.85		
Total BTEx	<0.300	0.300	09/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3840	16.0	09/02/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	197	98.5	200	3.22	
DRO >C10-C28*	20.4	10.0	09/01/2022	ND	215	107	200	0.948	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 95.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 53 @ 1' (H224014-10)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/02/2022	ND	1.97	98.4	2.00	3.04		
Toluene*	<0.050	0.050	09/02/2022	ND	1.96	97.8	2.00	3.60		
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.91	95.3	2.00	3.76		
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.92	98.7	6.00	3.85		
Total BTX	<0.300	0.300	09/02/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5600	16.0	09/02/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	197	98.5	200	3.22	
DRO >C10-C28*	11.3	10.0	09/01/2022	ND	215	107	200	0.948	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 94.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 54 @ 1' (H224014-11)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/02/2022	ND	1.97	98.4	2.00	3.04		
Toluene*	<0.050	0.050	09/02/2022	ND	1.96	97.8	2.00	3.60		
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.91	95.3	2.00	3.76		
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.92	98.7	6.00	3.85		
Total BTX	<0.300	0.300	09/02/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9730	16.0	09/02/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	197	98.5	200	3.22	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	215	107	200	0.948	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 94.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 55 @ 1' (H224014-12)**

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	09/02/2022	ND	1.97	98.4	2.00	3.04		
Toluene*	<0.050	0.050	09/02/2022	ND	1.96	97.8	2.00	3.60		
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.91	95.3	2.00	3.76		
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.92	98.7	6.00	3.85		
Total BTEx	<0.300	0.300	09/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5760	16.0	09/02/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	197	98.5	200	3.22	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	215	107	200	0.948	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 99.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 56 @ 1' (H224014-13)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2022	ND	1.97	98.4	2.00	3.04		
Toluene*	<0.050	0.050	09/03/2022	ND	1.96	97.8	2.00	3.60		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.91	95.3	2.00	3.76		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	5.92	98.7	6.00	3.85		
Total BTEx	<0.300	0.300	09/03/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	09/02/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	197	98.5	200	3.22	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	215	107	200	0.948	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 134 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 57 @ 1' (H224014-14)**

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	09/03/2022	ND	1.97	98.4	2.00	3.04		
Toluene*	<0.050	0.050	09/03/2022	ND	1.96	97.8	2.00	3.60		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.91	95.3	2.00	3.76		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	5.92	98.7	6.00	3.85		
Total BTEx	<0.300	0.300	09/03/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	09/02/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	197	98.5	200	3.22	
DRO >C10-C28*	18.2	10.0	09/01/2022	ND	215	107	200	0.948	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 99.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 58 @ 1' (H224014-15)**

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	09/03/2022	ND	1.97	98.4	2.00	3.04		
Toluene*	<0.050	0.050	09/03/2022	ND	1.96	97.8	2.00	3.60		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.91	95.3	2.00	3.76		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	5.92	98.7	6.00	3.85		
Total BTX	<0.300	0.300	09/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1680	16.0	09/02/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	197	98.5	200	3.22	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	215	107	200	0.948	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 134 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 59 @ 1' (H224014-16)**

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	09/03/2022	ND	1.97	98.4	2.00	3.04		
Toluene*	<0.050	0.050	09/03/2022	ND	1.96	97.8	2.00	3.60		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.91	95.3	2.00	3.76		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	5.92	98.7	6.00	3.85		
Total BTX	<0.300	0.300	09/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5520	16.0	09/02/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	197	98.5	200	3.22	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	215	107	200	0.948	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 128 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 60 @ 1' (H224014-17)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2022	ND	1.97	98.4	2.00	3.04		
Toluene*	<0.050	0.050	09/03/2022	ND	1.96	97.8	2.00	3.60		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.91	95.3	2.00	3.76		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	5.92	98.7	6.00	3.85		
Total BTEx	<0.300	0.300	09/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3360	16.0	09/02/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	197	98.5	200	3.22	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	215	107	200	0.948	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 96.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 61 @ 1' (H224014-18)**

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	09/03/2022	ND	1.97	98.4	2.00	3.04		
Toluene*	<0.050	0.050	09/03/2022	ND	1.96	97.8	2.00	3.60		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.91	95.3	2.00	3.76		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	5.92	98.7	6.00	3.85		
Total BTEx	<0.300	0.300	09/03/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	688	16.0	09/02/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	197	98.5	200	3.22	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	215	107	200	0.948	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 98.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 62 @ 1' (H224014-19)**

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	09/03/2022	ND	1.97	98.4	2.00	3.04		
Toluene*	<0.050	0.050	09/03/2022	ND	1.96	97.8	2.00	3.60		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.91	95.3	2.00	3.76		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	5.92	98.7	6.00	3.85		
Total BTX	<0.300	0.300	09/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1440	16.0	09/02/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	197	98.5	200	3.22	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	215	107	200	0.948	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 91.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 63 @ 1' (H224014-20)**

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	09/03/2022	ND	1.97	98.4	2.00	3.04		
Toluene*	<0.050	0.050	09/03/2022	ND	1.96	97.8	2.00	3.60		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.91	95.3	2.00	3.76		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	5.92	98.7	6.00	3.85		
Total BTEx	<0.300	0.300	09/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1680	16.0	09/02/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	197	98.5	200	3.22	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	215	107	200	0.948	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 98.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 64 @ 1' (H224014-21)**

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	09/03/2022	ND	1.97	98.4	2.00	3.04	
Toluene*	<0.050	0.050	09/03/2022	ND	1.96	97.8	2.00	3.60	
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.91	95.3	2.00	3.76	
Total Xylenes*	<0.150	0.150	09/03/2022	ND	5.92	98.7	6.00	3.85	
Total BTEx	<0.300	0.300	09/03/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	09/02/2022	ND	448	112	400	7.41	

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	09/02/2022	ND	197	98.5	200	3.22	
DRO >C10-C28*	131	10.0	09/02/2022	ND	215	107	200	0.948	
EXT DRO >C28-C36	61.6	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 117 % 45.3-161

Surrogate: 1-Chlorooctadecane 147 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 65 @ 1' (H224014-22)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2022	ND	1.97	98.4	2.00	3.04	
Toluene*	<0.050	0.050	09/03/2022	ND	1.96	97.8	2.00	3.60	
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.91	95.3	2.00	3.76	
Total Xylenes*	<0.150	0.150	09/03/2022	ND	5.92	98.7	6.00	3.85	
Total BTEx	<0.300	0.300	09/03/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/02/2022	ND	448	112	400	7.41	

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	09/02/2022	ND	197	98.5	200	3.22	
DRO >C10-C28*	15.6	10.0	09/02/2022	ND	215	107	200	0.948	
EXT DRO >C28-C36	18.7	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 66 @ 3" (H224014-23)**

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	09/03/2022	ND	1.97	98.4	2.00	3.04		
Toluene*	<0.050	0.050	09/03/2022	ND	1.96	97.8	2.00	3.60		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.91	95.3	2.00	3.76		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	5.92	98.7	6.00	3.85		
Total BTEx	<0.300	0.300	09/03/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/02/2022	ND	448	112	400	7.41		

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	09/02/2022	ND	197	98.5	200	3.22	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	215	107	200	0.948	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 94.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 67 @ 3" (H224014-24)**

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	09/03/2022	ND	1.97	98.4	2.00	3.04		
Toluene*	<0.050	0.050	09/03/2022	ND	1.96	97.8	2.00	3.60		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.91	95.3	2.00	3.76		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	5.92	98.7	6.00	3.85		
Total BTEX	<0.300	0.300	09/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/02/2022	ND	448	112	400	7.41	

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	09/02/2022	ND	192	96.1	200	6.21	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	171	85.3	200	2.68	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 92.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.4 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 68 @ 3" (H224014-25)**

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	09/03/2022	ND	1.97	98.4	2.00	3.04		
Toluene*	<0.050	0.050	09/03/2022	ND	1.96	97.8	2.00	3.60		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.91	95.3	2.00	3.76		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	5.92	98.7	6.00	3.85		
Total BTX	<0.300	0.300	09/03/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/02/2022	ND	448	112	400	7.41		

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	09/02/2022	ND	192	96.1	200	6.21	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	171	85.3	200	2.68	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 95.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.8 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 69 @ 3" (H224014-26)**

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	09/03/2022	ND	1.97	98.4	2.00	3.04		
Toluene*	<0.050	0.050	09/03/2022	ND	1.96	97.8	2.00	3.60		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.91	95.3	2.00	3.76		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	5.92	98.7	6.00	3.85		
Total BTX	<0.300	0.300	09/03/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/02/2022	ND	448	112	400	7.41		

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	09/02/2022	ND	192	96.1	200	6.21	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	171	85.3	200	2.68	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 89.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.4 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 70 @ 3" (H224014-27)**

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	09/02/2022	ND	1.84	92.1	2.00	5.60	
Toluene*	<0.050	0.050	09/02/2022	ND	1.81	90.6	2.00	7.10	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.5	2.00	8.10	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.53	92.2	6.00	8.44	
Total BTX	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/02/2022	ND	448	112	400	7.41		

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	09/02/2022	ND	192	96.1	200	6.21	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	171	85.3	200	2.68	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 93.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.0 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 71 @ 3" (H224014-28)**

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	09/02/2022	ND	1.84	92.1	2.00	5.60	
Toluene*	<0.050	0.050	09/02/2022	ND	1.81	90.6	2.00	7.10	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.5	2.00	8.10	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.53	92.2	6.00	8.44	
Total BTX	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/02/2022	ND	448	112	400	7.41	

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	09/02/2022	ND	192	96.1	200	6.21	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	171	85.3	200	2.68	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 91.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.0 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 72 @ 3" (H224014-29)**

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	09/02/2022	ND	1.84	92.1	2.00	5.60		
Toluene*	<0.050	0.050	09/02/2022	ND	1.81	90.6	2.00	7.10		
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.5	2.00	8.10		
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.53	92.2	6.00	8.44		
Total BTEX	<0.300	0.300	09/02/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/02/2022	ND	448	112	400	7.41	

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	09/02/2022	ND	192	96.1	200	6.21	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	171	85.3	200	2.68	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 94.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.0 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 73 @ 3" (H224014-30)**

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	09/02/2022	ND	1.84	92.1	2.00	5.60		
Toluene*	<0.050	0.050	09/02/2022	ND	1.81	90.6	2.00	7.10		
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.5	2.00	8.10		
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.53	92.2	6.00	8.44		
Total BTEx	<0.300	0.300	09/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/02/2022	ND	448	112	400	7.41	

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	09/02/2022	ND	192	96.1	200	6.21	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	171	85.3	200	2.68	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 91.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.0 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 74 @ 3" (H224014-31)**

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	09/02/2022	ND	1.84	92.1	2.00	5.60	
Toluene*	<0.050	0.050	09/02/2022	ND	1.81	90.6	2.00	7.10	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.5	2.00	8.10	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.53	92.2	6.00	8.44	
Total BTX	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/02/2022	ND	448	112	400	7.41	

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	09/02/2022	ND	192	96.1	200	6.21	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	171	85.3	200	2.68	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 94.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.2 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 75 @ 3" (H224014-32)**

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	09/02/2022	ND	1.84	92.1	2.00	5.60		
Toluene*	<0.050	0.050	09/02/2022	ND	1.81	90.6	2.00	7.10		
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.5	2.00	8.10		
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.53	92.2	6.00	8.44		
Total BTEx	<0.300	0.300	09/02/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/02/2022	ND	448	112	400	7.41	

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	09/02/2022	ND	192	96.1	200	6.21	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	171	85.3	200	2.68	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 95.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.4 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 76 @ 3" (H224014-33)**

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	09/02/2022	ND	1.84	92.1	2.00	5.60	
Toluene*	<0.050	0.050	09/02/2022	ND	1.81	90.6	2.00	7.10	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.5	2.00	8.10	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.53	92.2	6.00	8.44	
Total BTX	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/02/2022	ND	448	112	400	7.41	

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	09/02/2022	ND	192	96.1	200	6.21	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	171	85.3	200	2.68	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.7 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 77 @ 3" (H224014-34)**

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	09/02/2022	ND	1.84	92.1	2.00	5.60	
Toluene*	<0.050	0.050	09/02/2022	ND	1.81	90.6	2.00	7.10	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.5	2.00	8.10	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.53	92.2	6.00	8.44	
Total BTX	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/02/2022	ND	448	112	400	7.41	

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	09/02/2022	ND	192	96.1	200	6.21	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	171	85.3	200	2.68	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 89.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.8 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 78 @ 3" (H224014-35)**

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	09/02/2022	ND	1.84	92.1	2.00	5.60	
Toluene*	<0.050	0.050	09/02/2022	ND	1.81	90.6	2.00	7.10	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.5	2.00	8.10	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.53	92.2	6.00	8.44	
Total BTX	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/02/2022	ND	448	112	400	7.41	

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	09/02/2022	ND	192	96.1	200	6.21	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	171	85.3	200	2.68	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 86.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.5 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 79 @ 3" (H224014-36)**

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	09/02/2022	ND	1.84	92.1	2.00	5.60	
Toluene*	<0.050	0.050	09/02/2022	ND	1.81	90.6	2.00	7.10	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.5	2.00	8.10	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.53	92.2	6.00	8.44	
Total BTX	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/02/2022	ND	448	112	400	7.41	

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	09/02/2022	ND	192	96.1	200	6.21	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	171	85.3	200	2.68	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 84.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.9 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 80 @ 3" (H224014-37)**

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	09/02/2022	ND	1.84	92.1	2.00	5.60		
Toluene*	<0.050	0.050	09/02/2022	ND	1.81	90.6	2.00	7.10		
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.5	2.00	8.10		
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.53	92.2	6.00	8.44		
Total BTX	<0.300	0.300	09/02/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/02/2022	ND	448	112	400	7.41	

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	09/02/2022	ND	192	96.1	200	6.21	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	171	85.3	200	2.68	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 89.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.1 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 81 @ 3" (H224014-38)**

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	09/02/2022	ND	1.84	92.1	2.00	5.60		
Toluene*	<0.050	0.050	09/02/2022	ND	1.81	90.6	2.00	7.10		
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.5	2.00	8.10		
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.53	92.2	6.00	8.44		
Total BTEx	<0.300	0.300	09/02/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/02/2022	ND	448	112	400	7.41	

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	09/02/2022	ND	192	96.1	200	6.21	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	171	85.3	200	2.68	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 86.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.4 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CF - 82 @ 3" (H224014-39)**

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	09/02/2022	ND	1.84	92.1	2.00	5.60		
Toluene*	<0.050	0.050	09/02/2022	ND	1.81	90.6	2.00	7.10		
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.5	2.00	8.10		
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.53	92.2	6.00	8.44		
Total BTEx	<0.300	0.300	09/02/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/02/2022	ND	448	112	400	7.41	

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	09/02/2022	ND	192	96.1	200	6.21	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	171	85.3	200	2.68	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.9 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CW - 3 @ 6" (H224014-40)**

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	09/02/2022	ND	1.84	92.1	2.00	5.60		
Toluene*	<0.050	0.050	09/02/2022	ND	1.81	90.6	2.00	7.10		
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.5	2.00	8.10		
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.53	92.2	6.00	8.44		
Total BTEx	<0.300	0.300	09/02/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/02/2022	ND	448	112	400	7.41		

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	09/02/2022	ND	192	96.1	200	6.21	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	171	85.3	200	2.68	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.7 % 46.3-178

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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: 08/31/2022  
 Reported: 09/06/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 08/31/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CW - 4 @ 6" (H224014-41)**

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	09/02/2022	ND	1.84	92.1	2.00	5.60	
Toluene*	<0.050	0.050	09/02/2022	ND	1.81	90.6	2.00	7.10	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.5	2.00	8.10	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.53	92.2	6.00	8.44	
Total BTX	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/02/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	192	96.1	200	6.21	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	171	85.3	200	2.68	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 89.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

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

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

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Celey D. Keene, Lab Director/Quality Manager



Page 44 of 48



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: Waste Ditch					
City: Hobbs		Address:					
State: NM Zip: 88241		City:					
Phone #:		Fax #:					
Project #:		Project Owner: (see below)					
Project Name: Red Tank 28 Fed 3 SWD		State: Zip:					
Project Location: Lea Co., NM		Phone #:					
Sample Name: RS		Fax #:					
FOR LAB USE ONLY		MATRIX		PRESERV.		SAMPLING	
Lab I.D. <b>1004014</b>		(G)RAB OR (C)OMP.		DATE		TIME	
Sample I.D.		# CONTAINERS					
11		GROUNDWATER		8/31/2022			
12		WASTEWATER		8/31/2022			
13		SOIL		8/31/2022			
14		OIL		8/31/2022			
15		SLUDGE		8/31/2022			
16		OTHER:		8/31/2022			
17		ACID/BASE:		8/31/2022			
18		ICE / COOL		8/31/2022			
19		OTHER:		8/31/2022			
20				8/31/2022			
CF-54 @ 1'		X		X		X	
CF-55 @ 1'		X		X		X	
CF-56 @ 1'		X		X		X	
CF-57 @ 1'		X		X		X	
CF-58 @ 1'		X		X		X	
CF-59 @ 1'		X		X		X	
CF-60 @ 1'		X		X		X	
CF-61 @ 1'		X		X		X	
CF-62 @ 1'		X		X		X	
CF-63 @ 1'		X		X		X	
CF-64 @ 1'		X		X		X	
CF-65 @ 1'		X		X		X	
CF-66 @ 1'		X		X		X	
CF-67 @ 1'		X		X		X	
CF-68 @ 1'		X		X		X	
CF-69 @ 1'		X		X		X	
CF-70 @ 1'		X		X		X	
CF-71 @ 1'		X		X		X	
CF-72 @ 1'		X		X		X	
CF-73 @ 1'		X		X		X	
CF-74 @ 1'		X		X		X	
CF-75 @ 1'		X		X		X	
CF-76 @ 1'		X		X		X	
CF-77 @ 1'		X		X		X	
CF-78 @ 1'		X		X		X	
CF-79 @ 1'		X		X		X	
CF-80 @ 1'		X		X		X	
CF-81 @ 1'		X		X		X	
CF-82 @ 1'		X		X		X	
CF-83 @ 1'		X		X		X	
CF-84 @ 1'		X		X		X	
CF-85 @ 1'		X		X		X	
CF-86 @ 1'		X		X		X	
CF-87 @ 1'		X		X		X	
CF-88 @ 1'		X		X		X	
CF-89 @ 1'		X		X		X	
CF-90 @ 1'		X		X		X	
CF-91 @ 1'		X		X		X	
CF-92 @ 1'		X		X		X	
CF-93 @ 1'		X		X		X	
CF-94 @ 1'		X		X		X	
CF-95 @ 1'		X		X		X	
CF-96 @ 1'		X		X		X	
CF-97 @ 1'		X		X		X	
CF-98 @ 1'		X		X		X	
CF-99 @ 1'		X		X		X	
CF-100 @ 1'		X		X		X	
CF-101 @ 1'		X		X		X	
CF-102 @ 1'		X		X		X	
CF-103 @ 1'		X		X		X	
CF-104 @ 1'		X		X		X	
CF-105 @ 1'		X		X		X	
CF-106 @ 1'		X		X		X	
CF-107 @ 1'		X		X		X	
CF-108 @ 1'		X		X		X	
CF-109 @ 1'		X		X		X	
CF-110 @ 1'		X		X		X	
CF-111 @ 1'		X		X		X	
CF-112 @ 1'		X		X		X	
CF-113 @ 1'		X		X		X	
CF-114 @ 1'		X		X		X	
CF-115 @ 1'		X		X		X	
CF-116 @ 1'		X		X		X	
CF-117 @ 1'		X		X		X	
CF-118 @ 1'		X		X		X	
CF-119 @ 1'		X		X		X	
CF-120 @ 1'		X		X		X	
CF-121 @ 1'		X		X		X	
CF-122 @ 1'		X		X		X	
CF-123 @ 1'		X		X		X	
CF-124 @ 1'		X		X		X	
CF-125 @ 1'		X		X		X	
CF-126 @ 1'		X		X		X	
CF-127 @ 1'		X		X		X	
CF-128 @ 1'		X		X		X	
CF-129 @ 1'		X		X		X	
CF-130 @ 1'		X		X		X	
CF-131 @ 1'		X		X		X	
CF-132 @ 1'		X		X		X	
CF-133 @ 1'		X		X		X	
CF-134 @ 1'		X		X		X	
CF-135 @ 1'		X		X		X	
CF-136 @ 1'		X		X		X	
CF-137 @ 1'		X		X		X	
CF-138 @ 1'		X		X		X	
CF-139 @ 1'		X		X		X	
CF-140 @ 1'		X		X		X	
CF-141 @ 1'		X		X		X	
CF-142 @ 1'		X		X		X	
CF-143 @ 1'		X		X		X	
CF-144 @ 1'		X		X		X	
CF-145 @ 1'		X		X		X	
CF-146 @ 1'		X		X		X	
CF-147 @ 1'		X		X		X	
CF-148 @ 1'		X		X		X	
CF-149 @ 1'		X		X		X	
CF-150 @ 1'		X		X		X	
CF-151 @ 1'		X		X		X	
CF-152 @ 1'		X		X		X	
CF-153 @ 1'		X		X		X	
CF-154 @ 1'		X		X		X	
CF-155 @ 1'		X		X		X	
CF-156 @ 1'		X		X		X	
CF-157 @ 1'		X		X		X	
CF-158 @ 1'		X		X		X	
CF-159 @ 1'		X		X		X	
CF-160 @ 1'		X		X		X	
CF-161 @ 1'		X		X		X	
CF-162 @ 1'		X		X		X	
CF-163 @ 1'		X		X		X	
CF-164 @ 1'		X		X		X	
CF-165 @ 1'		X		X		X	
CF-166 @ 1'		X		X		X	
CF-167 @ 1'		X		X		X	
CF-168 @ 1'		X		X		X	
CF-169 @ 1'		X		X		X	
CF-170 @ 1'		X		X		X	
CF-171 @ 1'		X		X		X	
CF-172 @ 1'		X		X		X	
CF-173 @ 1'		X		X		X	
CF-174 @ 1'		X		X		X	
CF-175 @ 1'		X		X		X	
CF-176 @ 1'		X		X		X	
CF-177 @ 1'		X		X		X	
CF-178 @ 1'		X		X		X	
CF-179 @ 1'		X		X		X	
CF-180 @ 1'		X		X		X	
CF-181 @ 1'		X		X		X	
CF-182 @ 1'		X		X		X	
CF-183 @ 1'		X		X		X	
CF-184 @ 1'		X		X		X	
CF-185 @ 1'		X		X		X	
CF-186 @ 1'		X		X		X	
CF-187 @ 1'		X		X		X	
CF-188 @ 1'		X		X		X	
CF-189 @ 1'		X		X		X	
CF-190 @ 1'		X		X		X	
CF-191 @ 1'		X		X		X	
CF-192 @ 1'		X		X		X	
CF-193 @ 1'		X		X		X	
CF-194 @ 1'		X		X		X	
CF-195 @ 1'		X		X		X	
CF-196 @ 1'		X		X		X	
CF-197 @ 1'		X		X		X	
CF-198 @ 1'		X		X		X	
CF-199 @ 1'		X		X		X	
CF-200 @ 1'		X		X		X	
CF-201 @ 1'		X		X		X	
CF-202 @ 1'		X		X		X	
CF-203 @ 1'		X		X		X	
CF-204 @ 1'		X		X		X	
CF-205 @ 1'		X		X		X	
CF-206 @ 1'		X		X		X	
CF-207 @ 1'		X		X		X	
CF-208 @ 1'		X		X		X	
CF-209 @ 1'		X		X		X	
CF-210 @ 1'		X		X		X	
CF-211 @ 1'		X		X		X	
CF-212 @ 1'		X		X		X	
CF-213 @ 1'		X		X		X	
CF-214 @ 1'		X		X		X	
CF-215 @ 1'		X		X		X	
CF-216 @ 1'		X		X		X	
CF-217 @ 1'		X		X		X	
CF-218 @ 1'		X		X		X	
CF-219 @ 1'		X		X		X	
CF-220 @ 1'		X		X		X	
CF-221 @ 1'		X		X		X	
CF-222 @ 1'		X		X		X	
CF-223 @ 1'		X		X		X	
CF-224 @ 1'		X		X		X	
CF-225 @ 1'		X		X		X	
CF-226 @ 1'		X		X		X	
CF-227 @ 1'		X		X		X	
CF-228 @ 1'		X		X		X	
CF-229 @ 1'		X		X		X	
CF-230 @ 1'		X		X		X	
CF-231 @ 1'		X		X		X	
CF-232 @ 1'		X		X		X	
CF-233 @ 1'		X		X		X	
CF-234 @ 1'		X		X		X	
CF-235 @ 1'		X		X		X	
CF-236 @ 1'		X		X		X	
CF-237 @ 1'		X		X		X	
CF-238 @ 1'		X		X		X	
CF-239 @ 1'		X		X		X	
CF-240 @ 1'		X		X		X	
CF-241 @ 1'		X		X		X	
CF-242 @ 1'		X		X		X	
CF-243 @ 1'		X		X		X	
CF-244 @ 1'		X		X		X	
CF-245 @ 1'		X		X		X	
CF-246 @ 1'		X		X		X	
CF-247 @ 1'		X		X		X	
CF-248 @ 1'		X		X		X	
CF-249 @ 1'		X		X		X	
CF-250 @ 1'		X		X		X	
CF-251 @ 1'		X		X		X	
CF-252 @ 1'		X		X		X	
CF-253 @ 1'		X		X		X	
CF-254 @ 1'		X		X		X	
CF-255 @ 1'		X		X</			





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


# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST.

Company Name: Trinity Oilfield Services		BILL TO		ANALYSIS REQUEST	
Project Manager: Dan Dunkelberg		P.O. #:			
Address: 8426 N Dal Paso		Company: OXY USA Inc.			
City: Hobbs		Attn: Waste Ditch			
State: NM Zip: 88241		Address:			
Phone #:		City:			
Project #:		State:			
Project Name: Red Tank 28 Fed 3 SWD		Zip:			
Project Location: Lea Co., NM		Phone #:			
Sample Name: RS		Fax #:			
FOR LAB USE ONLY		MATRIX		PRESERV.	
Lab I.D. H24014		Sample I.D.		DATE	
21		CF-64 @ 1'		8/31/2022	
22		CF-65 @ 1'		8/31/2022	
23		CF-66 @ 3"		8/31/2022	
24		CF-67 @ 3"		8/31/2022	
25		CF-68 @ 3"		8/31/2022	
26		CF-69 @ 3"		8/31/2022	
27		CF-70 @ 3"		8/31/2022	
28		CF-71 @ 3"		8/31/2022	
29		CF-72 @ 3"		8/31/2022	
30		CF-73 @ 3"		8/31/2022	
		(G)RAB OR (C)OMP.		TIME	
		# CONTAINERS		Chloride	
		GROUNDWATER		TPH	
		WASTEWATER		BTEX	
		SOIL			
		OIL			
		SLUDGE			
		OTHER:			
		ACID/BASE:			
		ICE / COOL			
		OTHER:			
Relinquished By: <i>[Signature]</i>		Received By: <i>[Signature]</i>		Verbal Result: Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
Date: 8-31-22		Time: 1425		REMARKS: All Results are emailed. Please provide Email address:	
Relinquished By: <i>[Signature]</i>		Received By: <i>[Signature]</i>			
Date:		Time:			
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition	
		214		Cool Intact	
		Corrected Temp. °C		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
		210		CHECKED BY: (Initials)	
				Turnaround Time:	
				Thermometer ID #113	
				Correction Factor -0.1°C	
				Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
				Bacteria (only) Sample Condition	
				Cool Intact	
				Yes <input type="checkbox"/> No <input type="checkbox"/>	
				Observed Temp. °C	
				Corrected Temp. °C	

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

Page 47 of 48



 <b>CARDINAL Laboratories</b> 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		<b>CHAIN-OF-CUSTODY AND ANALYSIS REQUEST</b>	
Company Name: Trinity Oilfield Services Project Manager: Dan Dunkelberg Address: 8426 N Dal Paso City: Hobbs State: NM Zip: 88241 Phone #: Fax #: Project #: Project Name: Red Tank 28 Fed 3 SWD Project Location: Lea Co., NM Project Owner: (see below) dan@trinityoilfieldservices.com Project Name: RS Sample Name: RS		P.O. #: Company: OXY USA Inc. Address: Wade Ditch City: State: Zip: Phone #: Fax #: <b>BILL TO</b>	
FOR LAB USE ONLY Lab I.D. <b>H24014</b> Sample I.D. <b>CW4 @ 6"</b> (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE 8/31/2022 TIME Chloride X TPH X BTEX X		<b>ANALYSIS REQUEST</b>	
Relinquished By: <i>[Signature]</i> Date: 8-31-22 Time: 1425 Received By: <i>[Signature]</i> Date: Time: REMARKS:		Verbal Result: All Results are emailed. Please provide Email address: Addt Phone #: Yes No Addt Phone #:	
Delivered By: (Circle One) Sample - UPS - Bus - Other:		Observed Temp. °C 21.4 Corrected Temp. °C 21.0 Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: <i>[Signature]</i> (Initials) Turnaround Time: Standard <input checked="" type="checkbox"/> X Rush <input type="checkbox"/> Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C Corrected Temp. °C	

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



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

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September 21, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: RED TANK 28 FED 3 SWD

Enclosed are the results of analyses for samples received by the laboratory on 09/16/22 14:16.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 09/16/2022  
 Reported: 09/21/2022  
 Project Name: RED TANK 28 FED 3 SWD  
 Project Number: NOT GIVEN  
 Project Location: OXY - LEA CO., NM

Sampling Date: 09/16/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: CW - 1 @ 1' (H224305-01)**

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	09/19/2022	ND	2.00	100	2.00	3.27	
Toluene*	<0.050	0.050	09/19/2022	ND	1.99	99.4	2.00	3.94	
Ethylbenzene*	<0.050	0.050	09/19/2022	ND	1.92	96.1	2.00	2.71	
Total Xylenes*	<0.150	0.150	09/19/2022	ND	5.96	99.4	6.00	3.14	
Total BTX	<0.300	0.300	09/19/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/19/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/19/2022	ND	180	89.9	200	3.23	
DRO >C10-C28*	28.3	10.0	09/19/2022	ND	189	94.3	200	3.05	
EXT DRO >C28-C36	<10.0	10.0	09/19/2022	ND					

Surrogate: 1-Chlorooctane 75.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.6 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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### Notes and Definitions

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

---

Cardinal Laboratories

\*=Accredited Analyte

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

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Celey D. Keene, Lab Director/Quality Manager



Page 4 of 4

# Trinity Oilfield Services & Rentals, LLC



October 6<sup>th</sup>, 2022

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

Re: **Closure Request**  
**Red Tank 28 Federal #003 SWD**  
**Tracking #: Multiple**

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

Site Information	
Incident ID	NJXK1519638250 NJXK1522926657 NJXK1606026742 NJXK1615449481 NOY1803734582 NRM1926660633 NRM2034536402
Site Name	Red Tank 28 Federal #003 SWD
Company	OXY USA, Inc.
County	Lea
ULSTR	B-28-22S-32E
GPS Coordinates (NAD 83)	32.3689194,-103.6786346
Landowner	Federal

## HISTORICAL RELEASE BACKGROUND

This site had previously been remediated but no paperwork existed for verification, therefore, OXY performed delineation and confirmation sampling to verify remediation limits had been met. The enclosed site diagram depicts the estimated commingled historical release area, delineation sample points, and confirmation composite samples. As referenced above, OXY has reported multiple releases at the Red Tank 28 Federal #003 SWD. This report will highlight incidents dating from 2015 to 2020.

The releases were caused by a compilation of overflows, corrosion, equipment failure, and human error. All referenced incidents have been combined and labeled "Commingled Historical Releases" to account for the overlap and remedial integrity amongst the individual releases. Approximately 57,912 sqft. of the Pad and Pasture have been impacted over the extent of previous releases.

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

<b>Data Source</b>	<b>Well Number</b>	<b>Data Date</b>	<b>Depth (ft.)</b>
NM OSE	NA	NA	NA
USGS	NA	NA	NA
Soil Bore	SB-01	04/25/2022	105'

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

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

**General Site Characterization:**

<b>Site Assessment</b>	
Karst Potential	Low
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 Low potential for cave and karst, and no other receptors (residence, school, hospital, institution, church, mining, municipal or other ordinance boundaries) were located within the regulatorily promulgated distances from the site.

**Closure Criteria:**

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

A reclamation standard of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top four feet of the pasture area that was impacted by releases, 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:**

<b>Delineation Summary</b>	
Delineation Dates	06/02/2022 - 06/20/2022
Depths Sampled	Surface - 4'
Delineation Map	Attached
Laboratory Results	Table 1

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

**Confirmation Activities:**

<b>Remediation Summary</b>	
Remediation Dates	08/18/2022 - 09/16/2022
Liner Variance Request	None
Deferral Request	None
Depths Excavated	3" - 4'
Area Represented by the required 5-point Confirmation Samples – Floors and Walls	200 sqft.
Total Volume of Excavated Soil	688 yards
Remediation Map	Attached
Laboratory Results	Table 1

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

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

**SITE RECLAMATION AND RESTORATION**

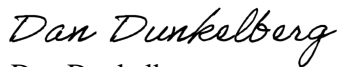
Areas affected by the release and the associated remediation activities were restored to a condition which existed prior to the release to the extent practicable. The affected area was contoured and/or compacted to provide erosion control, stability, and preservation of surface water flow. Affected areas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

**REQUEST FOR CLOSURE**

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

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

Sincerely,



Dan Dunkelberg  
Project Manager




TABLE 1 CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL																	
OXY USA, Inc RED TANK 28 FED 3 SWD LEA COUNTY, NEW MEXICO NMOCD REFERENCE #: MULTIPLE																	
																	
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M					SM4500Cl-B
					BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/Kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/Kg)	GRO+ DRO (mg/kg)	MRO C <sub>28</sub> -C <sub>36</sub> (mg/Kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Closure Limits					10	NE	NE	NE	NE	NE	50	NE	NE	1,000	NE	2,500	20,000
Vertical Delineation																	
SP - 1 @ SURFACE	SURFACE	6/2/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
SP - 2 @ SURFACE	SURFACE	6/2/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SP - 3 @ SURFACE	SURFACE	6/2/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6400
SP - 4 @ SURFACE	SURFACE	6/2/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3920
SP - 5 @ SURFACE	SURFACE	6/2/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	22000
SP - 5 @ 1'	1'	6/2/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SP - 6 @ SURFACE	SURFACE	6/2/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2080
SP - 7 @ SURFACE	SURFACE	6/2/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8480
SP - 8 @ SURFACE	SURFACE	6/2/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4400
SP - 9 @ SURFACE	SURFACE	6/2/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
SP - 10 @ SURFACE	SURFACE	6/20/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16400
SP - 10 @ 1'	1'	6/20/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3920
SP - 11 @ SURFACE	SURFACE	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	44.9	44.9	46.5	91.40	4880
SP - 12 @ SURFACE	SURFACE	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	112	112	81.0	193.00	6080
SP - 13 @ SURFACE	SURFACE	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	21.4	21.4	425	446.40	10000
SP - 13 @ 1'	1'	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	821	821	572	1,393.00	16000
SP - 13 @ 2'	2'	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	256	256	119	375.00	16400
SP - 13 @ 3'	3'	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	873	873	440	1,313.00	34800
SP - 13 @ 4'	4'	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	754	754	363	1,117.00	2080
SP - 14 @ SURFACE	SURFACE	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	110	110	198	308.00	44800
SP - 14 @ 1'	1'	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	17.3	17.3	19.7	37.00	22800
SP - 14 @ 2'	2'	6/20/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
SP - 14 @ 3'	3'	6/20/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
SP - 14 @ 4'	4'	6/20/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
SP - 15 @ SURFACE	SURFACE	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	57.5	57.5	93.3	150.80	416
SP - 16 @ SURFACE	SURFACE	6/3/2022	Grab	In-Situ	0.258	-	-	-	-	-	5.21	147	14200	14347	12000	26,347.00	1760
SP - 16 @ 1'	1'	6/20/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	41.8	41.8	59.1	100.90	10100
SP - 16 @ 2'	2'	6/20/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	112	112	157	269.00	19000
SP - 16 @ 3'	3'	6/20/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	11.5	11.50	480
SP - 17 @ SURFACE	SURFACE	6/3/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	11100	11100	10300	<10.0	400
SP - 17 @ 1'	1'	6/3/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
SP - 18 @ SURFACE	SURFACE	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP - 19 @ SURFACE	SURFACE	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SP - 20 @ SURFACE	SURFACE	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP - 21 @ SURFACE	SURFACE	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP - 22 @ SURFACE	SURFACE	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	27.6	27.6	22.0	49.60	<16.0
SP - 23 @ SURFACE	SURFACE	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP - 24 @ SURFACE	SURFACE	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SP - 25 @ SURFACE	SURFACE	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP - 26 @ SURFACE	SURFACE	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP - 27 @ SURFACE	SURFACE	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SP - 28 @ SURFACE	SURFACE	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SP - 29 @ SURFACE	SURFACE	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	80.1	80.1	42.5	122.60	32.0
SP - 29 @ 1'	1'	6/20/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP - 30 @ SURFACE	SURFACE	6/9/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP - 31 @ SURFACE	SURFACE	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP - 32 @ SURFACE	SURFACE	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP - 33 @ SURFACE	SURFACE	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP - 34 @ SURFACE	SURFACE	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP - 35 @ SURFACE	SURFACE	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SP - 36 @ SURFACE	SURFACE	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SP - 37 @ SURFACE	SURFACE	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
Horizontal Delineation																	
SP - 7 S @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0


TABLE 1 CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL																	
OXY USA, Inc RED TANK 28 FED 3 SWD LEA COUNTY, NEW MEXICO NMOCD REFERENCE #: MULTIPLE																	
																	
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M					SM4500Cl-B
					BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/Kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/Kg)	GRO+ DRO (mg/kg)	MRO C <sub>28</sub> -C <sub>36</sub> (mg/Kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Closure Limits					10	NE	NE	NE	NE	NE	50	NE	NE	1,000	NE	2,500	20,000
SP - 8 S @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SP - 10 E @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP - 13 E @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP - 14 E @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP - 15 N @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP - 16 N @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP - 31 W @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP - 32 S @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP - 33 S @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP - 33 E @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP - 33 N @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP - 34 E @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP - 34 N @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP - 34 W @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP - 35 E @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP - 35 N @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP - 36 N @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP - 36 S @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP - 37 N @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP - 37 W @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP - 37 S @ 3"	3"	6/10/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
Remediation Floors																	
CF - 1 @ 4'	4'	8/18/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	976
CF - 2 @ 4'	4'	8/18/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1170
CF - 3 @ 4'	4'	8/18/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1600
CF - 4 @ 2'	2'	8/18/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	135	135	71.7	206.7	2280
CF - 5 @ 2'	2'	8/18/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	530	530	218	748	2680
CF - 6 @ 2'	2'	8/18/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	135	135	66.5	201.5	8000
CF - 7 @ 2'	2'	8/18/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	15.0	15.0	<10.0	15.0	3000
CF - 8 @ 2'	2'	8/18/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1630
CF - 9 @ 4'	4'	8/18/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3000
CF - 10 @ 4'	4'	8/18/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1680
CF - 11 @ 4'	4'	8/18/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5200
CF - 12 @ 4'	4'	8/18/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3680
CF - 13 @ 1'	1'	8/18/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2000
CF - 14 @ 1'	1'	8/18/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	928
CF - 15 @ 1'	1'	8/18/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	14.5	14.5	<10.0	14.5	3280
CF - 16 @ 1'	1'	8/18/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	20.0	20.0	<10.0	20.0	2920
CF - 17 @ 1'	1'	8/18/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	65.1	65.1	75.6	140.7	3840
CF - 18 @ 1'	1'	8/18/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	508	508	199	707	3040
CF - 19 @ 1'	1'	8/18/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	34.1	34.1	26.4	60.5	2640
CF - 20 @ 4'	4'	8/18/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	560
CF - 21 @ 1'	1'	8/25/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	42.3	42.3	25.8	68.1	2300
CF - 22 @ 1'	1'	8/25/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2440
CF - 23 @ 1'	1'	8/25/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5280
CF - 24 @ 1'	1'	8/25/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	434	434	907	1341	4720
CF - 25 @ 1'	1'	8/25/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	274	274	384	658	320
CF - 26 @ 1'	1'	8/25/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	23.3	23.3	47.5	70.8	336
CF - 27 @ 1'	1'	8/26/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CF - 28 @ 1'	1'	8/26/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	73.6	73.6	143	216.6	128
CF - 29 @ 1'	1'	8/26/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	13.3	13.3	22.8	36.1	96.0
CF - 30 @ 1'	1'	8/26/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	156	156	192	348	608
CF - 31 @ 1'	1'	8/26/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	56.2	56.2	82.6	138.8	144
CF - 32 @ 1'	1'	8/26/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	10.7	10.7	12.1	22.8	2640





TABLE 1  
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL  
  
OXY USA, Inc  
RED TANK 28 FED 3 SWD  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE #: MULTIPLE

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M					SM4500Cl-B
					BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/Kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/Kg)	GRO+ DRO (mg/kg)	MRO C <sub>28</sub> -C <sub>36</sub> (mg/Kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Closure Limits					10	NE	NE	NE	NE	NE	50	NE	NE	1,000	NE	2,500	20,000
CF - 33 @ 1'	1'	8/26/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
CF - 34 @ 1'	1'	8/26/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	944
CF - 35 @ 1'	1'	8/26/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1120
CF - 36 @ 1'	1'	8/26/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	768
CF - 37 @ 1'	1'	8/26/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8660
CF - 38 @ 1'	1'	8/26/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	20.2	20.2	<10.0	20.2	6640
CF - 39 @ 1'	1'	8/26/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	784
CF - 40 @ 1'	1'	8/26/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
CF - 41 @ 1'	1'	8/26/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	25.5	25.5	<10.0	25.5	1520
CF - 42 @ 1'	1'	8/26/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1140
CF - 43 @ 1'	1'	8/26/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4480
CF - 44 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CF - 45 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CF - 46 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CF - 47 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CF - 48 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CF - 49 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CF - 50 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	11.3	11.3	<10.0	11.3	32.0
CF - 51 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CF - 52 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	20.4	20.4	<10.0	20.4	3840
CF - 53 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	11.3	11.3	<10.0	11.3	5600
CF - 54 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9730
CF - 55 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5760
CF - 56 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CF - 57 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	18.2	18.2	<10.0	18.2	144
CF - 58 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1680
CF - 59 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5520
CF - 60 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3360
CF - 61 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	688
CF - 62 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1440
CF - 63 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1680
CF - 64 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	131	131	61.6	192.6	592
CF - 65 @ 1'	1'	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	15.6	15.6	18.7	34.3	144
CF - 66 @ 3"	3"	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CF - 67 @ 3"	3"	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CF - 68 @ 3"	3"	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CF - 69 @ 3"	3"	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CF - 70 @ 3"	3"	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CF - 71 @ 3"	3"	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CF - 72 @ 3"	3"	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CF - 73 @ 3"	3"	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
CF - 74 @ 3"	3"	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CF - 75 @ 3"	3"	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
CF - 76 @ 3"	3"	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
CF - 77 @ 3"	3"	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CF - 78 @ 3"	3"	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CF - 79 @ 3"	3"	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CF - 80 @ 3"	3"	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CF - 81 @ 3"	3"	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CF - 82 @ 3"	3"	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
Remediation Walls																	
CW - 1 @ 1'	1'	9/16/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	28.3	28.3	<10.0	28.3	90
CW - 2 @ 1'	1'	8/26/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CW - 3 @ 6"	6"	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112



TABLE 1  
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL  
  
OXY USA, Inc  
RED TANK 28 FED 3 SWD  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE #: MULTIPLE

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M					SM4500Cl-B
					BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/Kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/Kg)	GRO+ DRO (mg/kg)	MRO C <sub>28</sub> -C <sub>36</sub> (mg/Kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Closure Limits					10	NE	NE	NE	NE	NE	50	NE	NE	1,000	NE	2,500	20,000
CW - 4 @ 6"	6"	8/31/2022	Composite	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0

Concentrations in **BOLD** exceed the NMOCD Closure Limit  
- = Not analyzed  
Concentrations in **BOLD** exceed the NMOCD Closure Limit  
X = MS/MSD recoveries were found to be outside the laboratory control limits due to possible matrix/chemical interference.





**Legend:**

- Sample Points
- Commingled Historical Releases
- Existing Infrastructure

**Delineation Map**  
**OXY USA, Inc.**  
**Red Tank 28 Federal #3 SWD**  
**32.3689194, -103.6786346**  
**Lea County, New Mexico**  
**NMOCD Reference # Multiple**  
**API # 30-025-31754**

0 30 60 120 Feet



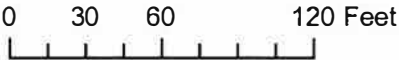




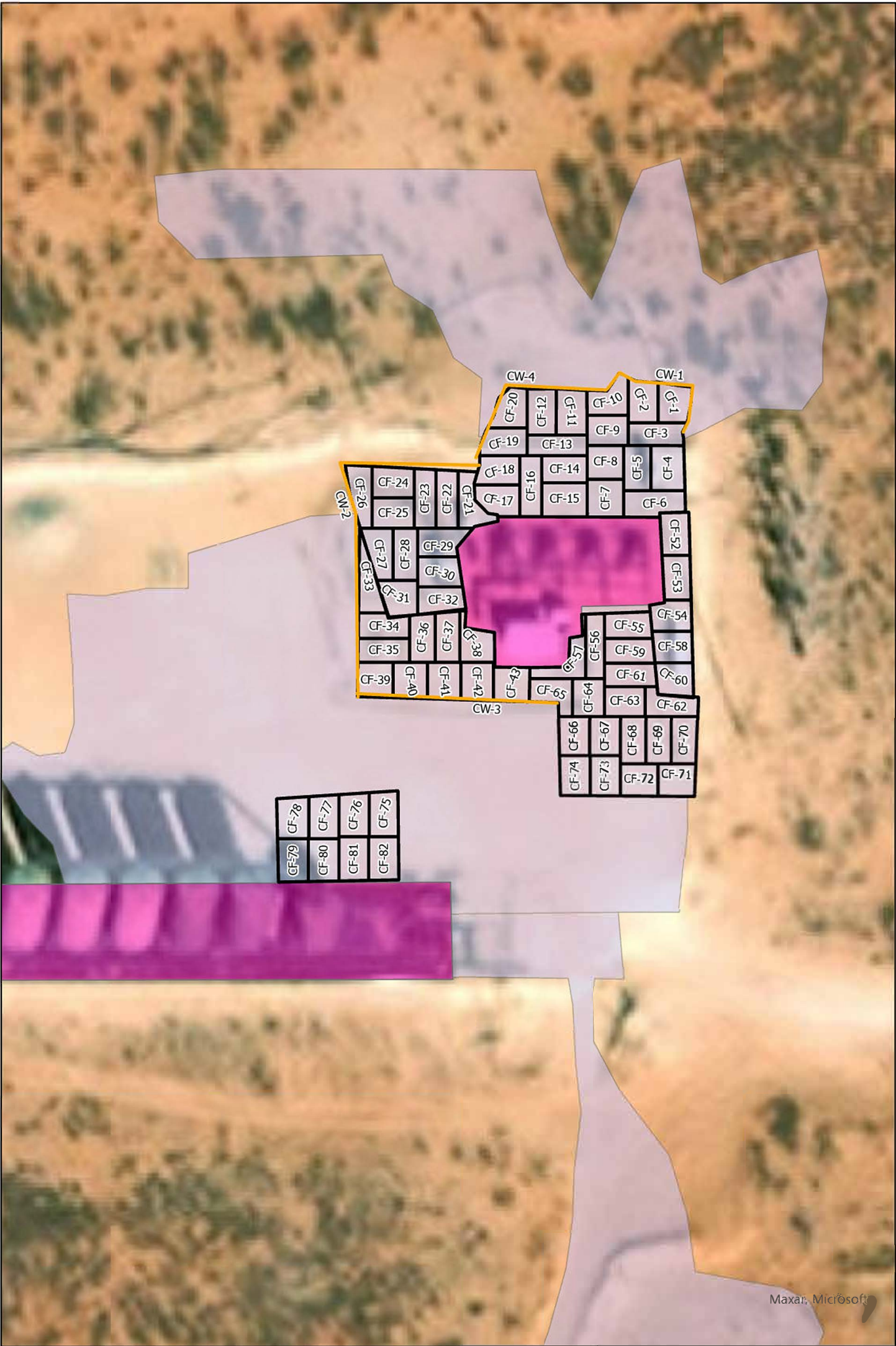
**Legend:**

- Remediation Walls
- Remediation Floors
- Commingled Historical Releases
- Existing Infrastructure

**Remediation Map**  
**OXY USA, Inc.**  
**Red Tank 28 Federal #3 SWD**  
**32.3689194, -103.6786346**  
**Lea County, New Mexico**  
**NMOCD Reference # Multiple**  
**API # 30-025-31754**







**Legend:**

- Remediation Walls
- Remediation Floors
- Commingled Historical Releases
- Existing Infrastructure

**Remediation Map North**  
**OXY USA, Inc.**  
**Red Tank 28 Federal #3 SWD**  
**32.3689194, -103.6786346**  
**Lea County, New Mexico**  
**NMOCD Reference # Multiple**  
**API # 30-025-31754**

0 40 80 Feet







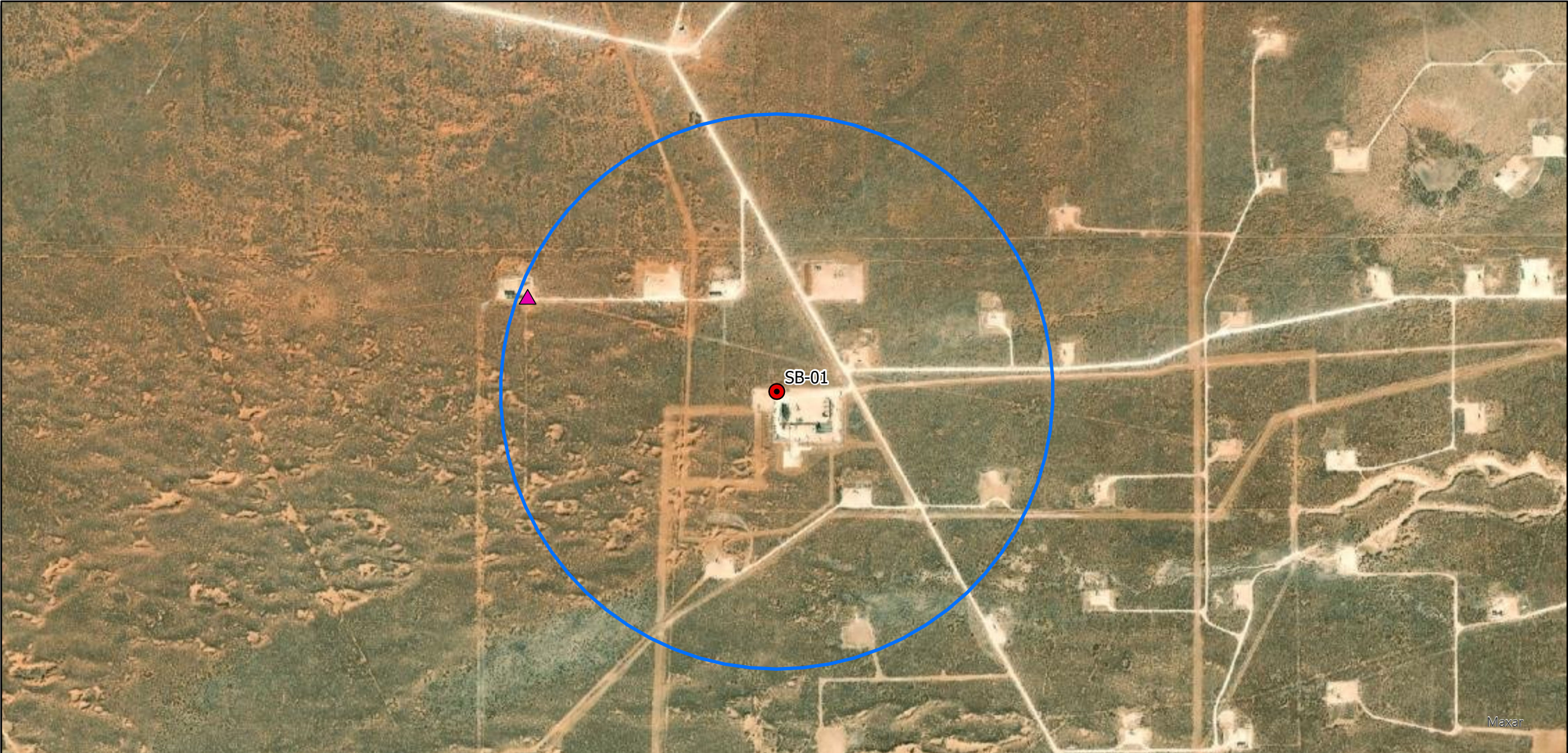
**Legend:**

- Remediation Walls
- Remediation Floors
- Commingled Historical Releases
- Existing Infrastructure

**Remediation Map South**  
**OXY USA, Inc.**  
**Red Tank 28 Federal #3 SWD**  
**32.3689194,-103.6786346**  
**Lea County, New Mexico**  
**NMOCD Reference # Multiple**  
**API # 30-025-31754**







<b>Legend:</b>  ▲ Site Location ● Soil Bore □ 1/2 Mile Buffer	<b>Soil Bore Map</b> <b>OXY USA, Inc.</b> <b>Red Tank 28 Federal #3 SWD</b> <b>Lea County, New Mexico</b>	<div>00.10.20.40.60.8 Miles</div> <div></div>
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## Soil Bore Log SB-01

<b>PROJECT NAME</b> Red Tank 27-28		<b>DRILLING DATE</b> 04/05/2022	<b>COORDINATES</b> 32.366208, -103.670411
<b>CLIENT</b> OXY USA, Inc.		<b>TOTAL DEPTH</b> 105'	<b>COORD SYS</b> NAD 83
			<b>ULSTR</b> N-11-26S-28E
			<b>SURFACE ELEVATION</b> 3624'
<b>COMMENTS</b> Spud on the Northwest corner of the Red Tank 27-28 SWD pad. Bore Hole was observed to be dry after 72 hrs.			<b>LOGGED BY</b> CJ
			<b>CHECKED BY</b> DD
Depth (ft)	Moisture	Material Description	Elevation (ft)
5	D	Caliche Road Base at Surface. Dry	3620
		Reddish Brown Sandy Loam. Dry	
10		Light Tan Sandy Loam. Dry	3615
			3610
15		Reddish Brown Sandy Clay Loam. Dry	
			3605
20			3600
			3595
25			3590
			3585
30		Light Gray Sandy Clay Loam. Dry	
			3580
35		Reddish Brown Sandy Clay Loam. Dry	
			3575
40			3570
			3565
45			3560
			3555
50			3550
			3545
55			3540
		Reddish Brown Clay Loam. Dry	
60		Light Tan Sandy Loam. Dry	3535
		Tan Sandy Loam. Dry	3530
65			
70			
75			
80			
85			
90			
95			
100		White Sandy Loam. Dry	3525
			3520
105		Termination Depth at:105 ft.	
			3515

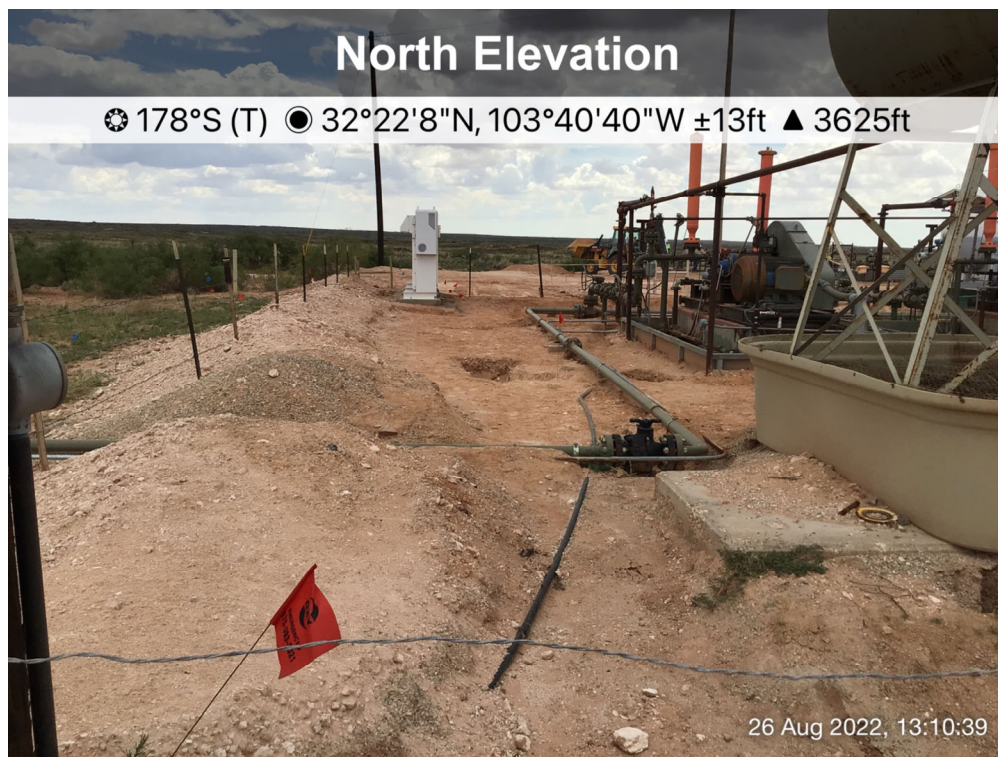
**DRY HOLE** This bore log is intended for evidence of depth to groundwater greater than 105'

Page 1 of 1



## Excavation

Pad:



Pad:

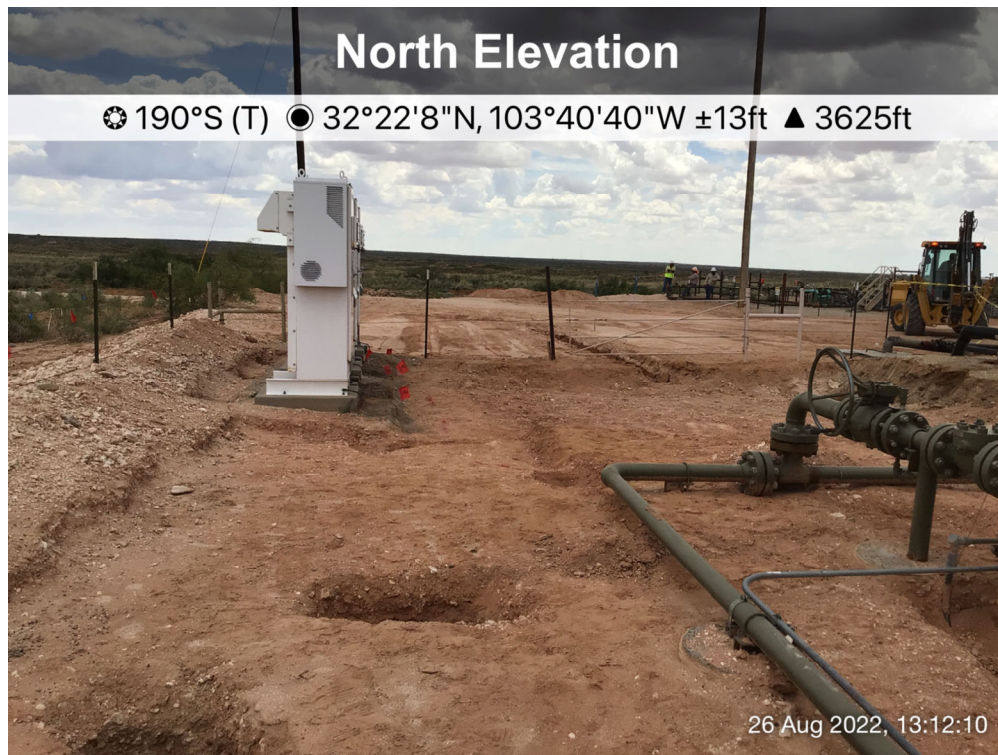




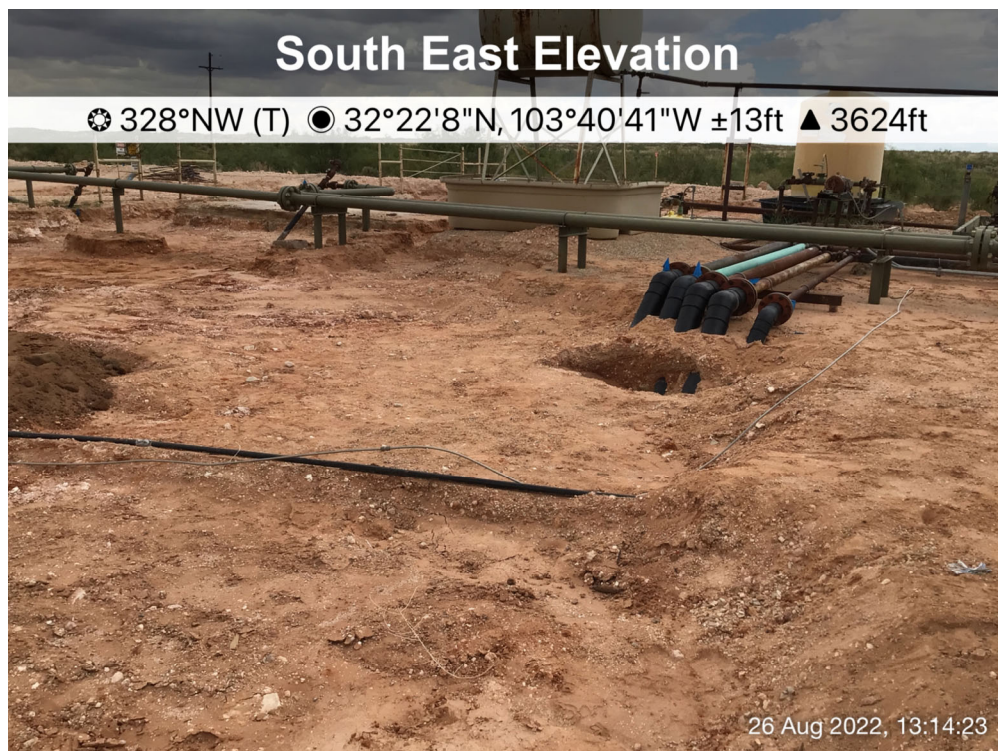


## Excavation

Pad:



Pad:





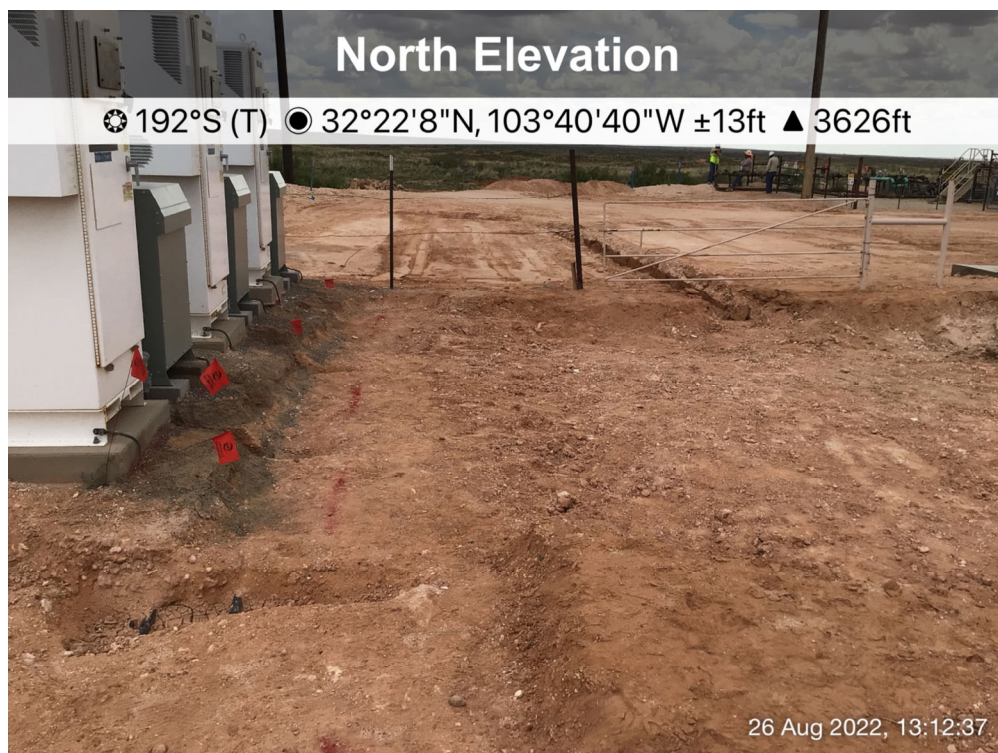


## Excavation

Pasture:



Pad:

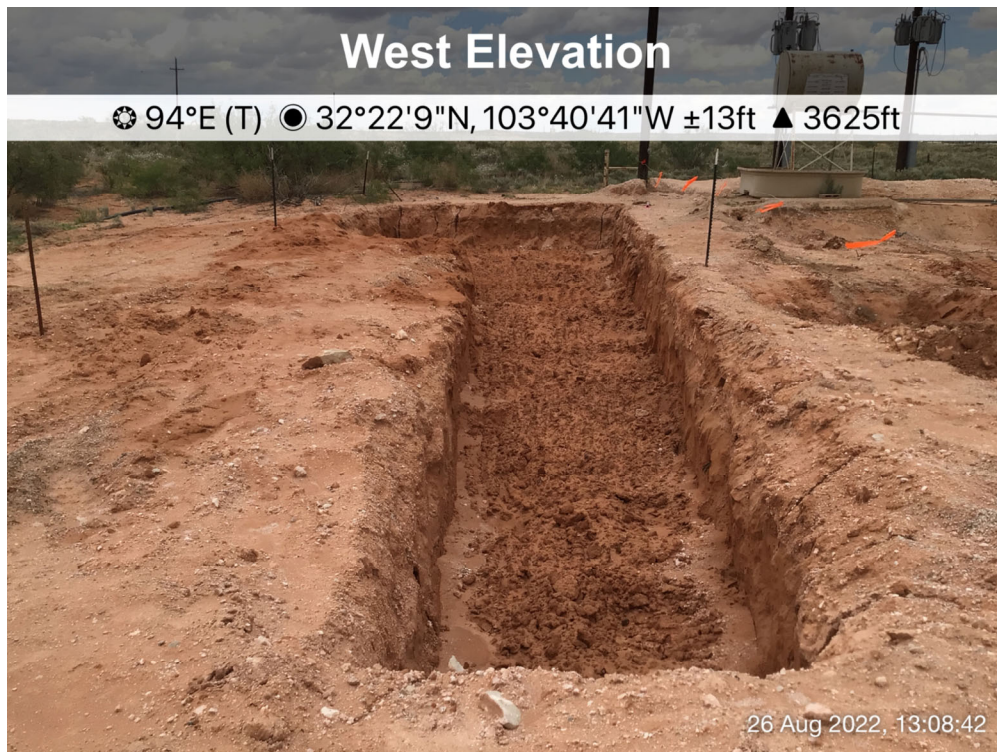






## Excavation

Pasture:



Pasture:






# Red Tank 28 Federal #003 SWD Battery

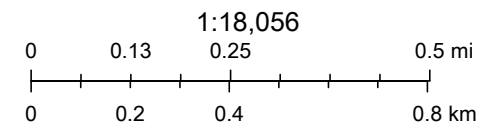


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 OSE District Boundary  Site Boundaries

Water Right Regulations

 Closure Area



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

Web Generated Map  
Map is generated by web users.





## Red Tank 28 Federal #003 SWD Battery



October 3, 2022

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

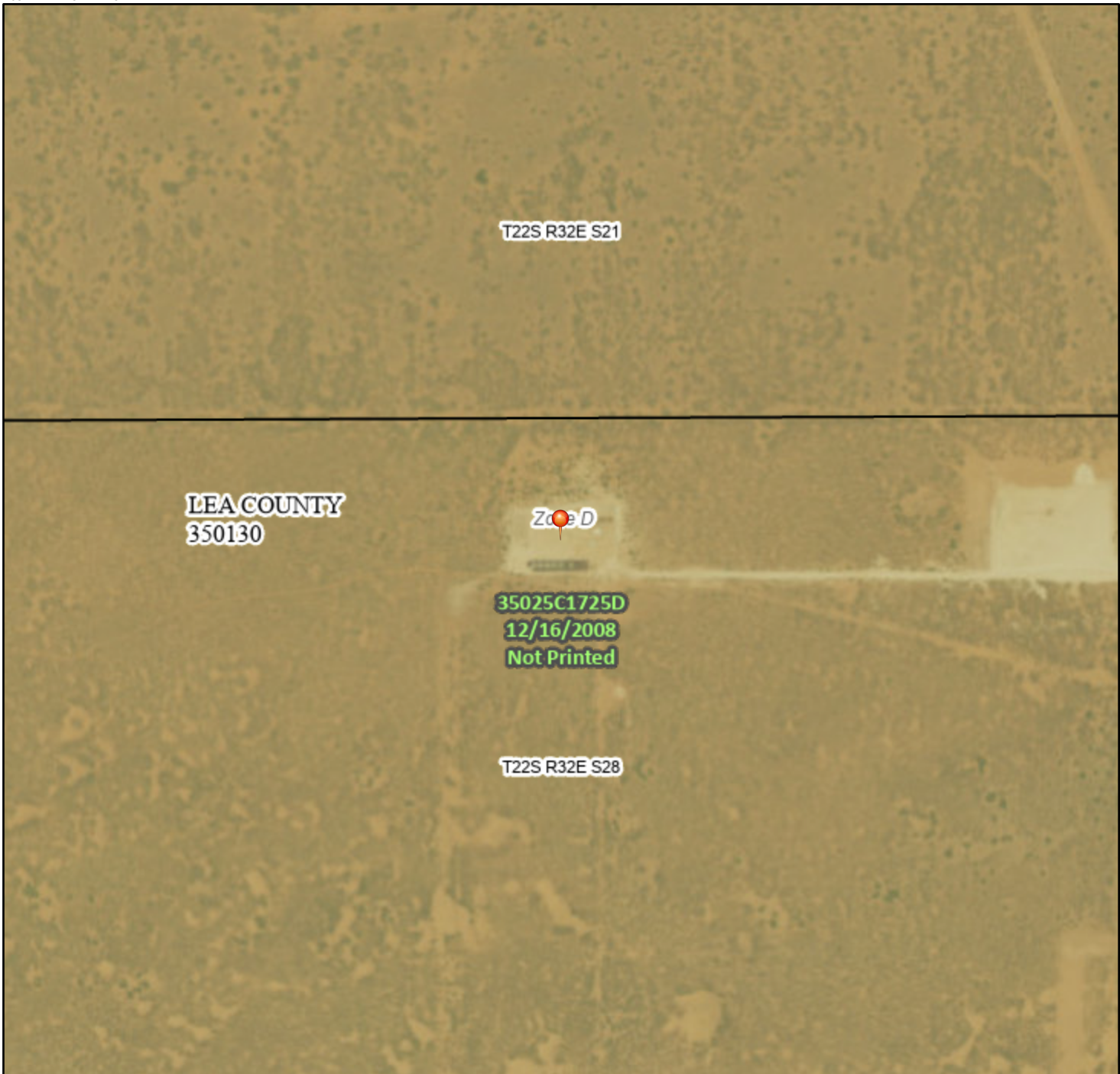
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



# National Flood Hazard Layer FIRMette



103°41'1"W 32°22'23"N



## Legend

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

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



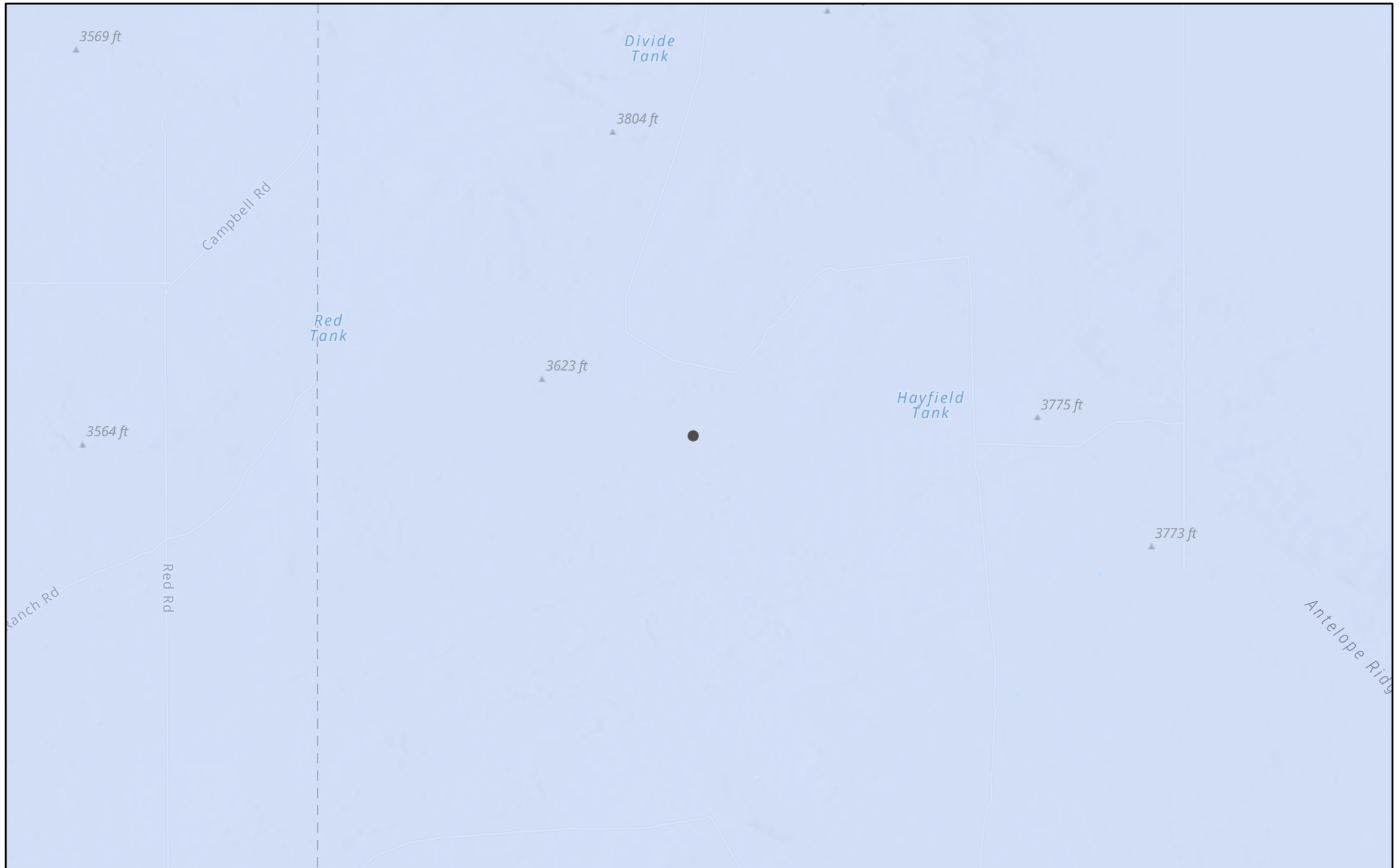
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/30/2022 at 12:43 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

# Red Tank 28 Federal #003 SWD Battery

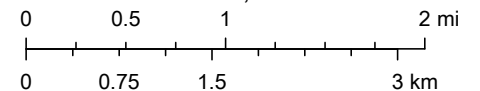


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Karst Occurrence Potential

 Low

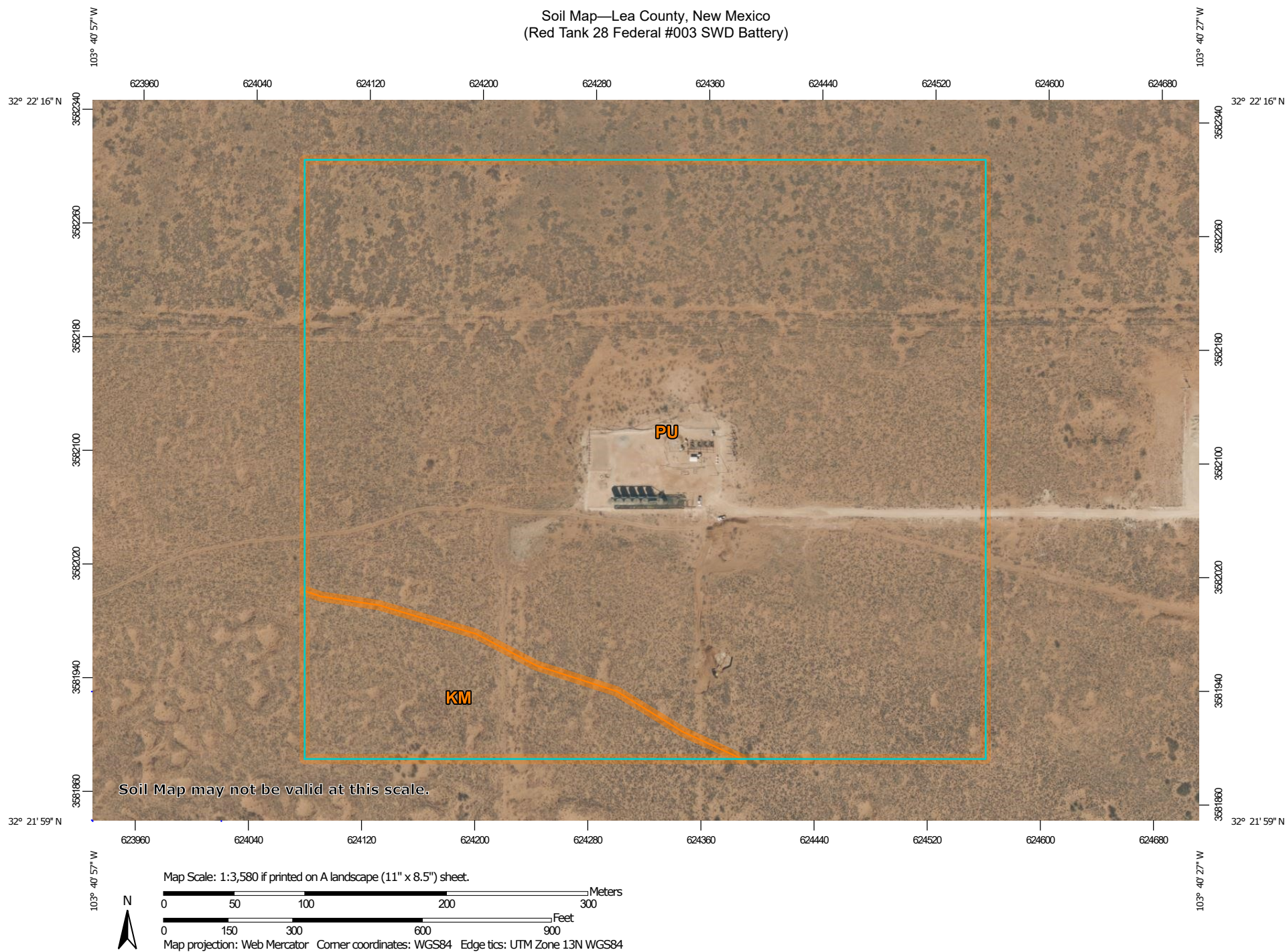
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BLM, OCD, New Mexico Tech, Esri, NASA, NGA, USGS, FEMA, New Mexico State University, Texas Parks & Wildlife, CONANP, Esri, HERE,

New Mexico Oil Conservation Division




Soil Map—Lea County, New Mexico  
(Red Tank 28 Federal #003 SWD Battery)Natural Resources  
Conservation ServiceWeb Soil Survey  
National Cooperative Soil Survey9/30/2022  
Page 1 of 3

Soil Map—Lea County, New Mexico  
(Red Tank 28 Federal #003 SWD Battery)


## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



Aerial Photography

## MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 18, Sep 10, 2021

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

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

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

Soil Map—Lea County, New Mexico

Red Tank 28 Federal #003  
SWD Battery

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KM	Kermit soils and Dune land, 0 to 12 percent slopes	5.2	10.4%
PU	Pyote and Maljamar fine sands	45.2	89.6%
<b>Totals for Area of Interest</b>		<b>50.4</b>	<b>100.0%</b>





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

CONDITIONS  
  
Action 150235

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 150235
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. Please implement 19.15.29.13 NMAC when completing P&A.	12/8/2022