

Incident ID	NAPP2208054520
District RP	
Facility ID	
Application ID	


Closure

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

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

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

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

Printed Name: Connor Walker Title: Sr. Engineer
Signature:  Date: 04/27/2023
email: cwalker@mewbourne.com Telephone: 806-202-5281

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: Nelson Velez Date: 07/20/2023
Printed Name: Nelson Velez Title: Environmental Specialist – Adv

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

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

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

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Release Notification

Responsible Party

Responsible Party	Mewbourne Oil Company	OGRID	14744
Contact Name	Connor Walker	Contact Telephone	806-202-5281
Contact email	cwalker@mewbourne.com	Incident # (assigned by OCD)	nAPP2208054520
Contact mailing address	4801 Business Park Blvd, Hobbs, NM 88240		

Location of Release Source

Latitude 32.063997 _____ Longitude -103.578566 _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Salado Draw 9 A3CN Tie In	Site Type	Pipeline
Date Release Discovered	3/8/2022	API# (if applicable)	

Unit Letter	Section	Township	Range	County
C	9	26S	33E	Lea

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

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 65	Volume Recovered (bbls) 35
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release


A steel nipple on a pipeline riser developed a hole.

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The release was greater than 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notice was given by Connor Walker to ocd.enviro@state.nm.us on 3/8/2022 @ 7:20AM via email.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Connor Walker</u>	Title: <u>Sr. Engineer</u>
Signature: 	Date: <u>3/17/2022</u>
email: <u>cwalker@mewbourne.com</u>	Telephone: <u>806-202-5281</u>
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>03/21/2022</u>

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Site Assessment/Characterization

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

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

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


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

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

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

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Printed Name: Connor Walker Title: Sr. Engineer
Signature:  Date: 6/3/2022
email: cwalker@mewbourne.com Telephone: 806-202-5281

OCD Only

Received by: _____ Date: _____

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Remediation Plan


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

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

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

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

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Printed Name: Connor Walker Title: Sr. Engineer
Signature:  Date: 6/3/2022
email: cwalker@mewbourne.com Telephone: 806-202-5281

OCD Only

Received by: _____ Date: _____

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

Signature:  Date: 06/07/2022

Trinity Oilfield Services & Rentals, LLC



April 21st, 2023

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

Re: **Closure Request**
Salado Draw 9 A3CN Tie In
Tracking #: NAPP2208054520

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

Site Information	
Incident ID	NAPP2208054520
Site Name	Salado Draw 9 A3CN Tie In
Company	Mewbourne Oil Co.
County	Lea
ULSTR	C-09-26S-33E
GPS Coordinates (NAD 83)	32.063997,-103.578566
Landowner	Federal

RELEASE BACKGROUND

On 3/21/2022, Mewbourne Oil Co. reported a release at the Salado Draw 9 A3CN Tie In. The release was caused when a steel nipple on pipeline riser developed a hole. Approximately 10,000 sqft. of the Pad and Pasture was found to be damp upon initial inspection.

Release Information	
Date of Release	3/8/2022
Type of Release	Produced Water
Source of Release	Equipment Failure
Volume Released – Produced Water	65 bbls
Volume Recovered – Produced Water	35 bbls
Volume Released – Crude Oil	0 bbls
Volume Recovered – Crude Oil	0 bbls
Affected Area – Damp Soil	Pad and Pasture - Approximately 10,000 sqft.
Site Location Map	Attached

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

Data Source	Well Number	Data Date	Depth (ft.)
NM OSE	NA	NA	NA
USGS	NA	NA	NA
Soil Bore	NA	NA	NA

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

General Site Characterization:

Site Assessment	
Karst Potential	Medium
Distance to Watercourse	487.4 ft. to Wetland
Within 100 yr Floodplain	No
Pasture Impact	Yes

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

Closure Criteria:

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

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

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

Delineation Summary	
Delineation Dates	03/24/2022 - 04/29/2022
Depths Sampled	0' - 6'
Delineation Map	Attached
Laboratory Results	Table 1

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

Confirmation Activities:

Remediation Summary	
Remediation Dates	01/25/2023 - 02/08/2023
Workplan Approval	06/07/2022
Confirmation Sample Notification	01/13/2023
Liner Variance Request	None
Deferral Request	None
Depths Excavated	2' - 6'
Area Represented by the required 5-point Confirmation Samples – Floors and Walls	400 sqft.
Total Volume of Excavated Soil	1,972 yards
Remediation Map	Attached
Laboratory Results	Table 2

Impacted soil within the release margins was excavated and temporarily stockpiled on-site on a 6-mil plastic sheeting, pending final disposition. Unless a Variance Request has been approved, all Floor and On-Site Walls of the excavated area were advanced until laboratory analytical results from confirmation soil samples indicate Chloride, Benzene, BTEX, and TPH concentrations are below the RRAL NMOCD Closure Criteria listed in the Table above, and all Off-Site Walls were advanced to meet reclamation standards. Confirmation soil samples (five-point composites representing no more than 400 sqft. of the excavated area) were collected from the floor and sidewalls.

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

SITE RECLAMATION AND RESTORATION

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

REQUEST FOR CLOSURE

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

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

Sincerely,

Dan Dunkelberg

Dan Dunkelberg
Project Manager

Cynthia Jordan

Cynthia Jordan
Project Scientist



Cynthia Jordan <cynthia@trinityoilfieldservices.com>

Confirmation Sample Notification - NAPP2208054520 SALADO DRAW 9 A3CN TIE IN

Dan Dunkelberg <dan@trinityoilfieldservices.com>

Fri, Jan 13, 2023 at 12:31 PM

To: OCD.Enviro@emnrd.nm.gov

Cc: Josh Halcomb <josh@trinityoilfieldservices.com>, Cynthia Jordan <cynthia@trinityoilfieldservices.com>

This is a notification that Trinity Oilfield Services will conduct confirmation sampling on behalf of Mewbourne Oil Co. at the above referenced site on Tuesday, January 17, 2023 at 9:00 a.m.

Dan Dunkelberg
Environmental Manager



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

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

MEWBOURNE OIL COMPANY
SALADO DRAW 9 A3CN TIE IN
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2208054520



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
Delineation Special circumstances, On-Site, & Deeper than 4' Pasture					600	100	NE	NE	NE	NE	50	10
NMOCD Delineation Limits Pasture to 4' & Walls					600	100	NE	NE	NE	NE	50	10
Vertical Delineation												
SP - 1 @ SURFACE	0	3/24/2022	Grab	In-Situ	22,200	1,932.3	1,672.3	32.3	1,640.0	260	<0.300	<0.050
SP - 1 @ 1'	1	3/24/2022	Grab	In-Situ	2,840	13.3	13.3	<10.0	13.3	<10.0	<0.300	<0.050
SP - 1 @ 2'	2	3/24/2022	Grab	In-Situ	2,130	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 1 @ 3'	3	3/24/2022	Grab	In-Situ	3,120	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 1 @ 4'	4	4/29/2022	Grab	In-Situ	672	-	-	-	-	-	-	-
SP - 1 @ 5'	5	4/29/2022	Grab	In-Situ	80.0	-	-	-	-	-	-	-
SP - 2 @ SURFACE	0	3/24/2022	Grab	In-Situ	10,000	716	573	<10.0	573	143	<0.300	<0.050
SP - 2 @ 1'	1	3/24/2022	Grab	In-Situ	7,600	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 2 @ 2'	2	3/24/2022	Grab	In-Situ	4,720	16.5	16.5	<10.0	16.5	<10.0	<0.300	<0.050
SP - 2 @ 4'	4	4/29/2022	Grab	In-Situ	7,440	-	-	-	-	-	-	-
SP - 2 @ 6'	6	4/29/2022	Grab	In-Situ	112	-	-	-	-	-	-	-
SP - 3 @ SURFACE	0	3/24/2022	Grab	In-Situ	16,400	20.3	20.3	<10.0	20.3	<10.0	<0.300	<0.050
SP - 3 @ 1'	1	3/24/2022	Grab	In-Situ	9,330	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 3 @ 2'	2	3/24/2022	Grab	In-Situ	7,440	13.3	13.3	<10.0	13.3	<10.0	<0.300	<0.050
SP - 3 @ 4'	4	4/29/2022	Grab	In-Situ	2,680	-	-	-	-	-	-	-
SP - 3 @ 6'	6	4/29/2022	Grab	In-Situ	368	-	-	-	-	-	-	-
SP - 4 @ SURFACE	0	3/24/2022	Grab	In-Situ	19,600	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 4 @ 1'	1	3/24/2022	Grab	In-Situ	8,400	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 4 @ 2'	2	3/24/2022	Grab	In-Situ	7,730	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 4 @ 4'	4	4/29/2022	Grab	In-Situ	1,680	-	-	-	-	-	-	-
SP - 4 @ 6'	6	4/29/2022	Grab	In-Situ	80.0	-	-	-	-	-	-	-
SP - 5 @ SURFACE	0	3/24/2022	Grab	In-Situ	29,000	38.1	38.1	<10.0	38.1	<10.0	<0.300	<0.050
SP - 5 @ 1'	1	3/24/2022	Grab	In-Situ	4,080	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 5 @ 2'	2	3/24/2022	Grab	In-Situ	432	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
Horizontal Delineation												
SP - 1 N @ 2'	2	3/24/2022	Grab	In-Situ	64.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 1 S @ 2'	2	3/24/2022	Grab	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 1 E @ 2'	2	3/24/2022	Grab	In-Situ	256	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 2 E @ 2'	2	3/24/2022	Grab	In-Situ	208	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050

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

MEWBOURNE OIL COMPANY
SALADO DRAW 9 A3CN TIE IN
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2208054520



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
Delineation Special circumstances, On-Site, & Deeper than 4' Pasture					600	100	NE	NE	NE	NE	50	10
NMOCD Delineation Limits Pasture to 4' & Walls					600	100	NE	NE	NE	NE	50	10
SP - 2 W @ 2'	2	3/24/2022	Grab	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 3 E @ 2'	2	3/24/2022	Grab	In-Situ	64.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 3 W @ 2'	2	3/24/2022	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 4 E @ 2'	2	3/24/2022	Grab	In-Situ	368	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 4 W @ 2'	2	3/24/2022	Grab	In-Situ	80.0	24.1	11.5	<10.0	11.5	12.6	<0.300	<0.050
SP - 5 S @ 2'	2	3/24/2022	Grab	In-Situ	112	21.5	10.9	<10.0	10.9	10.6	<0.300	<0.050
SP - 5 E @ 2'	2	3/24/2022	Grab	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 5 W @ 2'	2	3/24/2022	Grab	In-Situ	144	12.5	12.5	<10.0	12.5	<10.0	<0.300	<0.050

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

MEWBOURNE OIL COMPANY
SALADO DRAW 9 A3CN TIE IN
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2208054520



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	ON-SITE/ OFF-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits On-Site							600	100	NE	NE	NE	NE	50	10
NMOCD Closure Limits Off-Site to 4'							600	100	NE	NE	NE	NE	50	10
Remediation Floors														
CF-001-02.0-NA-P	2	1/25/2023	Floor	Off-Site	Composite	In-Situ	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-002-02.0-NA-P	2	1/25/2023	Floor	Off-Site	Composite	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-003-02.0-NA-P	2	1/25/2023	Floor	Off-Site	Composite	In-Situ	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-004-06.0-NA-P	6	1/25/2023	Floor	Off-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-005-06.0-NA-P	6	1/25/2023	Floor	Off-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-006-06.0-NA-P	6	1/25/2023	Floor	Off-Site	Composite	In-Situ	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-007-06.0-NA-P	6	1/25/2023	Floor	Off-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-008-06.0-NA-P	6	1/25/2023	Floor	Off-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-009-06.0-NA-P	6	1/25/2023	Floor	Off-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-010-06.0-NA-P	6	1/25/2023	Floor	Off-Site	Composite	In-Situ	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-011-06.0-NA-P	6	1/25/2023	Floor	Off-Site	Composite	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-012-06.0-NA-P	6	1/25/2023	Floor	Off-Site	Composite	In-Situ	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-013-05.0-NA-P	5	2/8/2023	Floor	Off-Site	Composite	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-014-05.0-NA-P	5	2/8/2023	Floor	Off-Site	Composite	In-Situ	112.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-015-06.0-NA-P	6	2/8/2023	Floor	Off-Site	Composite	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-016-06.0-NA-P	6	2/8/2023	Floor	Off-Site	Composite	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-017-04.0-NA-P	4	2/1/2023	Floor	Off-Site	Composite	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-018-06.0-NA-P	6	2/1/2023	Floor	Off-Site	Composite	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-019-06.0-NA-P	6	2/1/2023	Floor	Off-Site	Composite	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-020-06.0-NA-P	6	2/1/2023	Floor	Off-Site	Composite	In-Situ	64.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-021-05.0-NA-P	5	2/8/2023	Floor	Off-Site	Composite	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-022-06.0-NA-P	6	2/1/2023	Floor	Off-Site	Composite	In-Situ	160.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-023-06.0-NA-P	6	1/25/2023	Floor	Off-Site	Composite	In-Situ	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-024-06.0-NA-P	6	1/25/2023	Floor	Off-Site	Composite	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-025-06.0-NA-P	6	1/25/2023	Floor	Off-Site	Composite	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
Remediation Walls														
CW-001-01.0-NA-P	1	2/1/2023	Wall	Off-Site	Composite	In-Situ	160.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-002-01.0-NA-P	1	2/1/2023	Wall	Off-Site	Composite	In-Situ	112.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-003-02.0-NA-P	2	2/1/2023	Wall	Off-Site	Composite	In-Situ	160.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-004-02.0-NA-P	2	2/1/2023	Wall	Off-Site	Composite	In-Situ	112.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-005-02.0-NA-P	2	2/8/2023	Wall	Off-Site	Composite	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-006-01.0-NA-P	1	2/8/2023	Wall	Off-Site	Composite	In-Situ	160.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-007-01.0-NA-P	1	2/8/2023	Wall	Off-Site	Composite	In-Situ	96.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-008-02.0-NA-P	2	2/8/2023	Wall	Off-Site	Composite	In-Situ	64.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050

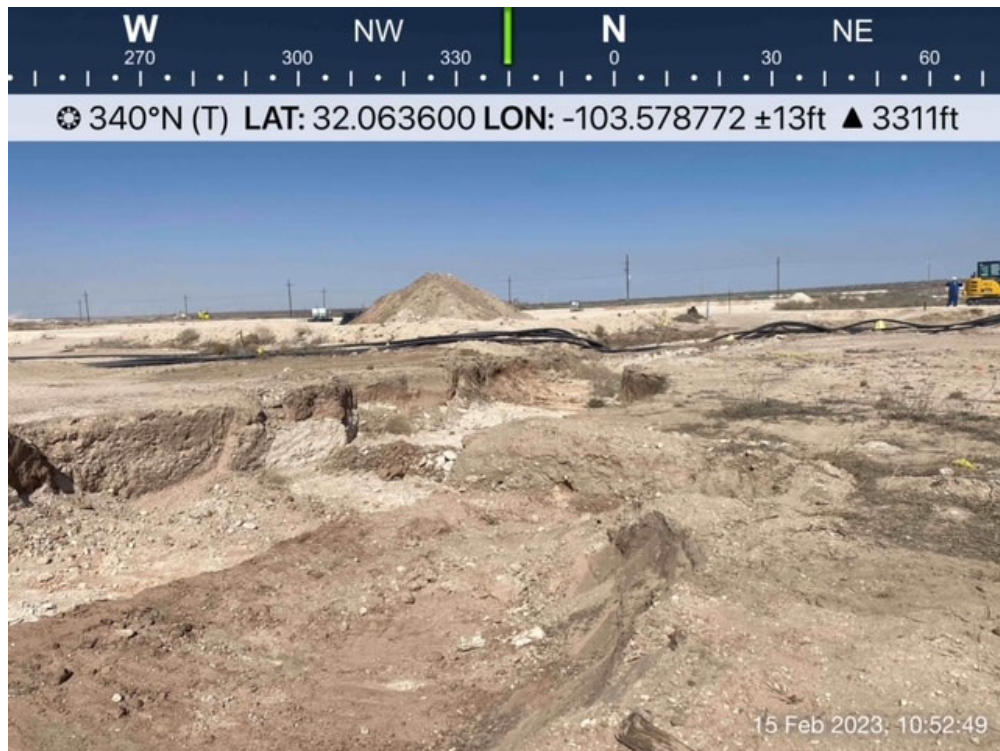


Excavation

Pasture:



Pasture:





Excavation

Pasture:



Pasture:





Excavation

Pasture:



Pasture:





Excavation

Pasture:



Pasture:



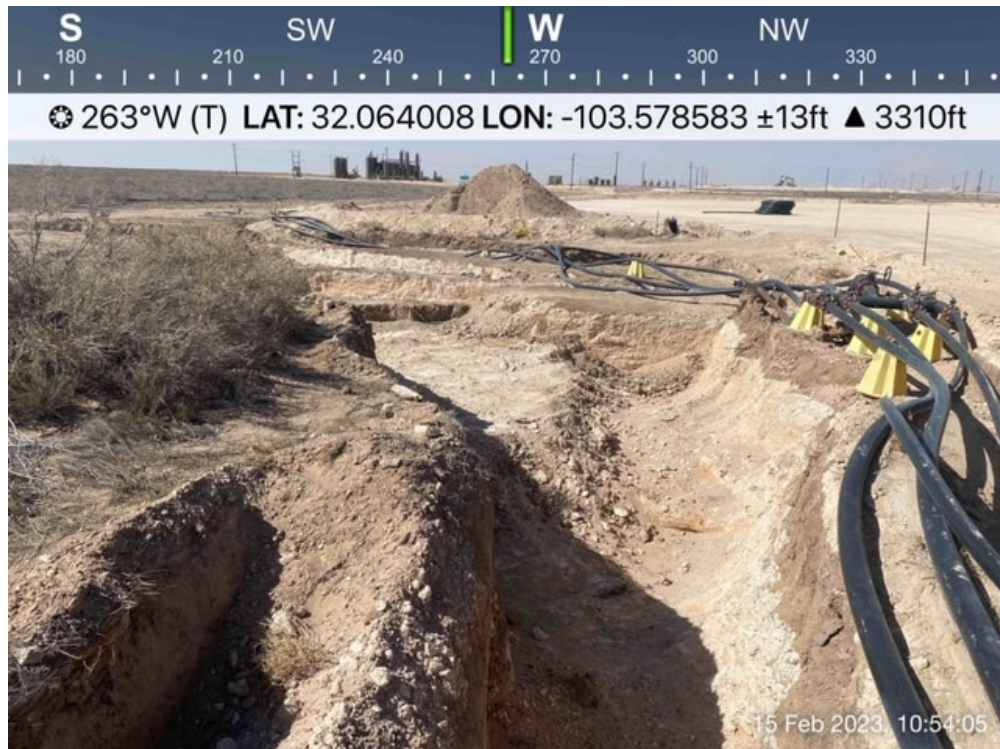


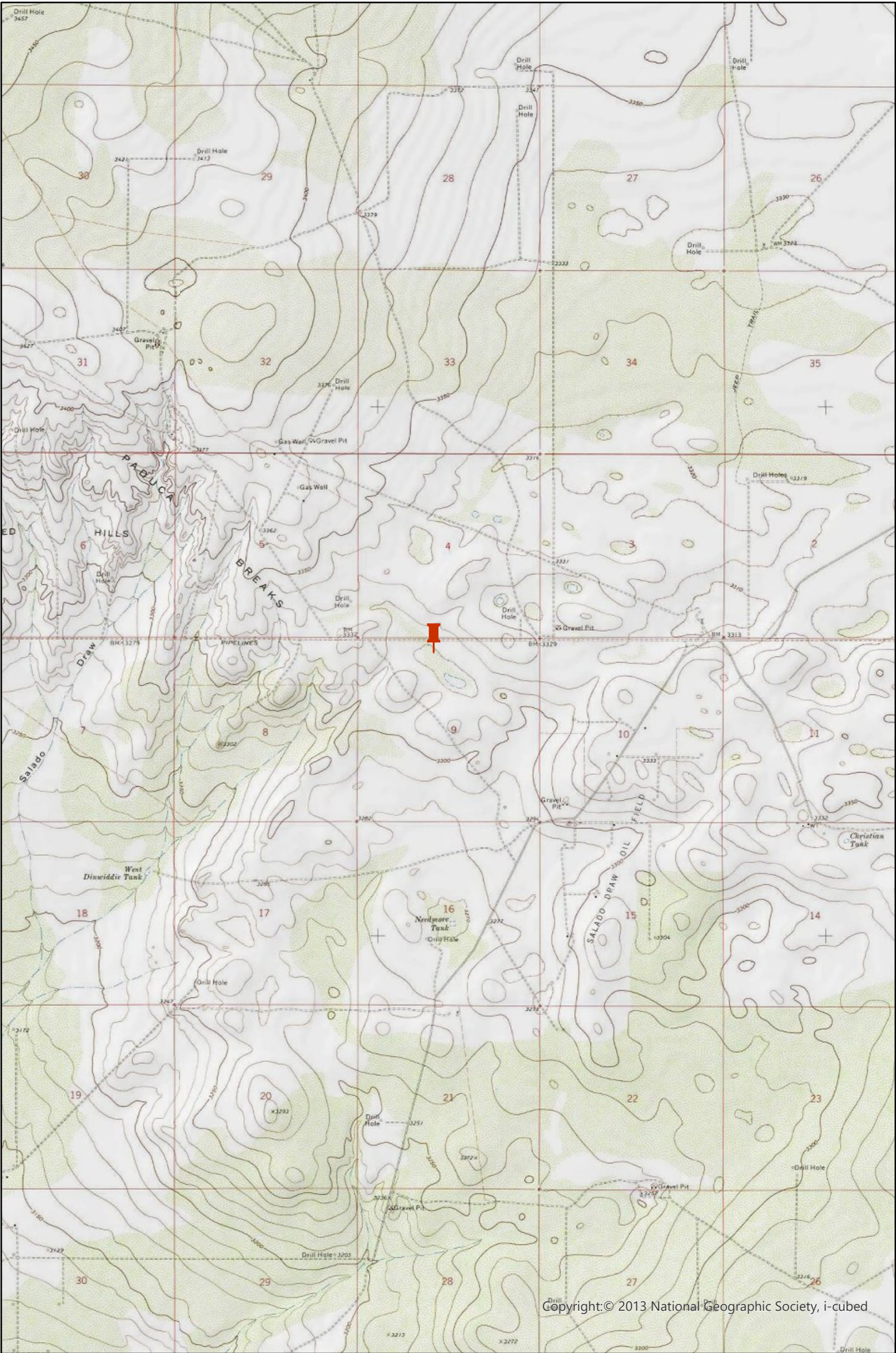
Excavation

Pasture:



Pasture:



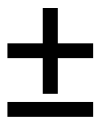
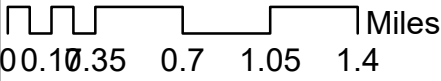


Legend:



Site Location

Figure 1
Site Location Map
Mewbourne Oil Co.
Salado Draw 9 A3CN Tie-In
Lea County, New Mexico
NMOCD Reference #
NAPP2208054520

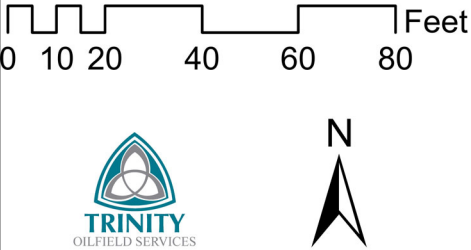


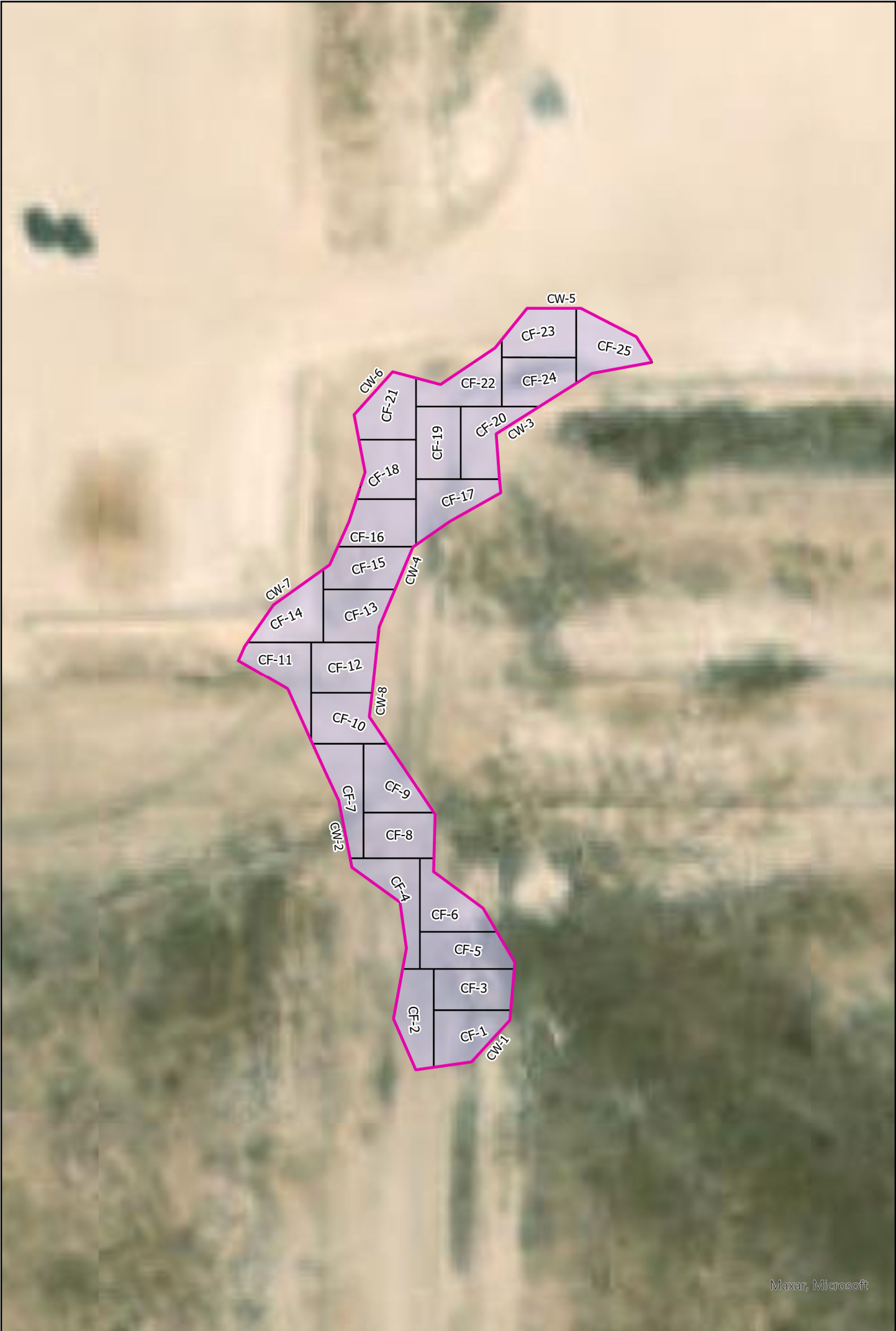


Legend:

-  Sample Point
-  Affected Area




Figure 2
Initial Delineation Map
Mewbourne Oil Co.
Salado Draw 9 A3CN Tie-In
Lea County, New Mexico
NMOCD Reference #
NAPP2208054520



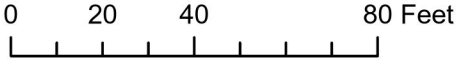


Maxar, Microsoft

Legend:



-  Remediation Walls
-  Remediation Floors
-  Excavation Area

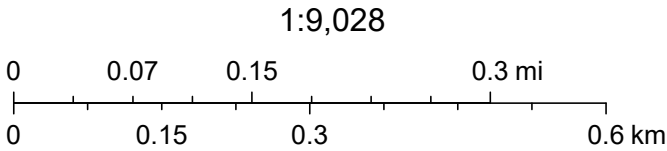
**Remediation Map
Mewbourne Oil Co.
Salado Draw 9 A3CN Tie-In
32.063997,-103.578566
Lea County, New Mexico
NMOCD Reference #
NAPP2208054520**





6/3/2022, 3:17:40 PM

-  OSE District Boundary
- Water Right Regulations
- Closure Area
-  SiteBoundaries



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NAPP2208054520 | SALADO DRAW 9 A3CN TIE IN



June 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 FIRMMette



103°35'2"W 32°4'6"N



Legend

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

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

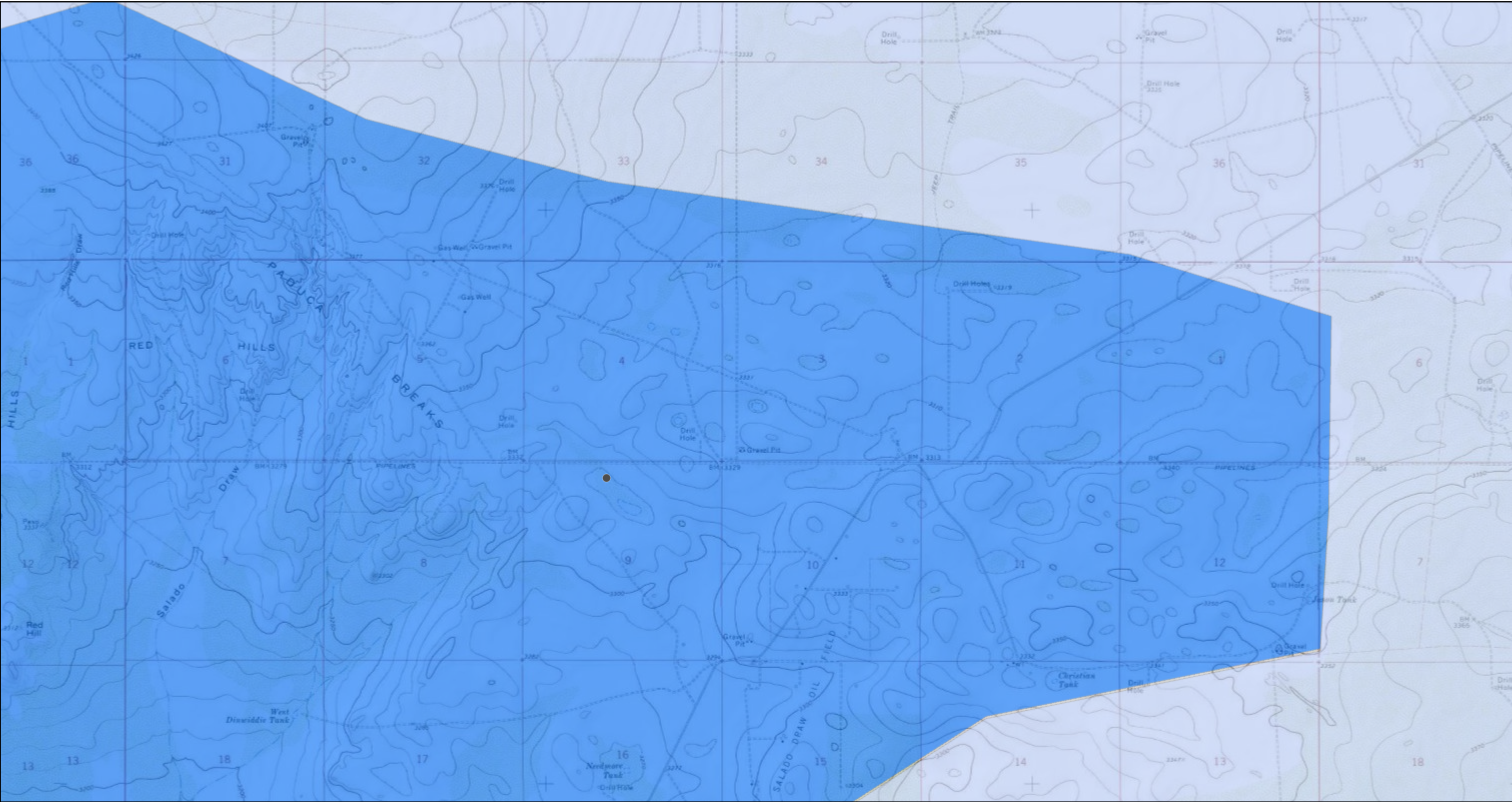
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/3/2022 at 5:14 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.

NAPP2208054520 | SALADO DRAW 9 A3CN TIE IN

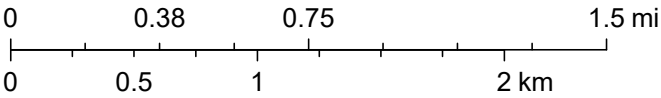


6/3/2022, 3:16:10 PM

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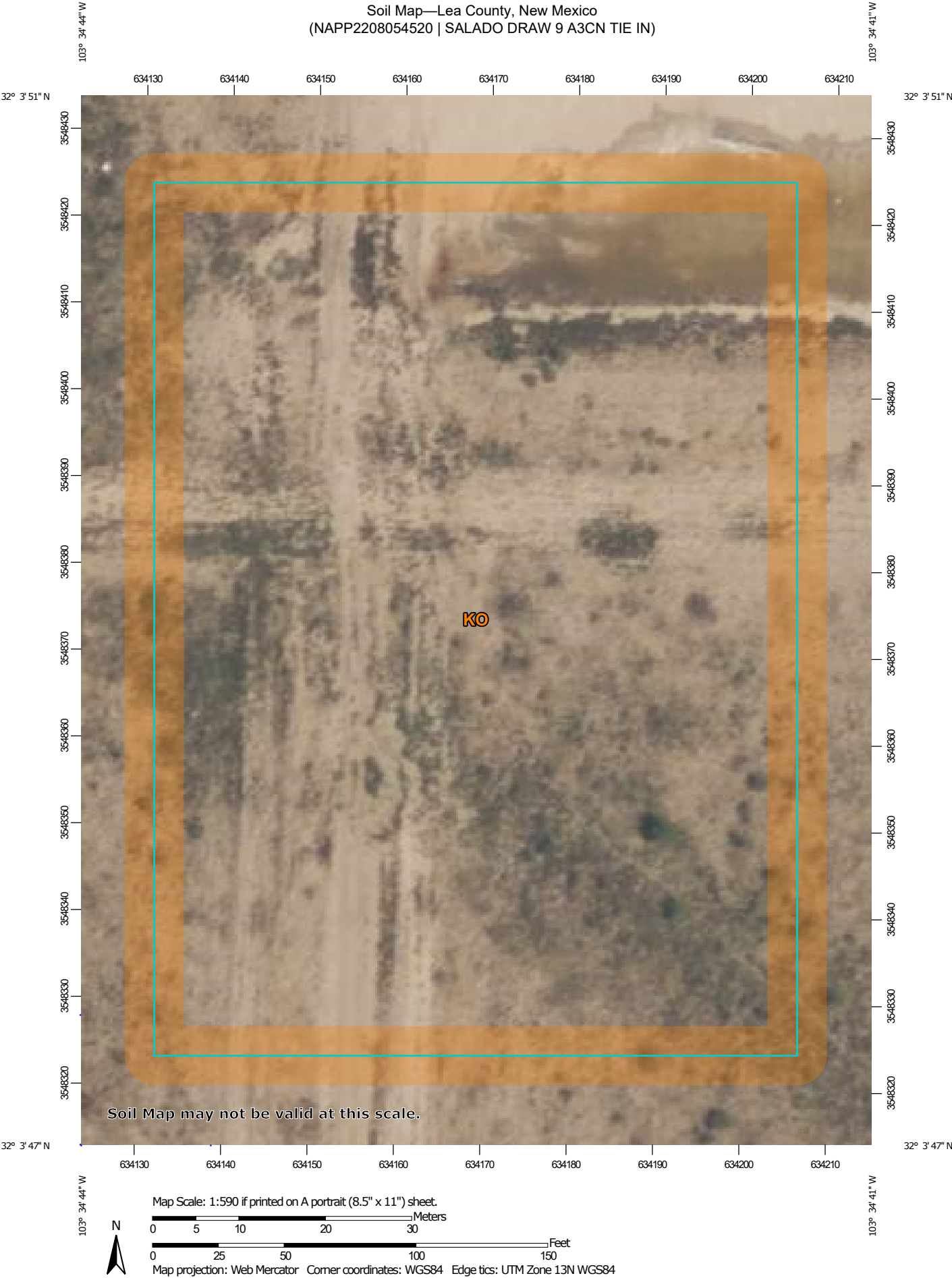
Karst Occurrence Potential

- Medium
- Low



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Soil Map—Lea County, New Mexico
(NAPP2208054520 | SALADO DRAW 9 A3CN TIE IN)



Natural Resources
Conservation Service


Web Soil Survey
National Cooperative Soil Survey

6/3/2022
Page 1 of 3

Soil Map—Lea County, New Mexico
(NAPP2208054520 | SALADO DRAW 9 A3CN TIE IN)

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.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KO	Kimbrough gravelly loam, dry, 0 to 3 percent slopes	1.9	100.0%
Totals for Area of Interest		1.9	100.0%



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

March 31, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SALADO DRAW 9

Enclosed are the results of analyses for samples received by the laboratory on 03/29/22 13:35.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 1 VERTICAL @ SURFACE (H221239-01)

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2022	ND	2.00	99.8	2.00	8.23	
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99	
Total Xylenes*	0.286	0.150	03/30/2022	ND	6.10	102	6.00	8.11	GC-NC1
Total BTX	<0.300	0.300	03/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 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	22200	16.0	03/31/2022	ND	400	100	400	0.00	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*	32.3	10.0	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	1640	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	260	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 135 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 1 VERTICAL @ 1' (H221239-02)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTEX	<0.300	0.300	03/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	2840	16.0	03/31/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	13.3	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 84.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.4 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 1 VERTICAL @ 2' (H221239-03)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTEX	<0.300	0.300	03/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	2130	16.0	03/31/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 90.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.0 % 59.5-142

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Analytical Results For:

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

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 1 VERTICAL @ 3' (H221239-04)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTEX	<0.300	0.300	03/30/2022	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	3120	16.0	03/31/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	187	93.7	200	0.175		
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	185	92.4	200	0.925		
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND						

Surrogate: 1-Chlorooctane 85.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.5 % 59.5-142

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Analytical Results For:

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

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 2 VERTICAL @ SURFACE (H221239-05)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTX	<0.300	0.300	03/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	10000	16.0	03/31/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	573	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	143	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 95.2 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 2 VERTICAL @ 1' (H221239-06)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTX	<0.300	0.300	03/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	7600	16.0	03/31/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 86.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.3 % 59.5-142

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Analytical Results For:

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

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 2 VERTICAL @ 2' (H221239-07)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTEX	<0.300	0.300	03/30/2022	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	4720	16.0	03/31/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	16.5	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 3 VERTICAL @ SURFACE (H221239-08)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTEX	<0.300	0.300	03/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	16400	16.0	03/31/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	20.3	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 103 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 3 VERTICAL @ 1' (H221239-09)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTEx	<0.300	0.300	03/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	9330	16.0	03/31/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 103 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 3 VERTICAL @ 2' (H221239-10)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTEX	<0.300	0.300	03/30/2022	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	7440	16.0	03/31/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	13.3	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 95.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 4 VERTICAL @ SURFACE (H221239-11)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTEx	<0.300	0.300	03/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	19600	16.0	03/31/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 4 VERTICAL @ 1' (H221239-12)

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2022	ND	2.00	99.8	2.00	8.23	
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11	
Total BTX	<0.300	0.300	03/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	8400	16.0	03/31/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 4 VERTICAL @ 2' (H221239-13)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTEx	<0.300	0.300	03/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	7730	16.0	03/31/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 104 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 5 VERTICAL @ SURFACE (H221239-14)

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2022	ND	2.00	99.8	2.00	8.23	
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11	
Total BTX	<0.300	0.300	03/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	29000	16.0	03/31/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	38.1	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 94.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 5 VERTICAL @ 1' (H221239-15)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTEx	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	4080	16.0	03/31/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 5 VERTICAL @ 2' (H221239-16)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTX	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	432	16.0	03/31/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 1 N @ 2' (H221239-17)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTX	<0.300	0.300	03/31/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/31/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 1 S @ 2' (H221239-18)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTX	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	48.0	16.0	03/31/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 91.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.8 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 1 E @ 2' (H221239-19)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTEx	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	256	16.0	03/31/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 95.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 2 E @ 2' (H221239-20)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTEx	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	208	16.0	03/31/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 94.0 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 2 W @ 2' (H221239-21)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTEx	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	03/31/2022	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 100 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 3 E @ 2' (H221239-22)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTX	<0.300	0.300	03/31/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/31/2022	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	03/30/2022	ND	161	80.4	200	2.73		
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53		
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND						

Surrogate: 1-Chlorooctane 89.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.0 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 3 W @ 2' (H221239-23)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTX	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	32.0	16.0	03/31/2022	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 93.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 4 E @ 2' (H221239-24)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTX	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	368	16.0	03/31/2022	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 89.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.5 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 4 W @ 2' (H221239-25)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTEx	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	03/31/2022	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	11.5	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	12.6	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 96.0 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 5 S @ 2' (H221239-26)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTX	<0.300	0.300	03/31/2022	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	112	16.0	03/31/2022	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	10.9	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	10.6	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.9 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 5 E @ 2' (H221239-27)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTEX	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	160	16.0	03/31/2022	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	03/30/2022	ND	199	99.5	200	5.45	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	186	93.0	200	6.82	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 76.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.0 % 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:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 5 W @ 2' (H221239-28)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTEx	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	144	16.0	03/31/2022	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	03/30/2022	ND	199	99.5	200	5.45	
DRO >C10-C28*	12.5	10.0	03/30/2022	ND	186	93.0	200	6.82	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 82.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.6 % 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

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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".

Celey D. Keene, Lab Director/Quality Manager

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



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: Mewbourne Oil Co.																																	
City: Hobbs		State: NM Zip: 88241		Attn: Robbie Runnels																																	
Phone #:		Fax #:		Address:																																	
Project #:		Project Owner: (see below)		City:																																	
Project Name: Salado Draw 9		dan@trinityoilfieldservices.com		State:		Zip:																															
Project Location: Eddy Co., NM				Phone #:																																	
Sampler Name: Ka				Fax #:																																	
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																													
		GIRAB OR (COMP. # CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		SLUDGE		OTHER: ACID/BASE: ICE / COOL		OTHER:		DATE		TIME		Chloride		TPH		BTEX													
Lab I.D.		Sample I.D.																																			
11		SP-4 Vertical @ Surface		G 1		X										3/24/2022		9:50		X		X		X													
12		SP-4 Vertical @ 1'		G 1		X										3/24/2022		9:55		X		X		X													
13		SP-4 Vertical @ 2'		G 1		X										3/24/2022		10:00		X		X		X													
14		SP-5 Vertical @ Surface		G 1		X										3/24/2022		10:05		X		X		X													
15		SP-5 Vertical @ 1'		G 1		X										3/24/2022		10:10		X		X		X													
16		SP-5 Vertical @ 2'		G 1		X										3/24/2022		10:15		X		X		X													
17		SP-1 N @ 2'		G 1		X										3/24/2022		1020		X		X		X													
18		SP-1 S @ 2'		G 1		X										3/24/2022		1025		X		X		X													
19		SP-1 E @ 2'		G 1		X										3/24/2022		1030		X		X		X													
20		SP-2 E @ 2'		G 1		X										3/24/2022		1035		X		X		X													

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Relinquished By:	Date: 3-29-22	Received By:	Verbal Result:	Yes	No	Add'l Phone #:
	Time: 1:35		All Results are emailed. Please provide Email address:			
Relinquished By:	Date:	Received By:	REMARKS:			
	Time:					

Delivered By: (Circle One)	Observed Temp. °C: -8.5	Sample Condition: Cool Intact	CHECKED BY: (Initials)	Turnaround Time:	Standard	X	Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp. °C: -9.0	Cool Intact			Rush		Cool Intact Observed Temp. °C
		Yes No		Thermometer ID #113			Yes No
				Correction Factor -0.5 °C			Corrected Temp. °C

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services		BILL TO		ANALYSIS REQUEST															
Project Manager: Dan Dunkelberg		P.O. #:																	
Address: 8426 N Dal Paso		Company: Mewbourne Oil Co.																	
City: Hobbs		Attn: Robbie Runnels																	
Phone #:		Address:																	
Project #:		City:																	
Project Name: Salado Draw 9		State: Zip: 88241																	
Project Location: Eddy Co., NM		Phone #:																	
Sampler Name: Ka		Fax #:																	
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(GRAB OR (COMP. # CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	Chloride	TPH	BTEX								
	H221239																		
	21	SP-2 W @ 2'	G 1				3/24/2022	1040	X	X	X								
	22	SP-3 E @ 2'	G 1				3/24/2022	1045	X	X	X								
	23	SP-3 W @ 2'	G 1				3/24/2022	1050	X	X	X								
	24	SP-4 E @ 2'	G 1				3/24/2022	1055	X	X	X								
	25	SP-4 W @ 2'	G 1				3/24/2022	1100	X	X	X								
	26	SP-5 S @ 2'	G 1				3/24/2022	1105	X	X	X								
	27	SP-5 E @ 2'	G 1				3/24/2022	1110	X	X	X								
	28	SP-5 W @ 2'	G 1				3/24/2022	1115	X	X	X								
	-																		
	-																		

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Relinquished By:	Date: 3-29-22	Received By:	Verbal Result:	Yes	No	Add'l Phone #:
	Time: 1335		All Results are emailed. Please provide Email address:			
Relinquished By:	Date:	Received By:	REMARKS:			
	Time:					

Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY:	Turnaround Time:	Standard	X	Bacteria (only) Sample Condition
	-8.5	Cool Intact	(Initials)		Rush		Cool Intact
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Yes Yes		Thermometer ID #113			Yes Yes
	-9.0	No No		Correction Factor -0.5 °C			No No

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

May 04, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SALADO DRAW 9

Enclosed are the results of analyses for samples received by the laboratory on 04/29/22 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.

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:	04/29/2022	Sampling Date:	04/29/2022
Reported:	05/04/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 1 VERTICAL @ 4' (H221791-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	05/03/2022	ND	432	108	400	0.00	

Sample ID: SP - 1 VERTICAL @ 5' (H221791-02)

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	05/03/2022	ND	432	108	400	0.00	

Sample ID: SP - 2 VERTICAL @ 4' (H221791-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7440	16.0	05/03/2022	ND	432	108	400	0.00	

Sample ID: SP - 2 VERTICAL @ 6' (H221791-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/03/2022	ND	432	108	400	0.00	

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: 04/29/2022
 Reported: 05/04/2022
 Project Name: SALADO DRAW 9
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 04/29/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 3 VERTICAL @ 4' (H221791-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2680	16.0	05/03/2022	ND	432	108	400	0.00		

Sample ID: SP - 3 VERTICAL @ 6' (H221791-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	05/03/2022	ND	432	108	400	0.00		

Sample ID: SP - 4 VERTICAL @ 4' (H221791-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1680	16.0	05/03/2022	ND	432	108	400	0.00		

Sample ID: SP - 4 VERTICAL @ 6' (H221791-08)

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	05/03/2022	ND	432	108	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services

Project Manager: Dan Dunkelberg

Address: 8426 N Dal Paso

City: Hobbs

Phone #:

Project #:

Project Name: Salado Draw 9

Project Location: Eddy Co., NM

Sampler Name: KA

BILL TO

P.O. #:

Company: Mewbourne Oil Co.

Attn: Robbie Runnels

Address:

City:

State:

Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D. H221791

Sample I.D.

(G)RAB OR (C)IOMP:

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

MATRIX

PRESERV.

SAMPLING

DATE

TIME

Chloride

TPH

BTEX

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Relinquished By:

Date:

Time:

Received By:

Verbal Result:

Yes

No

Add'l Phone #:

All Results are emailed. Please provide Email address:

Relinquished By:

Date:

Time:

Received By:

REMARKS:

Delivered By: (Circle One)

Observed Temp. °C

23.6°C

Corrected Temp. °C

23.1°C

Sample Condition

Cool Intact

Yes Yes

No No

CHECKED BY:

(Initials)

SR

Turnaround Time:

Standard

X

Rush

Bacteria (only) Sample Condition

Cool Intact

Yes Yes

No No

Observed Temp. °C

Corrected Temp. °C

Thermometer ID #113

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

January 30, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SALADO DRAW 9

Enclosed are the results of analyses for samples received by the laboratory on 01/26/23 15:30.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/26/2023	Sampling Date:	01/25/2023
Reported:	01/30/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CF-001-02.0-NA-P (H230383-01)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	13.5		
Toluene*	<0.050	0.050	01/28/2023	ND	2.13	107	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.15	107	2.00	12.9		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.48	108	6.00	13.1		
Total BTEX	<0.300	0.300	01/28/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	211	106	200	0.313	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	232	116	200	0.287	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/26/2023
 Reported: 01/30/2023
 Project Name: SALADO DRAW 9
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 01/25/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-002-02.0-NA-P (H230383-02)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	13.5	
Toluene*	<0.050	0.050	01/28/2023	ND	2.13	107	2.00	11.8	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.15	107	2.00	12.9	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.48	108	6.00	13.1	
Total BTEx	<0.300	0.300	01/28/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	211	106	200	0.313	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	232	116	200	0.287	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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Analytical Results For:

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

Received: 01/26/2023
 Reported: 01/30/2023
 Project Name: SALADO DRAW 9
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 01/25/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-003-02.0-NA-P (H230383-03)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	13.5	
Toluene*	<0.050	0.050	01/28/2023	ND	2.13	107	2.00	11.8	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.15	107	2.00	12.9	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.48	108	6.00	13.1	
Total BTEx	<0.300	0.300	01/28/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	211	106	200	0.313	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	232	116	200	0.287	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 70.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 49.1-148

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Analytical Results For:

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

Received: 01/26/2023
 Reported: 01/30/2023
 Project Name: SALADO DRAW 9
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 01/25/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-004-06.0-NA-P (H230383-04)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	13.5	
Toluene*	<0.050	0.050	01/28/2023	ND	2.13	107	2.00	11.8	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.15	107	2.00	12.9	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.48	108	6.00	13.1	
Total BTEx	<0.300	0.300	01/28/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	211	106	200	0.313	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	232	116	200	0.287	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 72.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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Analytical Results For:

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

Received:	01/26/2023	Sampling Date:	01/25/2023
Reported:	01/30/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CF-005-06.0-NA-P (H230383-05)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	13.5		
Toluene*	<0.050	0.050	01/28/2023	ND	2.13	107	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.15	107	2.00	12.9		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.48	108	6.00	13.1		
Total BTEx	<0.300	0.300	01/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	211	106	200	0.313	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	232	116	200	0.287	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 64.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.7 % 49.1-148

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Analytical Results For:

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

Received:	01/26/2023	Sampling Date:	01/25/2023
Reported:	01/30/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CF-006-06.0-NA-P (H230383-06)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	13.5	
Toluene*	<0.050	0.050	01/28/2023	ND	2.13	107	2.00	11.8	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.15	107	2.00	12.9	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.48	108	6.00	13.1	
Total BTEx	<0.300	0.300	01/28/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	211	106	200	0.313	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	232	116	200	0.287	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 72.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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Analytical Results For:

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

Received: 01/26/2023
 Reported: 01/30/2023
 Project Name: SALADO DRAW 9
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 01/25/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-007-06.0-NA-P (H230383-07)

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	01/28/2023	ND	2.06	103	2.00	13.5	
Toluene*	<0.050	0.050	01/28/2023	ND	2.13	107	2.00	11.8	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.15	107	2.00	12.9	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.48	108	6.00	13.1	
Total BTEX	<0.300	0.300	01/28/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	196	97.8	200	3.11	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	194	97.2	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

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

Received:	01/26/2023	Sampling Date:	01/25/2023
Reported:	01/30/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CF-008-06.0-NA-P (H230383-08)

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	01/28/2023	ND	2.06	103	2.00	13.5		
Toluene*	<0.050	0.050	01/28/2023	ND	2.13	107	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.15	107	2.00	12.9		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.48	108	6.00	13.1		
Total BTEx	<0.300	0.300	01/28/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	196	97.8	200	3.11	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	194	97.2	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received: 01/26/2023
 Reported: 01/30/2023
 Project Name: SALADO DRAW 9
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 01/25/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-009-06.0-NA-P (H230383-09)

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	01/28/2023	ND	2.06	103	2.00	13.5		
Toluene*	<0.050	0.050	01/28/2023	ND	2.13	107	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.15	107	2.00	12.9		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.48	108	6.00	13.1		
Total BTEx	<0.300	0.300	01/28/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	196	97.8	200	3.11	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	194	97.2	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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

Analytical Results For:

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

Received: 01/26/2023
 Reported: 01/30/2023
 Project Name: SALADO DRAW 9
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 01/25/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-010-06.0-NA-P (H230383-10)

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	01/28/2023	ND	2.06	103	2.00	13.5	
Toluene*	<0.050	0.050	01/28/2023	ND	2.13	107	2.00	11.8	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.15	107	2.00	12.9	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.48	108	6.00	13.1	
Total BTEx	<0.300	0.300	01/28/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	196	97.8	200	3.11	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	194	97.2	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/26/2023	Sampling Date:	01/25/2023
Reported:	01/30/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CF-011-06.0-NA-P (H230383-11)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	13.5		
Toluene*	<0.050	0.050	01/28/2023	ND	2.13	107	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.15	107	2.00	12.9		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.48	108	6.00	13.1		
Total BTEx	<0.300	0.300	01/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	196	97.8	200	3.11	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	194	97.2	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/26/2023
 Reported: 01/30/2023
 Project Name: SALADO DRAW 9
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 01/25/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-012-06.0-NA-P (H230383-12)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	13.5	
Toluene*	<0.050	0.050	01/28/2023	ND	2.13	107	2.00	11.8	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.15	107	2.00	12.9	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.48	108	6.00	13.1	
Total BTEx	<0.300	0.300	01/28/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	196	97.8	200	3.11	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	194	97.2	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/26/2023
 Reported: 01/30/2023
 Project Name: SALADO DRAW 9
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 01/25/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-023-06.0-NA-P (H230383-13)

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	01/28/2023	ND	2.06	103	2.00	13.5		
Toluene*	<0.050	0.050	01/28/2023	ND	2.13	107	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.15	107	2.00	12.9		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.48	108	6.00	13.1		
Total BTEx	<0.300	0.300	01/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	196	97.8	200	3.11	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	194	97.2	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/26/2023
 Reported: 01/30/2023
 Project Name: SALADO DRAW 9
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 01/25/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-024-06.0-NA-P (H230383-14)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	13.5		
Toluene*	<0.050	0.050	01/28/2023	ND	2.13	107	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.15	107	2.00	12.9		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.48	108	6.00	13.1		
Total BTEx	<0.300	0.300	01/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/27/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	196	97.8	200	3.11	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	194	97.2	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/26/2023
 Reported: 01/30/2023
 Project Name: SALADO DRAW 9
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - LEA CO., NM

Sampling Date: 01/25/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-025-06.0-NA-P (H230383-15)

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	01/27/2023	ND	1.87	93.6	2.00	2.70		
Toluene*	<0.050	0.050	01/27/2023	ND	2.09	104	2.00	3.07		
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.06	103	2.00	3.05		
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.39	106	6.00	3.53		
Total BTEx	<0.300	0.300	01/27/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/27/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	196	97.8	200	3.11	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	194	97.2	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services Project Manager: Dan Dunkelberg Address: 8426 N Dal Paso City: Hobbs State: NM Zip: 88241 Phone #: Fax #: Project #: Project Owner: (see below) Project Name: SALADO DRAW 9 dan@trinityoilfieldservices.com Project Location: Lea Co., NM Sampler Name: KA			BILL TO P.O. #: Company: Mewbourne Oil Co. Attn: Connor Walker Address: City: State: Zip: Phone #: Fax #:			ANALYSIS REQUEST																		
FOR LAB USE ONLY Lab I.D. H230383 Sample I.D.			MATRIX (GRAB OR (COMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :			PRESERV.			SAMPLING DATE TIME			Chloride TPH BTEX												
1			C 1			X			1/25/2023			X X X												
2			C 1			X			1/25/2023			X X X												
3			C 1			X			1/25/2023			X X X												
4			C 1			X			1/25/2023			X X X												
5			C 1			X			1/25/2023			X X X												
6			C 1			X			1/25/2023			X X X												
7			C 1			X			1/25/2023			X X X												
8			C 1			X			1/25/2023			X X X												
9			C 1			X			1/25/2023			X X X												
10			C 1			X			1/25/2023			X X X												
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>																								
Relinquished By: 			Date: 1-26-23 Time: 1:30			Received By: 			Verbal Result: Yes No Add'l Phone #:			All Results are emailed. Please provide Email address:												
Relinquished By:			Date: Time:			Received By:			REMARKS:															
Delivered By: (Circle One) Sampler - UPS - Bus - Other:			Observed Temp. °C 7.2 Corrected Temp. °C 6.6			Sample Condition Cool Intact Yes Yes No No			CHECKED BY: (Initials) 			Turnaround Time: Standard Rush X			Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C									

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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

February 06, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SALADO DRAW 9

Enclosed are the results of analyses for samples received by the laboratory on 02/02/23 14:18.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/02/2023	Sampling Date:	02/01/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CF-019-06.0-NA-P (H230475-01)

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	02/03/2023	ND	2.07	103	2.00	3.28	
Toluene*	<0.050	0.050	02/03/2023	ND	2.11	105	2.00	3.47	
Ethylbenzene*	<0.050	0.050	02/03/2023	ND	2.05	103	2.00	4.09	
Total Xylenes*	<0.150	0.150	02/03/2023	ND	6.33	106	6.00	4.40	
Total BTEX	<0.300	0.300	02/03/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/03/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2023	ND	244	122	200	4.41	
DRO >C10-C28*	<10.0	10.0	02/03/2023	ND	213	106	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	02/03/2023	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/02/2023	Sampling Date:	02/01/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CF-020-06.0-NA-P (H230475-02)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/03/2023	ND	2.07	103	2.00	3.28		
Toluene*	<0.050	0.050	02/03/2023	ND	2.11	105	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/03/2023	ND	2.05	103	2.00	4.09		
Total Xylenes*	<0.150	0.150	02/03/2023	ND	6.33	106	6.00	4.40		
Total BTEx	<0.300	0.300	02/03/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/03/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2023	ND	244	122	200	4.41	
DRO >C10-C28*	<10.0	10.0	02/03/2023	ND	213	106	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	02/03/2023	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received:	02/02/2023	Sampling Date:	02/01/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CF-022-06.0-NA-P (H230475-03)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/03/2023	ND	2.07	103	2.00	3.28		
Toluene*	<0.050	0.050	02/03/2023	ND	2.11	105	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/03/2023	ND	2.05	103	2.00	4.09		
Total Xylenes*	<0.150	0.150	02/03/2023	ND	6.33	106	6.00	4.40		
Total BTEx	<0.300	0.300	02/03/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/03/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2023	ND	244	122	200	4.41	
DRO >C10-C28*	<10.0	10.0	02/03/2023	ND	213	106	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	02/03/2023	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Analytical Results For:

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

Received:	02/02/2023	Sampling Date:	02/01/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CW-001-01.0-NA-P (H230475-04)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/03/2023	ND	2.07	103	2.00	3.28		
Toluene*	<0.050	0.050	02/03/2023	ND	2.11	105	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/03/2023	ND	2.05	103	2.00	4.09		
Total Xylenes*	<0.150	0.150	02/03/2023	ND	6.33	106	6.00	4.40		
Total BTEx	<0.300	0.300	02/03/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/03/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2023	ND	244	122	200	4.41	
DRO >C10-C28*	<10.0	10.0	02/03/2023	ND	213	106	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	02/03/2023	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/02/2023	Sampling Date:	02/01/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CW-002-01.0-NA-P (H230475-05)

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	02/03/2023	ND	2.07	103	2.00	3.28		
Toluene*	<0.050	0.050	02/03/2023	ND	2.11	105	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/03/2023	ND	2.05	103	2.00	4.09		
Total Xylenes*	<0.150	0.150	02/03/2023	ND	6.33	106	6.00	4.40		
Total BTX	<0.300	0.300	02/03/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/03/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2023	ND	204	102	200	3.40	
DRO >C10-C28*	<10.0	10.0	02/03/2023	ND	196	97.9	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	02/03/2023	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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Analytical Results For:

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

Received:	02/02/2023	Sampling Date:	02/01/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CW-003-02.0-NA-P (H230475-06)

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	02/03/2023	ND	2.07	103	2.00	3.28		
Toluene*	<0.050	0.050	02/03/2023	ND	2.11	105	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/03/2023	ND	2.05	103	2.00	4.09		
Total Xylenes*	<0.150	0.150	02/03/2023	ND	6.33	106	6.00	4.40		
Total BTX	<0.300	0.300	02/03/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/03/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2023	ND	204	102	200	3.40	
DRO >C10-C28*	<10.0	10.0	02/03/2023	ND	196	97.9	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	02/03/2023	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Analytical Results For:

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

Received:	02/02/2023	Sampling Date:	02/01/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CW-004-02.0-NA-P (H230475-07)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/03/2023	ND	2.07	103	2.00	3.28	
Toluene*	<0.050	0.050	02/03/2023	ND	2.11	105	2.00	3.47	
Ethylbenzene*	<0.050	0.050	02/03/2023	ND	2.05	103	2.00	4.09	
Total Xylenes*	<0.150	0.150	02/03/2023	ND	6.33	106	6.00	4.40	
Total BTEX	<0.300	0.300	02/03/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/03/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2023	ND	204	102	200	3.40	
DRO >C10-C28*	<10.0	10.0	02/03/2023	ND	196	97.9	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	02/03/2023	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Analytical Results For:

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

Received:	02/02/2023	Sampling Date:	02/01/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CF-017-04.0-NA-P (H230475-08)

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	02/03/2023	ND	2.07	103	2.00	3.28		
Toluene*	<0.050	0.050	02/03/2023	ND	2.11	105	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/03/2023	ND	2.05	103	2.00	4.09		
Total Xylenes*	<0.150	0.150	02/03/2023	ND	6.33	106	6.00	4.40		
Total BTEX	<0.300	0.300	02/03/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/03/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2023	ND	204	102	200	3.40	
DRO >C10-C28*	<10.0	10.0	02/03/2023	ND	196	97.9	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	02/03/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Analytical Results For:

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

Received:	02/02/2023	Sampling Date:	02/01/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CF-018-06.0-NA-P (H230475-09)

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	02/03/2023	ND	2.07	103	2.00	3.28		
Toluene*	<0.050	0.050	02/03/2023	ND	2.11	105	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/03/2023	ND	2.05	103	2.00	4.09		
Total Xylenes*	<0.150	0.150	02/03/2023	ND	6.33	106	6.00	4.40		
Total BTEx	<0.300	0.300	02/03/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/03/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2023	ND	204	102	200	3.40	
DRO >C10-C28*	<10.0	10.0	02/03/2023	ND	196	97.9	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	02/03/2023	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

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 State: NM Zip: 88241 Phone #: Fax #: Project #: Project Owner: (see below) dan@trinityoilfieldservices.com Project Name: SALADO DRAW 9 Project Location: Lea Co., NM Sampler Name: KA				BILL TO P.O. #: Company: Mewhurne Oil Co. Attn: Connor Walker Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST													
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING															
		LABOR OR (C)OMP. # CONTAINERS		GROUNDWATER WASTEWATER SOIL OIL SLUDGE		ACID/BASE: ICE / COOL OTHER:		DATE		TIME		Chloride		TPH		BTEX							
Lab I.D.		Sample I.D.																					
H230475																							
1 CF-019-06.0-NA-P		C 1		X				2/1/2023				X		X		X							
2 CF-020-06.0-NA-P		C 1		X				2/1/2023				X		X		X							
3 CF-022-06.0-NA-P		C 1		X				2/1/2023				X		X		X							
4 CW-001-01.0-NA-P		C 1		X				2/1/2023				X		X		X							
5 CW-002-01.0-NA-P		C 1		X				2/1/2023				X		X		X							
6 CW-003-02.0-NA-P		C 1		X				2/1/2023				X		X		X							
7 CW-004-02.0-NA-P		C 1		X				2/1/2023				X		X		X							
8 CF-017-04.0-NA-P		C 1		X				2/1/2023				X		X		X							
9 CF-018-06.0-NA-P		C 1		X				2/1/2023				X		X		X							

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Relinquished By: 				Date: 2-2-23 Time: 1418		Received By: 				Verbal Result: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Add'l Phone #:											
Relinquished By:				Date: Time:		Received By:				REMARKS:													
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				Observed Temp. °C -2.4 Corrected Temp. °C -3.0		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: (Initials) 		Turnaround Time:		Standard Rush <input checked="" type="checkbox"/>		Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>									
Thermometer ID #113 Correction Factor -0.6 °C Observed Temp. °C Corrected Temp. °C																							

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



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

February 13, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SALADO DRAW 9

Enclosed are the results of analyses for samples received by the laboratory on 02/08/23 16:32.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/08/2023	Sampling Date:	02/08/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CF-013-05.0-NA-P (H230579-01)

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	02/12/2023	ND	2.05	103	2.00	5.59		
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	102	2.00	5.38		
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.97	98.7	2.00	5.32		
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.01	100	6.00	5.18		
Total BTEX	<0.300	0.300	02/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/11/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2023	ND	196	97.9	200	0.842	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	199	99.5	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 49.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 51.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/08/2023	Sampling Date:	02/08/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CF-014-05.0-NA-P (H230579-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2023	ND	2.05	103	2.00	5.59	
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	102	2.00	5.38	
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.97	98.7	2.00	5.32	
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.01	100	6.00	5.18	
Total BTEX	<0.300	0.300	02/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/11/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2023	ND	196	97.9	200	0.842	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	199	99.5	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 66.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/08/2023	Sampling Date:	02/08/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CF-015-06.0-NA-P (H230579-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2023	ND	2.05	103	2.00	5.59		
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	102	2.00	5.38		
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.97	98.7	2.00	5.32		
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.01	100	6.00	5.18		
Total BTEx	<0.300	0.300	02/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/11/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2023	ND	196	97.9	200	0.842	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	199	99.5	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 63.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/08/2023	Sampling Date:	02/08/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CF-016-06.0-NA-P (H230579-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2023	ND	2.05	103	2.00	5.59		
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	102	2.00	5.38		
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.97	98.7	2.00	5.32		
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.01	100	6.00	5.18		
Total BTEx	<0.300	0.300	02/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/11/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2023	ND	196	97.9	200	0.842	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	199	99.5	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/08/2023	Sampling Date:	02/08/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CF-021-05.0-NA-P (H230579-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2023	ND	2.05	103	2.00	5.59		
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	102	2.00	5.38		
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.97	98.7	2.00	5.32		
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.01	100	6.00	5.18		
Total BTEx	<0.300	0.300	02/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/11/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2023	ND	196	97.9	200	0.842	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	199	99.5	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/08/2023	Sampling Date:	02/08/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CW-005-02.0-NA-P (H230579-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2023	ND	2.05	103	2.00	5.59		
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	102	2.00	5.38		
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.97	98.7	2.00	5.32		
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.01	100	6.00	5.18		
Total BTEx	<0.300	0.300	02/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/11/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2023	ND	196	97.9	200	0.842	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	199	99.5	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 70.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/08/2023	Sampling Date:	02/08/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CW-006-01.0-NA-P (H230579-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2023	ND	2.05	103	2.00	5.59		
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	102	2.00	5.38		
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.97	98.7	2.00	5.32		
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.01	100	6.00	5.18		
Total BTEX	<0.300	0.300	02/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/11/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2023	ND	196	97.9	200	0.842	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	199	99.5	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 63.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/08/2023	Sampling Date:	02/08/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CW-007-01.0-NA-P (H230579-08)

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	02/12/2023	ND	2.05	103	2.00	5.59		
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	102	2.00	5.38		
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.97	98.7	2.00	5.32		
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.01	100	6.00	5.18		
Total BTEX	<0.300	0.300	02/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/11/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2023	ND	196	97.9	200	0.842	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	199	99.5	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 68.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/08/2023	Sampling Date:	02/08/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO., NM		

Sample ID: CW-008-02.0-NA-P (H230579-09)

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	02/12/2023	ND	2.05	103	2.00	5.59		
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	102	2.00	5.38		
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.97	98.7	2.00	5.32		
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.01	100	6.00	5.18		
Total BTEx	<0.300	0.300	02/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/11/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2023	ND	196	97.9	200	0.842	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	199	99.5	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 71.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services Project Manager: Dan Dunkelberg Address: 8426 N Dal Paso City: Hobbs State: NM Zip: 88241 Phone #: Fax #: Project #: Project Owner: (see below) Project Name: SALADO DRAW 9 dan@trinityoilfieldservices.com Project Location: Lea Co., NM Sampler Name: MW				BILL TO P.O. #: Company: Mewbourne Oil Co. Attn: Connor Walker Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST																									
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																									
		GRAB OR (COMP. # CONTAINERS)		GROUNDWATER		WASTEWATER		SOIL		SLUDGE		OTHER: ACID/BASE: ICE / COOL OTHER:		DATE		TIME		Chloride		TPH		BTEX											
Lab I.D.		Sample I.D.																															
H230574		CF-013-05.0-NA-P		C 1		X								2/8/2023				X		X		X											
1		CF-014-05.0-NA-P		C 1		X								2/8/2023				X		X		X											
2		CF-015-06.0-NA-P		C 1		X								2/8/2023				X		X		X											
3		CF-016-06.0-NA-P		C 1		X								2/8/2023				X		X		X											
4		CF-021-05.0-NA-P		C 1		X								2/8/2023				X		X		X											
5		CW-005-02.0-NA-P		C 1		X								2/8/2023				X		X		X											
6		CW-006-01.0-NA-P		C 1		X								2/8/2023				X		X		X											
7		CW-007-01.0-NA-P		C 1		X								2/8/2023				X		X		X											
8		CW-008-02.0-NA-P		C 1		X								2/8/2023				X		X		X											
9																																	
<p>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</p>																																	
Relinquished By: 				Date: 2-8-23 Time: 1632		Received By: 				Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:				All Results are emailed. Please provide Email address:																			
Relinquished By:				Date: Time:		Received By:				REMARKS:																							
Delivered By: (Circle One)				Observed Temp. °C 0.4 Corrected Temp. °C -0.2		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		CHECKED BY: (Initials) 		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>				Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Observed Temp. °C Corrected Temp. °C																			
Sampler - UPS - Bus - Other:				Thermometer ID #113 Correction Factor -0.6 °C																													

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

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Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 211369

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 211369
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	7/20/2023