

Incident ID	NAPP2217964415
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 WalkerTitle: Sr. EngineerSignature: Date: 07/14/2023email: cwalker@mewbourne.comTelephone: 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: _____ Date: _____

Printed Name: _____

Title: _____

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	NAPP2217964415
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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)	nAPP2217964415
Contact mailing address	4801 Business Park Blvd, Hobbs, NM 88240		

Location of Release Source

Latitude 32.078863 _____ Longitude -103.728081 _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name SLWMS - Coltrane Frac Booster	Site Type Pipeline
Date Release Discovered 6/14/2022	API# (if applicable)

Unit Letter	Section	Township	Range	County
A	1	26S	31E	Eddy

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

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) 779	Volume Recovered (bbls) 360
	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 discharge hose on a temporary frac booster failed and released produced water.

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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 is 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 6/15/2022 @ 7:57AM 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>6/22/2022</u>
email: <u>cwalker@mewbourne.com</u>	Telephone: <u>806-202-5281</u>
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: _____

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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>340</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: 07/14/2023
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: 07/14/2023
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: _____

Trinity Oilfield Services & Rentals, LLC



July 14th, 2023

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

Re: **Closure Request**
SLWMS - Coltrane Frac Booster
Tracking #: NAPP2217964415

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	NAPP2217964415
Site Name	SLWMS - Coltrane Frac Booster
Company	Mewbourne Oil Co.
County	Eddy
ULSTR	A-01-26S-31E
GPS Coordinates (NAD 83)	32.078863, -103.728081
Landowner	Private

RELEASE BACKGROUND

On 6/28/2022, Mewbourne Oil Co. reported a release at the SLWMS - Coltrane Frac Booster. The release was caused when a discharge hose on a temporary frac booster failed and released produced water. Approximately 86,890 sqft. of the Pad and Pasture was found to be damp upon initial inspection.

Release Information	
Date of Release	6/14/2022
Type of Release	Produced Water
Source of Release	Equipment Failure
Volume Released – Produced Water	779 bbls
Volume Recovered – Produced Water	360 bbls
Volume Released – Crude Oil	0 bbls
Volume Recovered – Crude Oil	0 bbls
Affected Area – Damp Soil	Pad and Pasture - Approximately 86,890 sqft.
Site Location Map	Attached

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

Data Source	Well Number	Data Date	Depth (ft.)
NM OSE	C-04256-POD1	07/18/2018	340'
NM OSE	C-03639-POD1	10/25/2013	365'
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 Two (2) 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	704.2 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	20,000 mg/kg
TPH (GRO and DRO and MRO)	2,500 mg/kg
TPH (GRO and DRO)	1,000 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

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

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

Delineation Summary	
Delineation Dates	06/30/2023
Depths Sampled	1' - 2'
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	05/01/2023 - 06/30/2023
Workplan Approval	At Risk
Liner Variance Request	None
Deferral Request	None
Depths Excavated	0' - 1'
Area Represented by the required 5-point Confirmation Samples – Floors and Walls	200 sqft.
Total Volume of Excavated Soil	1,265 yards
Remediation Map	Attached
Laboratory Results	Table 2

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

Upon receiving laboratory analytical data showing that confirmation soil samples from the excavated areas yield results below the selected NMOCD Table 1 Closure Criteria; the impacted soil was transported under manifest to an NMOCD-approved disposal facility 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
Project Manager



Cynthia Jordan
Project Scientist

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

MEWBOURNE OIL CO.
SLWMS - COLTRANE FRAC BOOSTER
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2217964415



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	VERTICAL/ HORIZONTAL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
Vertical Delineation														
DV-001.0-02.0-P	2	6/30/2023	Vertical	Off-Site	Grab	In-Situ	144	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DV-002.0-02.0-P	2	6/30/2023	Vertical	Off-Site	Grab	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DV-003.0-02.0-P	2	6/30/2023	Vertical	Off-Site	Grab	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DV-004.0-02.0-S	2	6/30/2023	Vertical	On-Site	Grab	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DV-005.0-02.0-S	2	6/30/2023	Vertical	On-Site	Grab	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DV-006.0-02.0-S	2	6/30/2023	Vertical	On-Site	Grab	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DV-007.0-02.0-S	2	6/30/2023	Vertical	On-Site	Grab	In-Situ	192	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DV-008.0-02.0-S	2	6/30/2023	Vertical	On-Site	Grab	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DV-009.0-02.0-S	2	6/30/2023	Vertical	On-Site	Grab	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DV-010.0-02.0-S	2	6/30/2023	Vertical	On-Site	Grab	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Horizontal Delineation														
DH-001.0-01.0-S	1	6/30/2023	Horizontal	On-Site	Grab	In-Situ	240	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-002.0-01.0-S	1	6/30/2023	Horizontal	On-Site	Grab	In-Situ	208	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-003.0-01.0-S	1	6/30/2023	Horizontal	On-Site	Grab	In-Situ	176	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-004.0-01.0-S	1	6/30/2023	Horizontal	On-Site	Grab	In-Situ	176	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-005.0-01.0-S	1	6/30/2023	Horizontal	On-Site	Grab	In-Situ	224	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-006.0-01.0-S	1	6/30/2023	Horizontal	On-Site	Grab	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-007.0-01.0-S	1	6/30/2023	Horizontal	On-Site	Grab	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-008.0-01.0-P	1	6/30/2023	Horizontal	Off-Site	Grab	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-009.0-01.0-P	1	6/30/2023	Horizontal	Off-Site	Grab	In-Situ	16	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-010.0-01.0-P	1	6/30/2023	Horizontal	Off-Site	Grab	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-011.0-01.0-P	1	6/30/2023	Horizontal	Off-Site	Grab	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-012.0-01.0-P	1	6/30/2023	Horizontal	Off-Site	Grab	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-013.0-01.0-P	1	6/30/2023	Horizontal	Off-Site	Grab	In-Situ	176	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

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

MEWBOURNE OIL CO.
SLWMS - COLTRANE FRAC BOOSTER
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2217964415



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
Remediation Floors														
CF-001.0-00.0-S	0	5/1/2023	Floor	On-Site	Composite	In-Situ	6560	228	172	<10.0	172	56	<.300	<0.50
CF-002.0-00.0-S	0	5/1/2023	Floor	On-Site	Composite	In-Situ	7680	756	589	<10.0	589	167	<.300	<0.50
CF-003.0-00.0-S	0	5/1/2023	Floor	On-Site	Composite	In-Situ	9460	761	682	<10.0	682	79	<.300	<0.50
CF-004.0-00.3-S	0.3	5/1/2023	Floor	On-Site	Composite	In-Situ	3680	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-005.0-00.0-S	0	5/1/2023	Floor	On-Site	Composite	In-Situ	19000	103.2	82.7	<10.0	82.7	20.5	<.300	<0.50
CF-006.0-00.3-S	0.3	5/1/2023	Floor	On-Site	Composite	In-Situ	2880	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-007.0-00.0-S	0	5/1/2023	Floor	On-Site	Composite	In-Situ	13500	532	419	<10.0	419	113	<.300	<0.50
CF-008.0-00.3-S	0.3	5/1/2023	Floor	On-Site	Composite	Excavated	3040	2412	1850	<10.0	1850	562	<.300	<0.50
CF-008.0-00.5-S	0.5	5/25/2023	Floor	On-Site	Composite	In-Situ	320	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-009.0-00.0-S	0	5/1/2023	Floor	On-Site	Composite	In-Situ	4320	42.8	23.8	<10.0	23.8	19	<.300	<0.50
CF-010.0-00.0-S	0	5/1/2023	Floor	On-Site	Composite	Excavated	21600	13.8	13.8	<10.0	13.8	<10.0	<.300	<0.50
CF-010.0-00.5-S	0.5	5/25/2023	Floor	On-Site	Composite	In-Situ	944	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-011.0-00.3-S	0.3	5/1/2023	Floor	On-Site	Composite	In-Situ	1560	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-012.0-00.0-S	0	5/1/2023	Floor	On-Site	Composite	In-Situ	12400	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-013.0-00.0-S	0	5/1/2023	Floor	On-Site	Composite	In-Situ	14000	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-014.0-00.3-S	0.3	5/1/2023	Floor	On-Site	Composite	In-Situ	1020	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-015.0-00.0-S	0	5/1/2023	Floor	On-Site	Composite	In-Situ	15400	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-016.0-00.0-S	0	5/1/2023	Floor	On-Site	Composite	In-Situ	6800	126.2	87.3	<10.0	87.3	38.9	<.300	<0.50
CF-017.0-00.3-S	0.3	5/1/2023	Floor	On-Site	Composite	In-Situ	944	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-018.0-00.0-S	0	5/1/2023	Floor	On-Site	Composite	In-Situ	13800	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-019.0-00.0-S	0	5/1/2023	Floor	On-Site	Composite	In-Situ	9600	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-020.0-00.0-S	0	5/1/2023	Floor	On-Site	Composite	Excavated	21400	15.5	15.5	<10.0	15.5	<10.0	<.300	<0.50
CF-020.0-00.5-S	0.5	5/25/2023	Floor	On-Site	Composite	In-Situ	2360	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-021.0-00.0-S	0	5/1/2023	Floor	On-Site	Composite	In-Situ	3920	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-022.0-00.0-S	0	5/1/2023	Floor	On-Site	Composite	In-Situ	7040	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-023.0-00.3-S	0.3	5/1/2023	Floor	On-Site	Composite	In-Situ	752	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-024.0-00.3-S	0.3	5/1/2023	Floor	On-Site	Composite	In-Situ	2560	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-025.0-00.0-S	0	5/2/2023	Floor	On-Site	Composite	Excavated	23200	30.8	16.2	<10.0	16.2	14.6	<.300	<0.50
CF-025.0-00.5-S	0.5	5/25/2023	Floor	On-Site	Composite	In-Situ	2480	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-026.0-00.0-S	0	5/2/2023	Floor	On-Site	Composite	In-Situ	16400	46.6	29	10.9	18.1	17.6	<.300	<0.50
CF-027.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	Excavated	1120	3702.4	3691.7	11.7	3680	10.7	<.300	<0.50
CF-027.0-00.5-S	0.5	5/25/2023	Floor	On-Site	Composite	In-Situ	5080	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-028.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	1090	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-029.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	2040	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-030.0-00.0-S	0	5/2/2023	Floor	On-Site	Composite	In-Situ	19600	99.9	61.7	<10.0	61.7	38.2	<.300	<0.50
CF-031.0-00.0-S	0	5/2/2023	Floor	On-Site	Composite	In-Situ	14000	34.5	23.1	<10.0	23.1	11.4	<.300	<0.50
CF-032.0-00.0-S	0	5/2/2023	Floor	On-Site	Composite	In-Situ	10600	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

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

MEWBOURNE OIL CO.
SLWMS - COLTRANE FRAC BOOSTER
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2217964415



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
CF-033.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	2560	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-034.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	3080	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-035.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	1880	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-036.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	912	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-037.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	1140	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-038.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	3280	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-039.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	1800	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-040.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	2240	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-041.0-00.0-S	0	5/2/2023	Floor	On-Site	Composite	Excavated	25200	42.2	29.7	<10.0	29.7	12.5	<300	<0.50
CF-041.0-00.5-S	0.5	5/25/2023	Floor	On-Site	Composite	In-Situ	1040	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-042.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	3760	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-043.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	2120	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-044.0-00.0-S	0	5/2/2023	Floor	On-Site	Composite	In-Situ	640	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-045.0-00.0-S	0	5/2/2023	Floor	On-Site	Composite	In-Situ	15000	283.8	189	<10.0	189	94.8	<300	<0.50
CF-046.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	1550	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-047.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	2280	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-048.0-00.0-S	0	5/2/2023	Floor	On-Site	Composite	Excavated	13600	12900	12900	<10.0	12900	<10.0	<300	<0.50
CF-048.0-00.5-S	0.5	5/25/2023	Floor	On-Site	Composite	In-Situ	688	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-049.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	256	14	14	<10.0	14	<10.0	<300	<0.50
CF-050.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	4080	97.8	97.8	<10.0	97.8	<10.0	<300	<0.50
CF-051.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	2480	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-052.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	1800	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-053.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	2240	30.7	30.7	<10.0	30.7	<10.0	<300	<0.50
CF-054.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	2040	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-055.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	1960	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-056.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	2880	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-057.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	Excavated	2320	2942.8	2880	<10.0	2880	62.8	<300	<0.50
CF-057.0-00.5-S	0.5	5/25/2023	Floor	On-Site	Composite	In-Situ	384	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-058.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	5200	249.1	215	<10.0	215	34.1	<300	<0.50
CF-059.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	Excavated	11000	1732.5	1650	<10.0	1650	82.5	<300	<0.50
CF-059.0-00.5-S	0.5	5/25/2023	Floor	On-Site	Composite	In-Situ	5360	25.2	25.2	<10.0	25.2	<10.0	<300	<0.50
CF-060.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	1310	69.2	69.2	<10.0	69.2	<10.0	<300	<0.50
CF-061.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	8400	128	128	<10.0	128	<10.0	<300	<0.50
CF-062.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	4360	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-063.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	7040	160	160	<10.0	160	<10.0	<300	<0.50
CF-064.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	9400	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-065.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	2280	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-066.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	2440	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50

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MEWBOURNE OIL CO.
SLWMS - COLTRANE FRAC BOOSTER
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2217964415



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
CF-067.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	480	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-068.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	848	15.3	15.3	<10.0	15.3	<10.0	<300	<0.50
CF-069.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	2320	101.9	91.4	<10.0	91.4	10.5	<300	<0.50
CF-070.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	768	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-071.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	2720	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-072.0-00.3-S	0.3	5/2/2023	Floor	On-Site	Composite	In-Situ	1100	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-073.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	In-Situ	2240	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-074.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	In-Situ	272	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-075.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	Excavated	1500	1726	1440	<10.0	1440	286	<300	<0.50
CF-075.0-00.5-S	0.5	5/25/2023	Floor	On-Site	Composite	In-Situ	4320	304.4	292	<10.0	292	12.4	<300	<0.50
CF-076.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	In-Situ	2000	486.1	464	<10.0	464	22.1	<300	<0.50
CF-077.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	In-Situ	336	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-078.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	In-Situ	3080	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-079.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	In-Situ	1230	371	371	<10.0	371	<10.0	<300	<0.50
CF-080.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	Excavated	3480	2624	2310	<10.0	2310	314	<300	<0.50
CF-080.0-00.5-S	0.5	5/25/2023	Floor	On-Site	Composite	In-Situ	3320	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-081.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	In-Situ	6720	205	113	<10.0	113	92	<300	<0.50
CF-082.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	In-Situ	800	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-083.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	In-Situ	240	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-084.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	In-Situ	2400	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-085.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	In-Situ	2480	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-086.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	In-Situ	1740	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-087.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	In-Situ	2480	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-088.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	In-Situ	1420	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-089.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	In-Situ	3600	225	225	<10.0	225	<10.0	<300	<0.50
CF-090.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	In-Situ	3600	70.4	70.4	<10.0	70.4	<10.0	<300	<0.50
CF-091.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	In-Situ	1340	52.8	32.9	<10.0	32.9	19.9	<300	<0.50
CF-092.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	Excavated	976	1803	1420	<10.0	1420	383	<300	<0.50
CF-092.0-00.5-S	0.5	5/25/2023	Floor	On-Site	Composite	In-Situ	2120	730	481	<10.0	481	249	<300	<0.50
CF-093.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	In-Situ	416	212.7	164	<10.0	164	48.7	<300	<0.50
CF-094.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	In-Situ	1500	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-095.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	In-Situ	3880	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-096.0-00.3-S	0.3	5/3/2023	Floor	On-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-097.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	848	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-098.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	320	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-099.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	Excavated	3360	2402.8	2390	<10.0	2390	12.8	<300	<0.50
CF-099.0-00.5-S	0.5	5/30/2023	Floor	On-Site	Composite	In-Situ	272	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-100.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	2320	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50

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

MEWBOURNE OIL CO.
SLWMS - COLTRANE FRAC BOOSTER
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2217964415



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
CF-101.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	2440	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-102.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	2560	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-103.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	1380	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-104.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	432	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-105.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	1550	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-106.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	1180	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-107.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	1070	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-108.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	304	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-109.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	688	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-110.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	400	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-111.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	928	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-112.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	3400	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-113.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	2200	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-114.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	1420	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-115.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	2680	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-116.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	1840	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-117.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	560	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-118.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	272	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-119.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-120.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-121.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	240	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-122.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	800	34.3	11.2	<10.0	11.2	23.1	<300	<0.50
CF-123.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	352	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-124.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	336	11	<10.0	<10.0	<10.0	11	<300	<0.50
CF-125.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	480	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-126.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-127.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	224	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-128.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	816	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-129.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	496	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-130.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	512	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-131.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	480	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-132.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	864	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-133.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	2080	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-134.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	1640	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-135.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	1360	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-136.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-137.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	1920	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-138.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	1800	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50

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

MEWBOURNE OIL CO.
SLWMS - COLTRANE FRAC BOOSTER
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2217964415



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
CF-139.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-140.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	288	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-141.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	1060	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-142.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	1360	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-143.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	2360	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-144.0-00.3-S	0.3	5/4/2023	Floor	On-Site	Composite	In-Situ	10300	336	297	<10.0	297	39	<300	<0.50
CF-145.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	In-Situ	7600	176.5	144	<10.0	144	32.5	<300	<0.50
CF-146.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	In-Situ	2640	16.4	16.4	<10.0	16.4	<10.0	<300	<0.50
CF-147.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	Excavated	9330	2748	2630	<10.0	2630	118	<300	<0.50
CF-147.0-00.5-S	0.5	5/30/2023	Floor	On-Site	Composite	In-Situ	480	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-148.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	In-Situ	9330	30.9	30.9	<10.0	30.9	<10.0	<300	<0.50
CF-149.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	In-Situ	10900	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-150.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	In-Situ	3760	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-151.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	Excavated	3680	3263.6	3180	<10.0	3180	83.6	<300	<0.50
CF-151.0-00.5-S	0.5	5/30/2023	Floor	On-Site	Composite	In-Situ	1390	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-152.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	Excavated	848	5680	3350	<10.0	3350	2330	<300	<0.50
CF-152.0-00.5-S	0.5	5/30/2023	Floor	On-Site	Composite	In-Situ	1700	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-153.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	In-Situ	736	987	136	<10.0	136	851	<300	<0.50
CF-154.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	In-Situ	2320	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-155.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	In-Situ	1020	156.4	40.4	<10.0	40.4	116	<300	<0.50
CF-156.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	In-Situ	1250	171.2	82.2	<10.0	82.2	89	<300	<0.50
CF-157.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	In-Situ	1860	19.8	<10.0	<10.0	<10.0	19.8	<300	<0.50
CF-158.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	In-Situ	1620	539	266	<10.0	266	273	<300	<0.50
CF-159.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	In-Situ	1120	13.3	13.3	<10.0	13.3	<10.0	<300	<0.50
CF-160.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	Excavated	2520	4611.5	4570	<10.0	4570	41.5	<300	<0.50
CF-160.0-00.5-S	0.5	5/30/2023	Floor	On-Site	Composite	In-Situ	704	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-161.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	In-Situ	1180	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-162.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-163.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-164.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	In-Situ	64	24.1	24.1	<10.0	24.1	<10.0	<300	<0.50
CF-165.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	Excavated	176	1308	1000	<10.0	1000	308	<300	<0.50
CF-165.0-00.5-S	0.5	5/30/2023	Floor	On-Site	Composite	In-Situ	688	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-166.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	In-Situ	2320	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-167.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	In-Situ	2160	30	18.7	<10.0	18.7	11.3	<300	<0.50
CF-168.0-00.3-S	0.3	5/5/2023	Floor	On-Site	Composite	In-Situ	128	19.3	19.3	<10.0	19.3	<10.0	<300	<0.50
CF-169.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	720	196.2	79.2	<10.0	79.2	117	<300	<0.50
CF-170.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	1200	2046	816	<10.0	816	1230	<300	<0.50
CF-171.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	1170	11.7	<10.0	<10.0	<10.0	11.7	<300	<0.50

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

MEWBOURNE OIL CO.
SLWMS - COLTRANE FRAC BOOSTER
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2217964415



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
CF-172.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	1150	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-173.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	1800	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-174.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	1150	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-175.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	480	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-176.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	752	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-177.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	1550	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-178.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	1490	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-179.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	1880	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-180.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	880	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-181.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	1680	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-182.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	624	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-183.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	1170	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-184.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	1020	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-185.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	1920	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-186.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	2240	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-187.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	1500	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-188.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	3480	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-189.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	2080	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-190.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	1060	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-191.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	192	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-192.0-00.3-S	0.3	5/8/2023	Floor	On-Site	Composite	In-Situ	1310	90.1	90.1	<10.0	90.1	<10.0	<300	<0.50
CF-193.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	464	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-194.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	1680	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-195.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	192	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-196.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	2360	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-197.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	2440	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-198.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	2000	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-199.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	2440	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-200.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	1800	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-201.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	592	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-202.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	2080	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-203.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	784	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-204.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	3720	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-205.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	3600	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-206.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	352	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-207.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	592	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-208.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	1220	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-209.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	Excavated	848	3240	3240	<10.0	3240	<10.0	<300	<0.50

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

MEWBOURNE OIL CO.
SLWMS - COLTRANE FRAC BOOSTER
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2217964415



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
CF-209.0-00.5-S	0.5	5/30/2023	Floor	On-Site	Composite	In-Situ	224	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-210.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	912	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-211.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	528	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-212.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	352	14.9	14.9	<10.0	14.9	<10.0	<300	<0.50
CF-213.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	2600	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-214.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	1100	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-215.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	1570	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-216.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	1120	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-217.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	1960	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-218.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	1280	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-219.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	2160	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-220.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	752	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-221.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	2480	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-222.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	384	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-223.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	1280	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-224.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	2600	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-225.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	1760	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-226.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	1810	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-227.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	1780	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-228.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	3280	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-229.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	2110	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-230.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	928	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-231.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	1180	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-232.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	368	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-233.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	208	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-234.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	272	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-235.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	1840	210	101	<10.0	101	109	<300	<0.50
CF-236.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	304	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-237.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	1650	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-238.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	816	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-239.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	1170	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-240.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	880	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-241.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	1390	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-242.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	848	37.7	26.9	<10.0	26.9	10.8	<300	<0.50
CF-243.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	144	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-244.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	672	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-245.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	672	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-246.0-00.3-S	0.3	5/10/2023	Floor	On-Site	Composite	In-Situ	1600	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50

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

MEWBOURNE OIL CO.
SLWMS - COLTRANE FRAC BOOSTER
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2217964415



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
CF-247.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	4040	145.9	63	<10.0	63	82.9	<.300	<0.50
CF-248.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	5760	297	128	<10.0	128	169	<.300	<0.50
CF-249.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	2240	152.9	65.2	<10.0	65.2	87.7	<.300	<0.50
CF-250.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	3200	85.6	37.9	<10.0	37.9	47.7	<.300	<0.50
CF-251.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	1520	139.1	57.8	<10.0	57.8	81.3	<.300	<0.50
CF-252.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	1840	102.3	41.3	<10.0	41.3	61	<.300	<0.50
CF-253.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	1140	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-254.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	3560	438	183	<10.0	183	255	<.300	<0.50
CF-255.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	1920	128.7	51.4	<10.0	51.4	77.3	<.300	<0.50
CF-256.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	1560	53.5	19.7	<10.0	19.7	33.8	<.300	<0.50
CF-257.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	1440	200.4	77.4	<10.0	77.4	123	<.300	<0.50
CF-258.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	1280	181.1	73.1	<10.0	73.1	108	<.300	<0.50
CF-259.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	1220	41.6	13.8	<10.0	13.8	27.8	<.300	<0.50
CF-260.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	1280	12.3	<10.0	<10.0	<10.0	12.3	<.300	<0.50
CF-261.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	3120	44.5	17.1	<10.0	17.1	27.4	<.300	<0.50
CF-262.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	1040	576	205	<10.0	205	371	<.300	<0.50
CF-263.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	2280	181.9	68.9	<10.0	68.9	113	<.300	<0.50
CF-264.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	1090	107.6	48	<10.0	48	59.6	<.300	<0.50
CF-265.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	4160	180.4	86.3	<10.0	86.3	94.1	<.300	<0.50
CF-266.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	4360	142.3	58.9	<10.0	58.9	83.4	<.300	<0.50
CF-267.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	2180	70.1	28.9	<10.0	28.9	41.2	<.300	<0.50
CF-268.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	2920	60.5	30.9	<10.0	30.9	29.6	<.300	<0.50
CF-269.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	1180	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-270.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	2680	48.3	29.1	<10.0	29.1	19.2	<.300	<0.50
CF-271.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	1660	40.5	16.5	<10.0	16.5	24	<.300	<0.50
CF-272.0-00.0-S	0	5/10/2023	Floor	On-Site	Composite	In-Situ	976	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-273.0-00.0-S	0	5/11/2023	Floor	On-Site	Composite	In-Situ	1300	31.5	11.2	<10.0	11.2	20.3	<.300	<0.50
CF-274.0-00.0-S	0	5/11/2023	Floor	On-Site	Composite	In-Situ	1010	10.1	<10.0	<10.0	<10.0	10.1	<.300	<0.50
CF-275.0-00.0-S	0	5/11/2023	Floor	On-Site	Composite	In-Situ	1390	46.2	17.7	<10.0	17.7	28.5	<.300	<0.50
CF-276.0-00.0-S	0	5/11/2023	Floor	On-Site	Composite	In-Situ	736	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-277.0-00.0-S	0	5/11/2023	Floor	On-Site	Composite	In-Situ	400	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-278.0-00.0-S	0	5/11/2023	Floor	On-Site	Composite	In-Situ	1790	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-279.0-00.0-S	0	5/11/2023	Floor	On-Site	Composite	In-Situ	1100	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-280.0-00.0-S	0	5/11/2023	Floor	On-Site	Composite	In-Situ	1460	49.5	19.1	<10.0	19.1	30.4	<.300	<0.50
CF-281.0-00.0-S	0	5/11/2023	Floor	On-Site	Composite	In-Situ	1090	42.1	15	<10.0	15	27.1	<.300	<0.50
CF-282.0-00.0-S	0	5/11/2023	Floor	On-Site	Composite	In-Situ	2800	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-283.0-00.0-S	0	5/11/2023	Floor	On-Site	Composite	In-Situ	784	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-284.0-00.0-S	0	5/11/2023	Floor	On-Site	Composite	In-Situ	304	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

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

MEWBOURNE OIL CO.
SLWMS - COLTRANE FRAC BOOSTER
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2217964415



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
CF-285.0-00.0-S	0	5/11/2023	Floor	On-Site	Composite	In-Situ	400	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-286.0-01.0-P	1	5/11/2023	Floor	Off-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-287.0-00.0-P	0	5/11/2023	Floor	Off-Site	Composite	Excavated	960	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-287.0-01.0-P	1	5/30/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-288.0-01.0-P	1	5/11/2023	Floor	Off-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-289.0-00.0-P	0	5/11/2023	Floor	Off-Site	Composite	In-Situ	352	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-290.0-01.0-P	1	5/11/2023	Floor	Off-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-291.0-01.0-P	1	5/11/2023	Floor	Off-Site	Composite	In-Situ	384	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-292.0-01.0-P	1	5/11/2023	Floor	Off-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-293.0-01.0-P	1	5/11/2023	Floor	Off-Site	Composite	In-Situ	400	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-294.0-00.0-P	0	5/11/2023	Floor	Off-Site	Composite	In-Situ	416	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-295.0-01.0-P	1	5/11/2023	Floor	Off-Site	Composite	In-Situ	144	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-296.0-00.0-P	0	5/11/2023	Floor	Off-Site	Composite	In-Situ	400	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-297.0-01.0-P	1	5/16/2023	Floor	Off-Site	Composite	In-Situ	432	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-298.0-01.0-P	1	5/16/2023	Floor	Off-Site	Composite	In-Situ	480	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-299.0-01.0-P	1	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-300.0-01.0-P	1	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-301.0-01.0-P	1	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-302.0-01.0-P	1	5/30/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-303.0-01.0-P	1	5/30/2023	Floor	Off-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-304.0-01.0-P	1	5/16/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-305.0-01.0-P	1	5/16/2023	Floor	Off-Site	Composite	In-Situ	144	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-306.0-01.0-P	1	5/30/2023	Floor	Off-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-307.0-01.0-P	1	5/30/2023	Floor	Off-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-308.0-01.0-P	1	5/30/2023	Floor	Off-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-309.0-01.0-P	1	5/16/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-310.0-01.0-P	1	5/16/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-311.0-01.0-P	1	5/16/2023	Floor	Off-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-312.0-01.0-P	1	5/16/2023	Floor	Off-Site	Composite	In-Situ	208	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-313.0-01.0-P	1	5/16/2023	Floor	Off-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-314.0-01.0-P	1	5/16/2023	Floor	Off-Site	Composite	In-Situ	176	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-315.0-01.0-P	1	5/16/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-316.0-01.0-P	1	5/16/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-317.0-01.0-P	1	5/16/2023	Floor	Off-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-318.0-01.0-P	1	5/16/2023	Floor	Off-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-319.0-01.0-P	1	5/18/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-320.0-01.0-P	1	5/18/2023	Floor	Off-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-321.0-01.0-P	1	5/18/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50

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

MEWBOURNE OIL CO.
SLWMS - COLTRANE FRAC BOOSTER
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2217964415



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
CF-322.0-01.0-P	1	5/18/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-323.0-01.0-P	1	5/18/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-324.0-01.0-P	1	5/18/2023	Floor	Off-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-325.0-01.0-P	1	5/22/2023	Floor	Off-Site	Composite	In-Situ	176	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-326.0-01.0-P	1	5/22/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-327.0-01.0-P	1	5/22/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-328.0-01.0-P	1	5/22/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-329.0-01.0-P	1	5/22/2023	Floor	Off-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-330.0-01.0-P	1	5/22/2023	Floor	Off-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-331.0-01.0-P	1	5/22/2023	Floor	Off-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-332.0-01.0-P	1	5/22/2023	Floor	Off-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-333.0-01.0-P	1	5/22/2023	Floor	Off-Site	Composite	In-Situ	144	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-334.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	80	13.4	<10.0	<10.0	<10.0	13.4	<300	<0.50
CF-335.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-336.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-337.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-338.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-339.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-340.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-341.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-342.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-343.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-344.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-345.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-346.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-347.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-348.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-349.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-350.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-351.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-352.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-353.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-354.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-355.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-356.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-357.0-00.5-P	0.5	5/25/2023	Floor	Off-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-358.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-359.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50

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

MEWBOURNE OIL CO.
SLWMS - COLTRANE FRAC BOOSTER
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2217964415




SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
CF-360.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-361.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-362.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-363.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-364.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-365.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-366.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-367.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-368.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-369.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-370.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-371.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-372.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-373.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-374.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-375.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-376.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-377.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-378.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-379.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-380.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-381.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-382.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-383.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-384.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-385.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-386.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-387.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-388.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-389.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-390.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	Excavated	80	122.5	52.1	<10.0	52.1	70.4	<300	<0.50
CF-390.0-01.0-P	1	6/14/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-391.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-392.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-393.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-394.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	Excavated	80	115.4	49.7	<10.0	49.7	65.7	<300	<0.50
CF-394.0-01.0-P	1	6/14/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-395.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	Excavated	64	101.4	43.4	<10.0	43.4	58	<300	<0.50

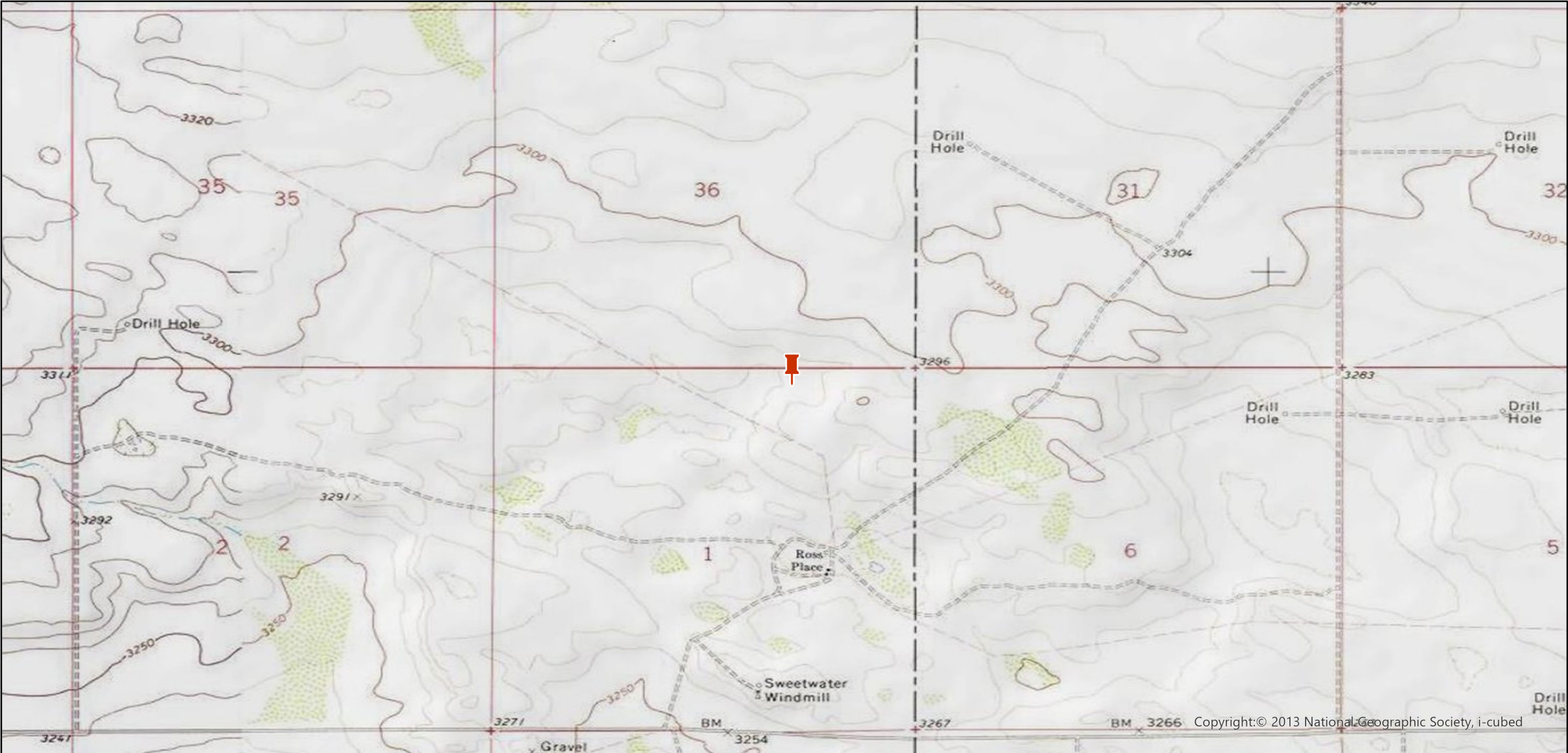
TABLE 2
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

MEWBOURNE OIL CO.
SLWMS - COLTRANE FRAC BOOSTER
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2217964415



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
CF-395.0-01.0-P	1	6/14/2023	Floor	Off-Site	Composite	In-Situ	16	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-396.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-397.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-398.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-399.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-400.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	16	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-401.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-402.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-403.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-404.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-405.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	75.8	33.6	<10.0	33.6	42.2	<300	<0.50
CF-406.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	91.3	41.3	<10.0	41.3	50	<300	<0.50
CF-407.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-408.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-409.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	64	94	42.1	<10.0	42.1	51.9	<300	<0.50
CF-410.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	16	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-411.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-412.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-413.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-414.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-415.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-416.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-417.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-418.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-419.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-420.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-421.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-422.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	Excavated	80	139.9	62.8	<10.0	62.8	77.1	<300	<0.50
CF-422.0-01.0-P	1	6/14/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-423.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-424.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-425.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-426.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-427.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	Excavated	64	129.7	58.5	<10.0	58.5	71.2	<300	<0.50
CF-427.0-01.0-P	1	6/14/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-428.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-429.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<300	<0.50
CF-430.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	Excavated	80	111.5	50.9	<10.0	50.9	60.6	<300	<0.50

TABLE 2 CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL														
MEWBOURNE OIL CO. SLWMS - COLTRANE FRAC BOOSTER EDDY COUNTY, NEW MEXICO NMOCD REFERENCE #: NAPP2217964415														
														
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
CF-430.0-01.0-P	1	6/14/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-431.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-432.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	Excavated	80	114.7	50.5	<10.0	50.5	64.2	<.300	<0.50
CF-432.0-01.0-P	1	6/14/2023	Floor	Off-Site	Composite	In-Situ	16	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-433.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-434.0-00.5-P	0.5	5/30/2023	Floor	Off-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
Remediation Walls														
CW-001.0-00.5-P	0.5	5/30/2023	Wall	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-002.0-00.5-P	0.5	5/30/2023	Wall	Off-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-003.0-00.5-P	0.5	6/30/2023	Wall	Off-Site	Composite	In-Situ	144	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

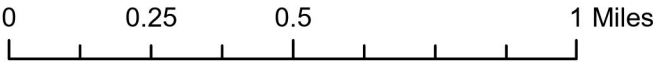


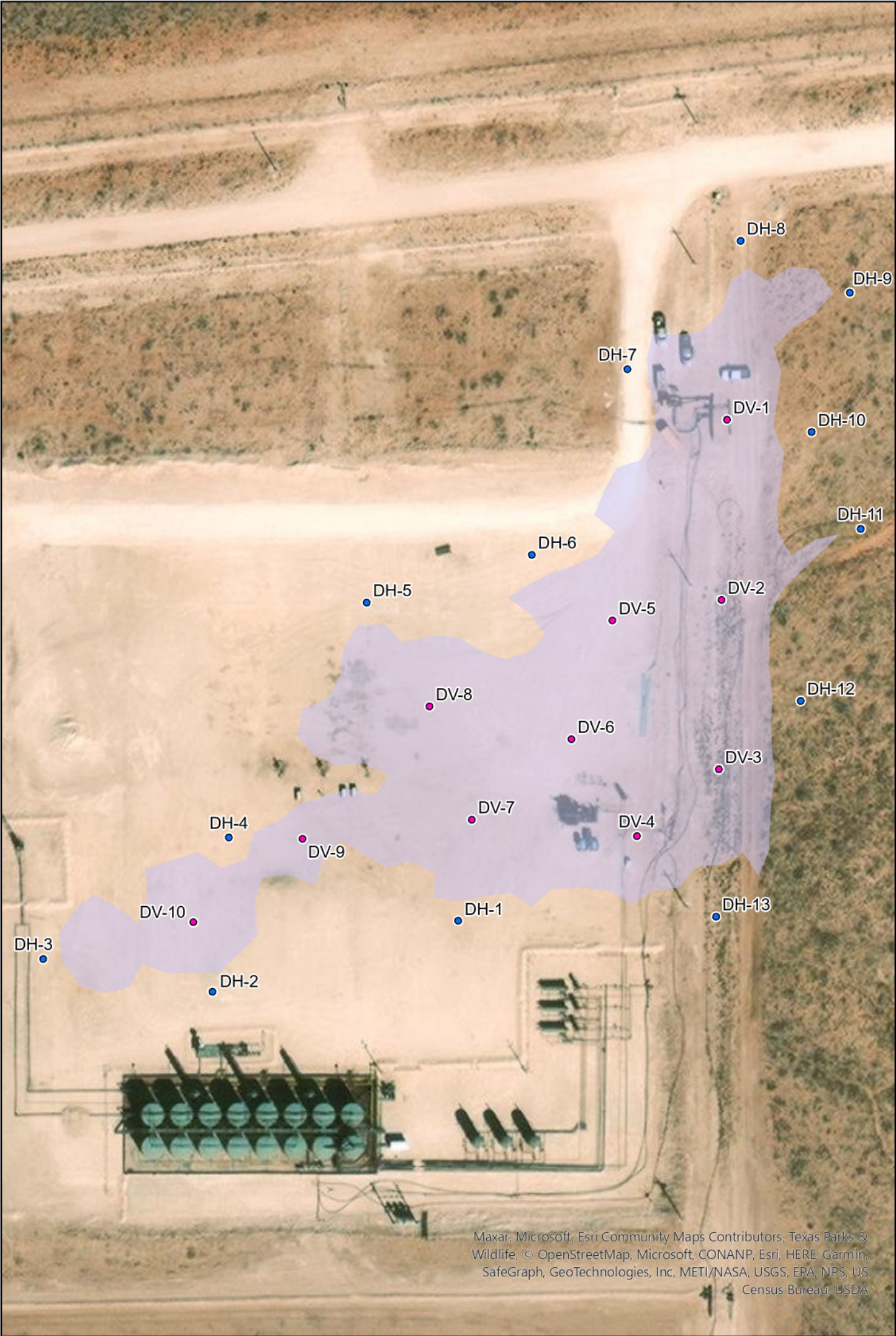
Legend:



Site Location

Site Location Map
Mewbourne Oil Co.
SLWMS - Coltrane Frac Booster
Eddy County, New Mexico
32.078863, -103.728081
NMOCD Reference # NAPP2217964415





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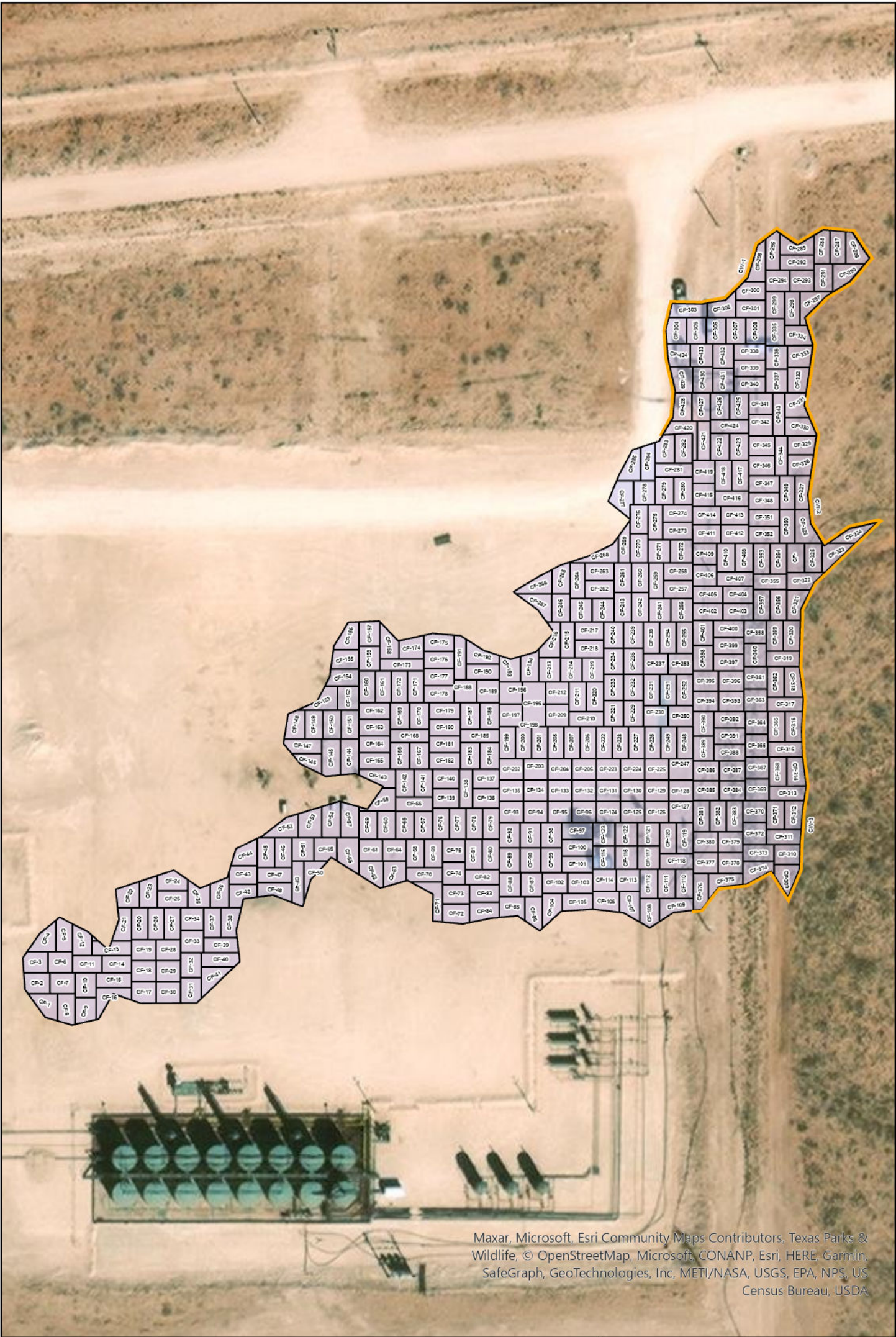
Legend:

- Vertical Delineation
- Horizontal Delineation
- Release Area

Delineation Map
Mewbourne Oil Co.
SLWMS - Coltrane Frac Booster
Eddy County, New Mexico
32.078863, -103.728081
NMOCD Reference #
NAPP2217964415

0 40 80 160 Feet





Legend:

- Remediation Wall
- Remediation Floor
- Excavation Area

Remediation Map
Mewbourne Oil Co.
SLWMS - Coltrane Frac Booster
Eddy County, New Mexico
32.078863, -103.728081
NMOCD Reference #
NAPP2217964415

0 40 80 160 Feet





Initial Release

Pad:



Pad:





Initial Release





Initial Release



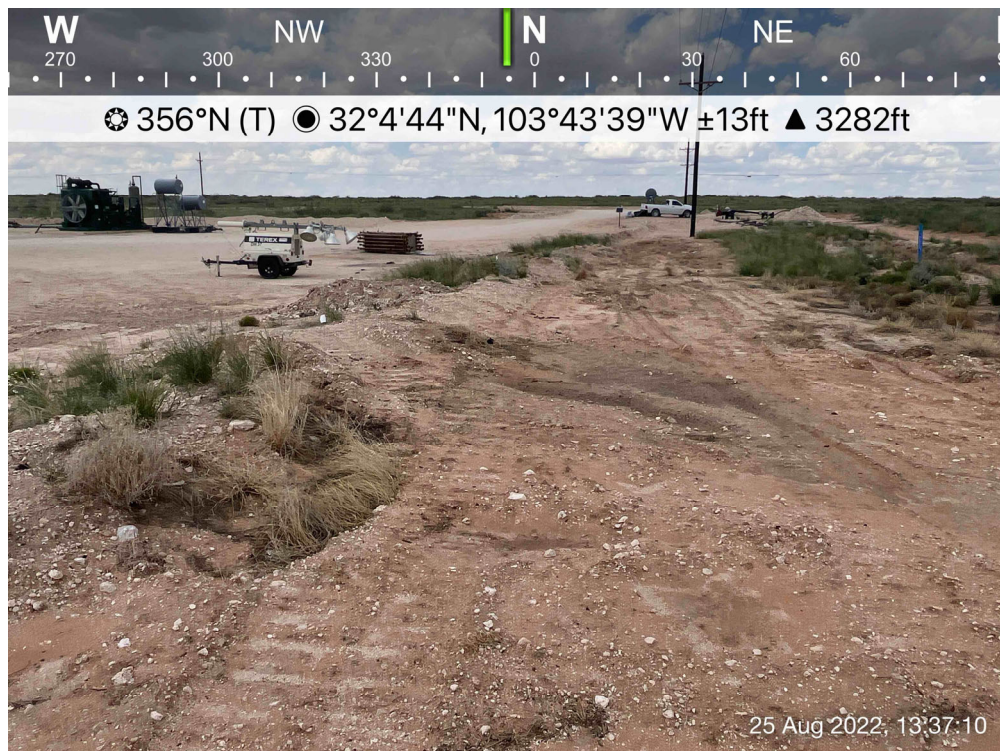


Initial Release

Pasture:



Pasture:





Excavation

Pasture:

North Elevation

☼ 183°S (T) ● 32°4'48"N, 103°43'38"W ±19ft ▲ 3286ft



31 May 2023, 14:32:09

Pasture:

North West Elevation

☼ 153°SE (T) ● 32°4'47"N, 103°43'38"W ±9ft ▲ 3286ft



31 May 2023, 14:32:29



Excavation

Pasture:



Pasture:





Excavation





Excavation

Pasture:



Pasture:



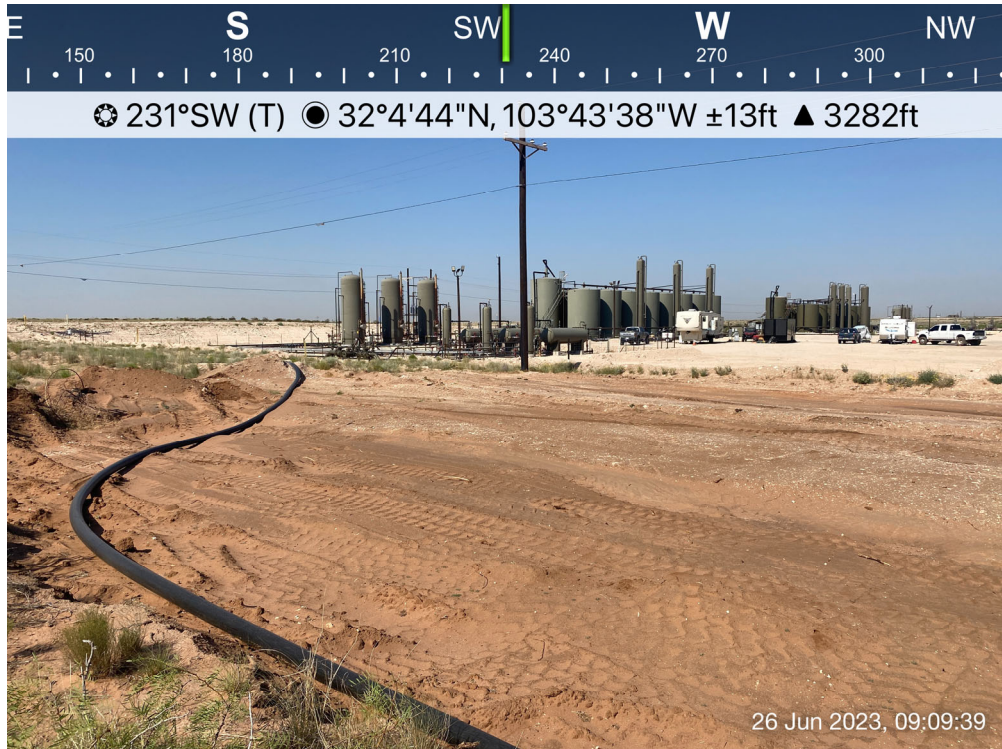


Excavation

Pasture:

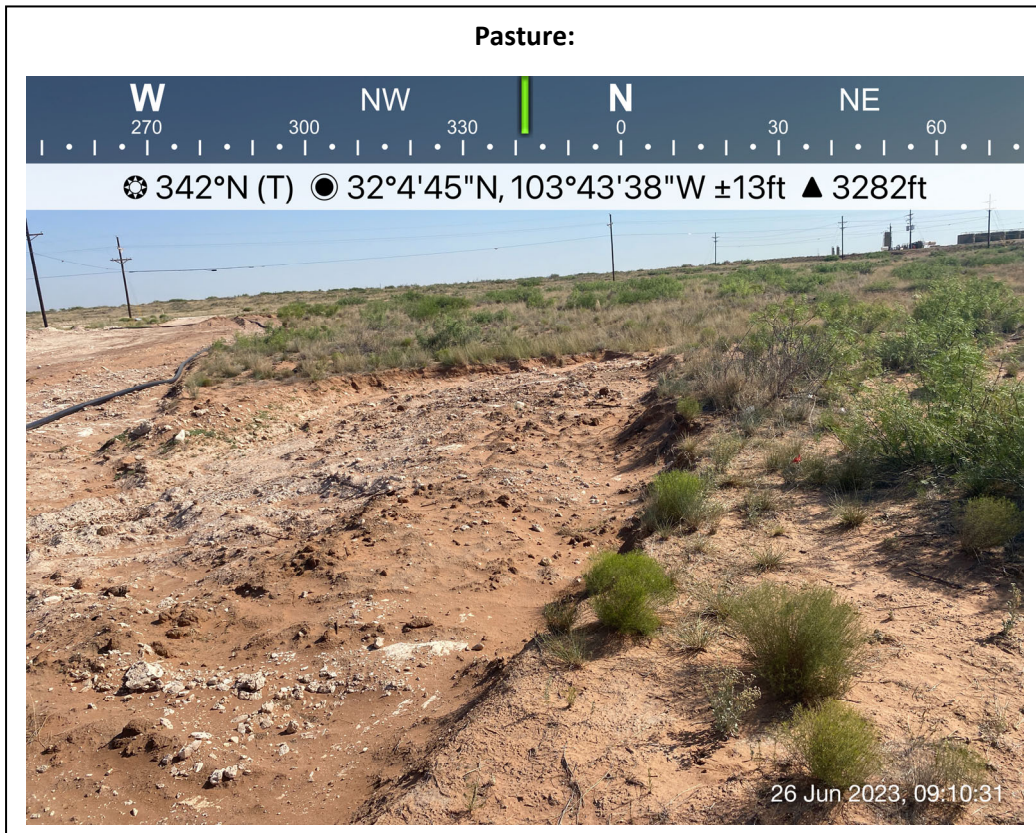
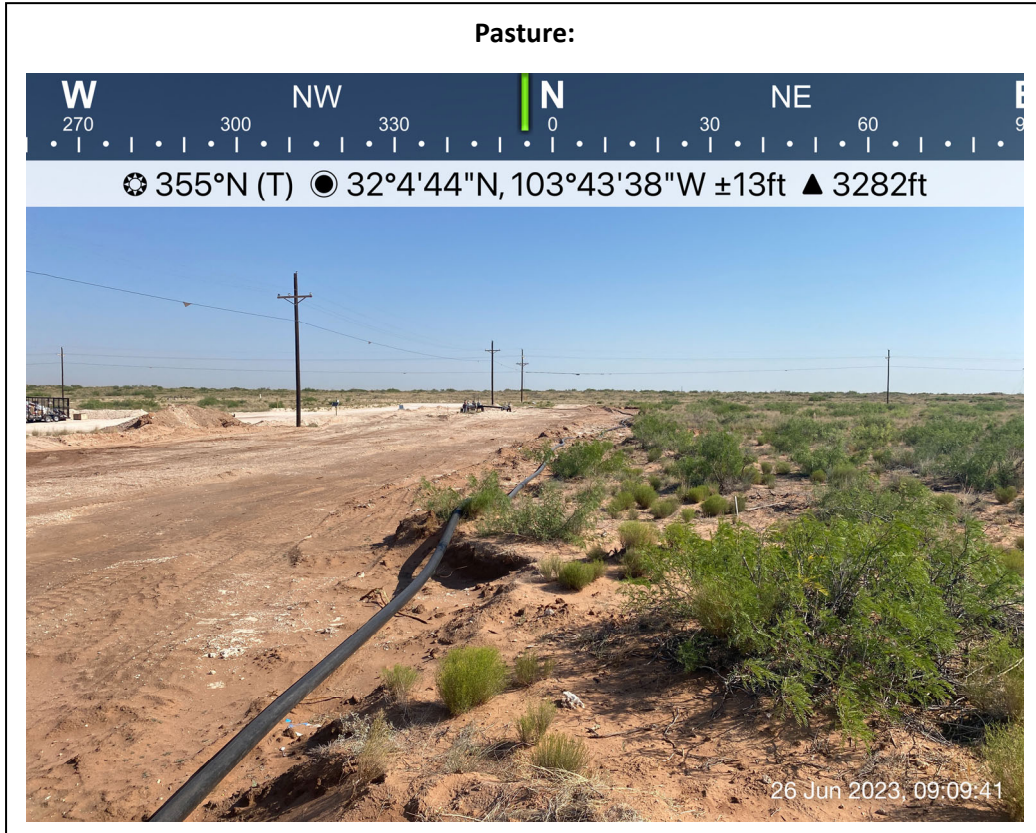


Pasture:





Excavation





Excavation

Pasture:



Pasture:





Excavation

Pasture:



Pasture:





Excavation

Pasture:



Pasture:





Excavation

Pasture:




Pasture:





New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)				(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y		
NA	C 04256 POD1	4	4	2	01	26S	31E	620384	3549257		
<hr/>											
Driller License:		1706		Driller Company:			ELITE DRILLERS CORPORATION				
Driller Name:		BRYCE WALLACE									
Drill Start Date:		06/28/2018			Drill Finish Date:			07/04/2018		Plug Date:	
Log File Date:		07/18/2018			PCW Rev Date:					Source: Artesian	
Pump Type:					Pipe Discharge Size:					Estimated Yield: 40 GPM	
Casing Size:		5.80			Depth Well:			666 feet		Depth Water: 340 feet	
<hr/>											
Water Bearing Stratifications:					Top	Bottom	Description				
					330	390	Sandstone/Gravel/Conglomerate				
					390	430	Sandstone/Gravel/Conglomerate				
					430	480	Sandstone/Gravel/Conglomerate				
					480	610	Sandstone/Gravel/Conglomerate				
<hr/>											
Casing Perforations:					Top	Bottom					
					326	666					
<hr/>											

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New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	03639 POD1	3	4	2	01	26S	31E	620168	3549279
Driller License: 1654									
Driller Company: NOT WORKING FOR HIRE--SIRMAN DRILLING AND CONSTRUC									
Driller Name:									
Drill Start Date: 09/23/2013									
Drill Finish Date: 09/25/2013									
Plug Date:									
Log File Date: 10/25/2013									
PCW Rev Date:									
Source: Shallow									
Pump Type:									
Pipe Discharge Size:									
Estimated Yield:									
Casing Size: 6.00									
Depth Well: 700 feet									
Depth Water: 365 feet									

Water Bearing Stratifications:**Top Bottom Description**

560 600 Sandstone/Gravel/Conglomerate

Casing Perforations:**Top Bottom**

600 660

Meter Number: 16575**Meter Make:** MASTERMETER**Meter Serial Number:** 8827642**Meter Multiplier:** 100.0000**Number of Dials:** 6**Meter Type:** Diversion**Unit of Measure:** Gallons**Return Flow Percent:****Usage Multiplier:****Reading Frequency:****Meter Readings (in Acre-Feet)**

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
12/26/2013	2013	4487	A	RPT		0
04/01/2014	2014	15593	A	RPT		3.408
07/01/2014	2014	27654	A	RPT		3.701
10/01/2014	2014	43114	A	RPT		4.744
12/31/2014	2014	54047	A	RPT		3.355
02/01/2015	2015	55287	A	RPT		0.381
03/02/2015	2015	56670	A	RPT		0.424
04/02/2015	2015	60341	A	RPT		1.127
04/30/2015	2015	65590	A	RPT		1.611
05/31/2015	2015	71252	A	RPT		1.738
07/01/2015	2015	74451	A	RPT		0.982
08/01/2015	2015	77975	A	RPT		1.081
08/31/2015	2015	82253	A	RPT		1.313
10/01/2015	2015	86369	A	RPT		1.263

****YTD Meter Amounts: Year Amount**

2013 0

2014 15.208

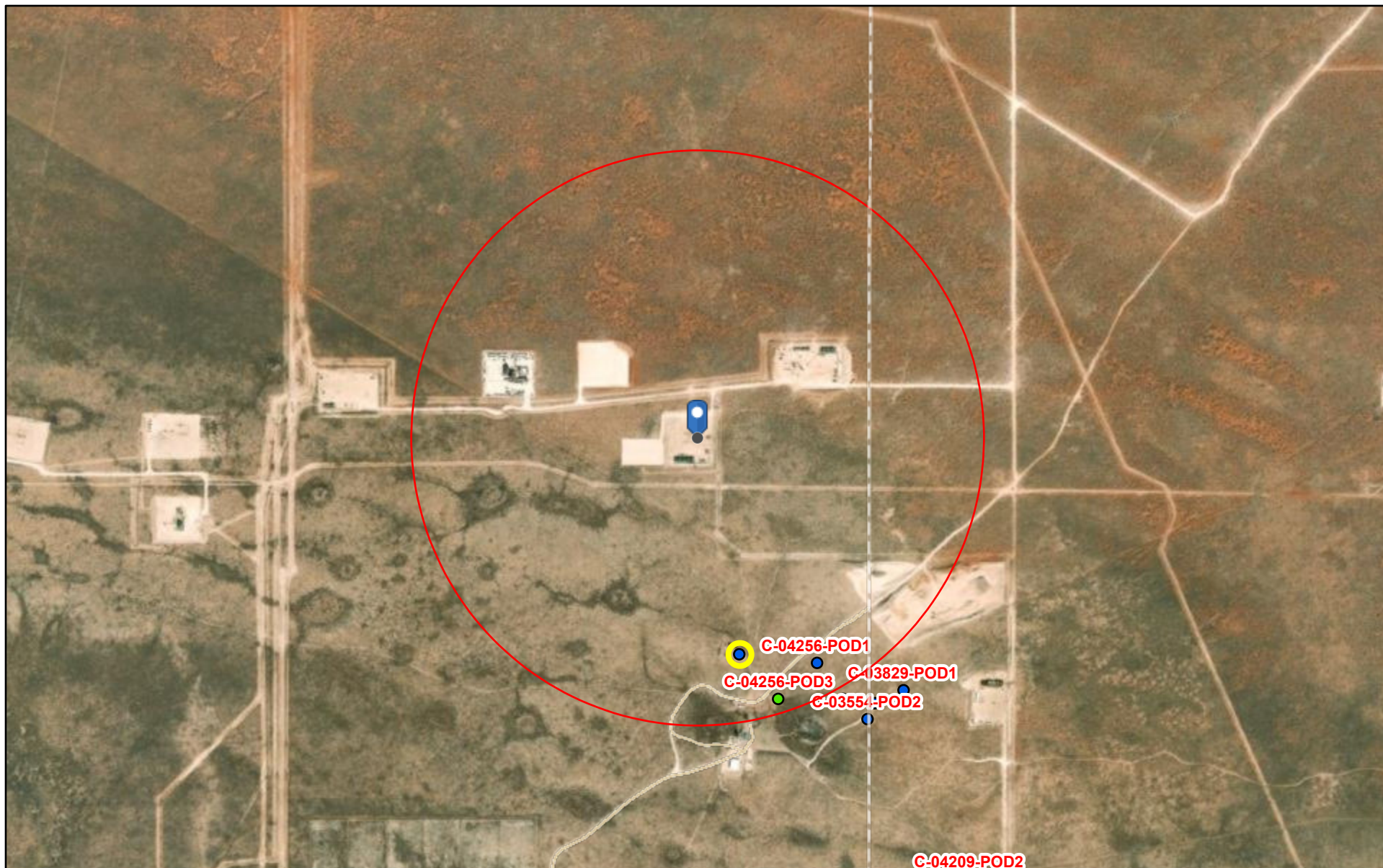
2015 9.920

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8/25/22 2:15 PM

POINT OF DIVERSION SUMMARY

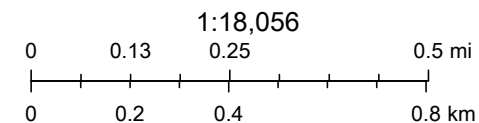
NAPP2217964415 | SLWMS - COLTRANE FRAC BOOSTER



6/21/2023, 12:22:10 PM

GIS WATERS PODs ● Pending

● Active



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



NAPP2217964415 | SLWMS - COLTRANE FRAC BOOSTER



August 25, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

National Flood Hazard Layer FIRMette



103°44'W 32°4'59"N



Legend

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

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



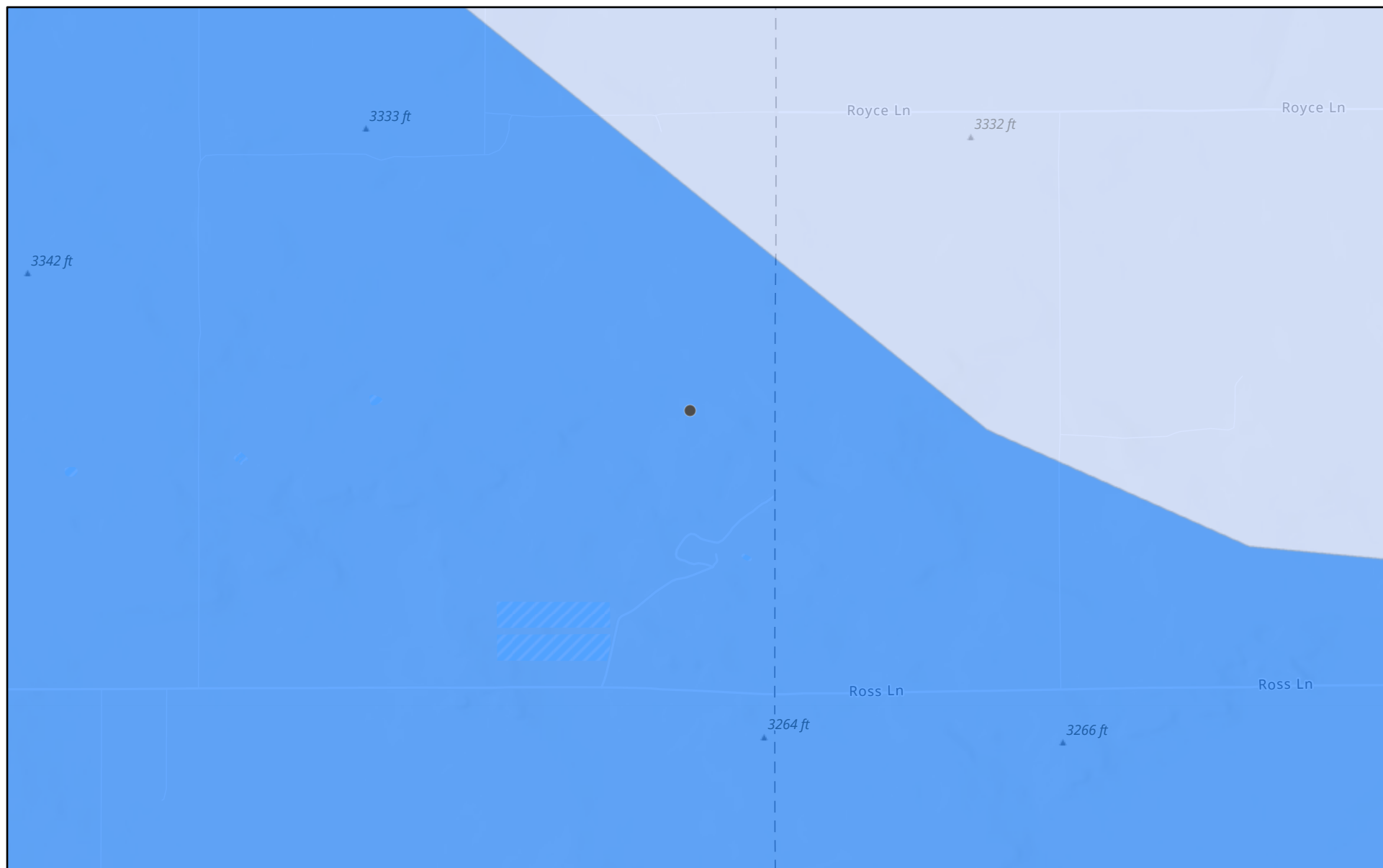
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 8/25/2022 at 4:51 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.

NAPP2217964415 | SLWMS - COLTRANE FRAC BOOSTER



8/25/2022, 3:35:55 PM

Karst Occurrence Potential

Medium



Low

1:36,112

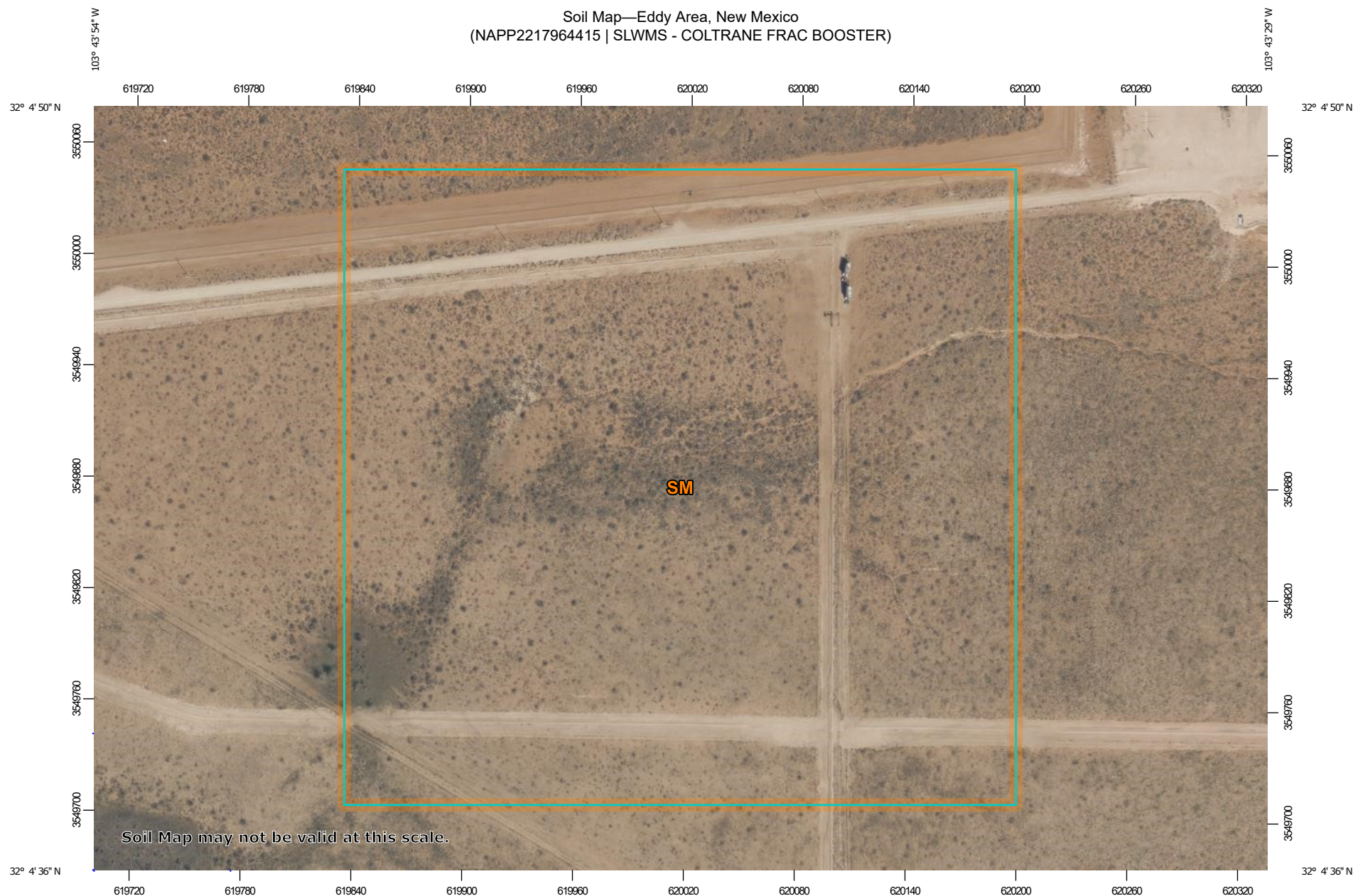
0 0.25 0.5 1 mi

0 0.4 0.8 1.6 km

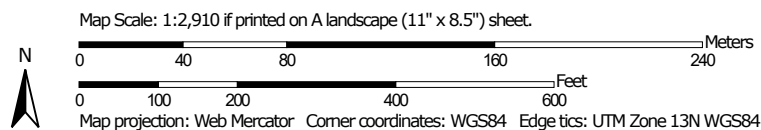
BLM, OCD, New Mexico Tech, Esri, NASA, NGA, USGS, FEMA, Texas Parks & Wildlife, CONANP, Esri, HERE, Garmin, SafeGraph,

New Mexico Oil Conservation Division

Soil Map—Eddy Area, New Mexico
(NAPP2217964415 | SLWMS - COLTRANE FRAC BOOSTER)



Soil Map may not be valid at this scale.



Natural Resources
Conservation Service


Web Soil Survey
National Cooperative Soil Survey

8/26/2022
Page 1 of 3


Soil Map—Eddy Area, New Mexico
(NAPP2217964415 | SLWMS - COLTRANE FRAC BOOSTER)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 17, Sep 12, 2021

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

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

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



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

8/26/2022
Page 2 of 3

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
SM	Simona-Bippus complex, 0 to 5 percent slopes	30.9	100.0%
Totals for Area of Interest		30.9	100.0%



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

May 04, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SLWMS COLTRANE FRAC BOOSTER

Enclosed are the results of analyses for samples received by the laboratory on 05/01/23 15:55.

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:	05/01/2023	Sampling Date:	05/01/2023
Reported:	05/04/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-001.0-00.0-S (H232132-01)

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	05/03/2023	ND	1.93	96.3	2.00	1.18		
Toluene*	<0.050	0.050	05/03/2023	ND	1.95	97.6	2.00	1.76		
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.08	104	2.00	1.38		
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.03	101	6.00	0.847		
Total BTEx	<0.300	0.300	05/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	6560	16.0	05/03/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	217	108	200	1.76	
DRO >C10-C28*	172	10.0	05/03/2023	ND	209	104	200	3.03	
EXT DRO >C28-C36	56.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 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: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-002.0-00.0-S (H232132-02)

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	05/03/2023	ND	1.93	96.3	2.00	1.18	
Toluene*	<0.050	0.050	05/03/2023	ND	1.95	97.6	2.00	1.76	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.08	104	2.00	1.38	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.03	101	6.00	0.847	
Total BTEX	<0.300	0.300	05/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	7680	16.0	05/03/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	217	108	200	1.76	
DRO >C10-C28*	589	10.0	05/03/2023	ND	209	104	200	3.03	
EXT DRO >C28-C36	167	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 73.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-003.0-00.0-S (H232132-03)

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	05/04/2023	ND	1.93	96.3	2.00	1.18		
Toluene*	<0.050	0.050	05/04/2023	ND	1.95	97.6	2.00	1.76		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.08	104	2.00	1.38		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.03	101	6.00	0.847		
Total BTEX	<0.300	0.300	05/04/2023	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	9460	16.0	05/03/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	217	108	200	1.76	
DRO >C10-C28*	682	10.0	05/03/2023	ND	209	104	200	3.03	
EXT DRO >C28-C36	79.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 65.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-004.0-00.3-S (H232132-04)

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	05/03/2023	ND	1.93	96.3	2.00	1.18	
Toluene*	<0.050	0.050	05/03/2023	ND	1.95	97.6	2.00	1.76	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.08	104	2.00	1.38	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.03	101	6.00	0.847	
Total BTEX	<0.300	0.300	05/03/2023	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	3680	16.0	05/03/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	217	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	209	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 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: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-005.0-00.0-S (H232132-05)

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	05/03/2023	ND	1.93	96.3	2.00	1.18	
Toluene*	<0.050	0.050	05/03/2023	ND	1.95	97.6	2.00	1.76	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.08	104	2.00	1.38	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.03	101	6.00	0.847	
Total BTEX	<0.300	0.300	05/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	19000	16.0	05/03/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	217	108	200	1.76	
DRO >C10-C28*	82.7	10.0	05/03/2023	ND	209	104	200	3.03	
EXT DRO >C28-C36	20.5	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 64.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-006.0-00.3-S (H232132-06)

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	05/03/2023	ND	1.93	96.3	2.00	1.18	
Toluene*	<0.050	0.050	05/03/2023	ND	1.95	97.6	2.00	1.76	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.08	104	2.00	1.38	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.03	101	6.00	0.847	
Total BTEX	<0.300	0.300	05/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 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	2880	16.0	05/03/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	217	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	209	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-007.0-00.0-S (H232132-07)

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	05/03/2023	ND	1.93	96.3	2.00	1.18		
Toluene*	<0.050	0.050	05/03/2023	ND	1.95	97.6	2.00	1.76		
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.08	104	2.00	1.38		
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.03	101	6.00	0.847		
Total BTEX	<0.300	0.300	05/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	13500	16.0	05/03/2023	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*	<10.0	10.0	05/03/2023	ND	217	108	200	1.76	
DRO >C10-C28*	419	10.0	05/03/2023	ND	209	104	200	3.03	
EXT DRO >C28-C36	113	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-008.0-00.3-S (H232132-08)

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	05/03/2023	ND	1.93	96.3	2.00	1.18		
Toluene*	<0.050	0.050	05/03/2023	ND	1.95	97.6	2.00	1.76		
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.08	104	2.00	1.38		
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.03	101	6.00	0.847		
Total BTEX	<0.300	0.300	05/03/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3040	16.0	05/03/2023	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	05/03/2023	ND	217	108	200	1.76	
DRO >C10-C28*	1850	10.0	05/03/2023	ND	209	104	200	3.03	
EXT DRO >C28-C36	562	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 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: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-009.0-00.0-S (H232132-09)

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	05/03/2023	ND	1.93	96.3	2.00	1.18	
Toluene*	<0.050	0.050	05/03/2023	ND	1.95	97.6	2.00	1.76	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.08	104	2.00	1.38	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.03	101	6.00	0.847	
Total BTEX	<0.300	0.300	05/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	4320	16.0	05/03/2023	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	05/03/2023	ND	217	108	200	1.76	
DRO >C10-C28*	23.8	10.0	05/03/2023	ND	209	104	200	3.03	
EXT DRO >C28-C36	19.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 72.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-010.0-00.0-S (H232132-10)

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	05/03/2023	ND	1.93	96.3	2.00	1.18	
Toluene*	<0.050	0.050	05/03/2023	ND	1.95	97.6	2.00	1.76	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.08	104	2.00	1.38	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.03	101	6.00	0.847	
Total BTEX	<0.300	0.300	05/03/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	21600	16.0	05/03/2023	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	05/03/2023	ND	217	108	200	1.76	
DRO >C10-C28*	13.8	10.0	05/03/2023	ND	209	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-011.0-00.3-S (H232132-11)

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	05/03/2023	ND	1.93	96.3	2.00	1.18		
Toluene*	<0.050	0.050	05/03/2023	ND	1.95	97.6	2.00	1.76		
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.08	104	2.00	1.38		
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.03	101	6.00	0.847		
Total BTEX	<0.300	0.300	05/03/2023	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	1560	16.0	05/03/2023	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	05/03/2023	ND	217	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	209	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Analytical Results For:

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

Received: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-012.0-00.0-S (H232132-12)

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	05/03/2023	ND	1.97	98.7	2.00	3.43	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	104	2.00	3.91	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	3.30	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.32	105	6.00	2.78	
Total BTEX	<0.300	0.300	05/03/2023	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	12400	16.0	05/03/2023	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	05/03/2023	ND	217	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	209	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 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: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-013.0-00.0-S (H232132-13)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.97	98.7	2.00	3.43	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	104	2.00	3.91	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	3.30	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.32	105	6.00	2.78	
Total BTX	<0.300	0.300	05/03/2023	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	14000	16.0	05/03/2023	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	05/03/2023	ND	217	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	209	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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Analytical Results For:

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

Received: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-014.0-00.3-S (H232132-14)

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	05/03/2023	ND	1.97	98.7	2.00	3.43	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	104	2.00	3.91	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	3.30	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.32	105	6.00	2.78	
Total BTEX	<0.300	0.300	05/03/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	05/03/2023	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	05/03/2023	ND	217	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	209	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 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: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-015.0-00.0-S (H232132-15)

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	05/03/2023	ND	1.97	98.7	2.00	3.43	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	104	2.00	3.91	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	3.30	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.32	105	6.00	2.78	
Total BTEX	<0.300	0.300	05/03/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15400	16.0	05/03/2023	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	05/03/2023	ND	217	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	209	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 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: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-016.0-00.0-S (H232132-16)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.97	98.7	2.00	3.43	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	104	2.00	3.91	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	3.30	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.32	105	6.00	2.78	
Total BTEX	<0.300	0.300	05/03/2023	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	6800	16.0	05/03/2023	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	05/03/2023	ND	229	114	200	3.38	
DRO >C10-C28*	87.3	10.0	05/03/2023	ND	219	109	200	2.65	
EXT DRO >C28-C36	38.9	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-017.0-00.3-S (H232132-17)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.97	98.7	2.00	3.43	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	104	2.00	3.91	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	3.30	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.32	105	6.00	2.78	
Total BTEX	<0.300	0.300	05/03/2023	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	944	16.0	05/03/2023	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	05/03/2023	ND	229	114	200	3.38	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	219	109	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 67.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.7 % 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: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-018.0-00.0-S (H232132-18)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.97	98.7	2.00	3.43	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	104	2.00	3.91	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	3.30	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.32	105	6.00	2.78	
Total BTEX	<0.300	0.300	05/03/2023	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	13800	16.0	05/03/2023	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	05/03/2023	ND	229	114	200	3.38	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	219	109	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-019.0-00.0-S (H232132-19)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.97	98.7	2.00	3.43	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	104	2.00	3.91	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	3.30	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.32	105	6.00	2.78	
Total BTEX	<0.300	0.300	05/03/2023	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	9600	16.0	05/03/2023	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	05/03/2023	ND	229	114	200	3.38	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	219	109	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 68.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-020.0-00.0-S (H232132-20)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.97	98.7	2.00	3.43	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	104	2.00	3.91	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	3.30	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.32	105	6.00	2.78	
Total BTEX	<0.300	0.300	05/03/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	21400	16.0	05/03/2023	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	05/03/2023	ND	229	114	200	3.38	
DRO >C10-C28*	15.5	10.0	05/03/2023	ND	219	109	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 75.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.2 % 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: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-021.0-00.0-S (H232132-21)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.97	98.7	2.00	3.43	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	104	2.00	3.91	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	3.30	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.32	105	6.00	2.78	
Total BTEX	<0.300	0.300	05/03/2023	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	3920	16.0	05/03/2023	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	05/03/2023	ND	229	114	200	3.38	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	219	109	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-022.0-00.0-S (H232132-22)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.97	98.7	2.00	3.43	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	104	2.00	3.91	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	3.30	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.32	105	6.00	2.78	
Total BTEX	<0.300	0.300	05/03/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7040	16.0	05/03/2023	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	05/03/2023	ND	229	114	200	3.38	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	219	109	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 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: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-023.0-00.3-S (H232132-23)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	1.97	98.7	2.00	3.43	
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	104	2.00	3.91	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	3.30	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.32	105	6.00	2.78	
Total BTEx	<0.300	0.300	05/03/2023	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	752	16.0	05/03/2023	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	05/03/2023	ND	229	114	200	3.38	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	219	109	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 69.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.4 % 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: 05/01/2023
 Reported: 05/04/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/01/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-024.0-00.3-S (H232132-24)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/03/2023	ND	1.97	98.7	2.00	3.43		
Toluene*	<0.050	0.050	05/03/2023	ND	2.07	104	2.00	3.91		
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.02	101	2.00	3.30		
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.32	105	6.00	2.78		
Total BTEX	<0.300	0.300	05/03/2023	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	2560	16.0	05/03/2023	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	05/03/2023	ND	229	114	200	3.38	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	219	109	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 62.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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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 Name: SLUMS Coltrate Fire Booster

Project Location: Eddy Co., NM

Sample Name: JC

P.O. #:

Company: Mawbourne Oil Co.

Attn: Corner Walker

Address:

City:

State:

Zip:

Phone #:

Fax #:

BILL TO

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX		DATE	TIME	Chloride	TPH	BTEX						
				GROUNDWATER	WASTEWATER											
-	CF-001 0.00-0-S	C 1	X			5/1/2023		X	X	X						
2	CF-002 0.00-0-S	C 1	X			5/1/2023		X	X	X						
3	CF-003 0.00-0-S	C 1	X			5/1/2023		X	X	X						
4	CF-004 0.00-3-S	C 1	X			5/1/2023		X	X	X						
5	CF-005 0.00-0-S	C 1	X			5/1/2023		X	X	X						
6	CF-006 0.00-3-S	C 1	X			5/1/2023		X	X	X						
7	CF-007 0.00-0-S	C 1	X			5/1/2023		X	X	X						
8	CF-008 0.00-3-S	C 1	X			5/1/2023		X	X	X						
9	CF-009 0.00-0-S	C 1	X			5/1/2023		X	X	X						
10	CF-010 0.00-0-S	C 1	X			5/1/2023		X	X	X						

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Relinquished By: [Signature]

Date: 5-1-23

Time: 1:55 PM

Received By: [Signature]

Date: 5-1-23

Time:

REMARKS:

All Results are emailed. Please provide Email address:

Verbal Result: Yes No Add'l Phone #:

Turnaround Time:

Thermometer ID #113

Correction Factor -0.5 °C


Standard X Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Corrected Temp. °C

Rush Yes No Cool Intact Observed Temp. °C Corrected Temp. °C

Delivered By: (Circle One)

Corrected Temp. °C

Sample - UPS - Bus - Other:



CARDINAL
Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Offfield Services

Project Manager: Dan Dunkelberg

Address: 8426 N Dal Paso

City: Hobbs

Phone #:

Project #:

Project Name: SLMMS Collared Frac Booster

Project Location: Eddy Co., NM

Sample Name: JC

P.O. #:

Company: Mesquite Oil Co.

Attn: Corinne Walker

Address:

City:

State:

Zip:

Phone #:

Fax #:

Reinquisitioned By: *[Signature]*

Date: 5-1-23

Time: 1555

Received By: *[Signature]*

Date:

Time:

Reinquisitioned By: *[Signature]*

Date:

Time:

Received By: *[Signature]*

Date:

Time:

Delivered By: (Circle One)

Observed Temp. °C: 4.5

Corrected Temp. °C: 3.9

Sample Condition: ☒ Cool ☐ Intact

Checked By: *[Signature]*

Turnaround Time:

Thermometer ID #113

Correction Factor: -0.8 °C

Standard: ☒ **Bacteria (only) Sample Condition:** ☐ Cool ☐ Intact

Observed Temp. °C:

Corrected Temp. °C:

Lab I.D.: *H33A132*

Sample I.D.:

CF-011.0-00.3-S

CF-012.0-00.0-S

CF-013.0-00.0-S

CF-014.0-00.3-S

CF-015.0-00.0-S

CF-016.0-00.0-S

CF-017.0-00.3-S

CF-018.0-00.0-S

CF-019.0-00.0-S

CF-020.0-00.0-S

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

DATE

TIME

Chloride

TPH

BTEX

Yes

No

Add'l Phone #:

All Results are emailed. Please provide Email address:

Reinquisitioned By: *[Signature]*

Date: 5-1-23

Time: 1555

Received By: *[Signature]*

Date:

Time:

Reinquisitioned By: *[Signature]*

Date:

Time:

Received By: *[Signature]*

Date:

Time:

Delivered By: (Circle One)

Observed Temp. °C: 4.5

Corrected Temp. °C: 3.9

Sample Condition: ☒ Cool ☐ Intact

Checked By: *[Signature]*

Turnaround Time:

Thermometer ID #113

Correction Factor: -0.8 °C

Standard: ☒ **Bacteria (only) Sample Condition:** ☐ Cool ☐ Intact

Observed Temp. °C:

Corrected Temp. °C:

Lab I.D.: *H33A132*

Sample I.D.:

CF-011.0-00.3-S

CF-012.0-00.0-S

CF-013.0-00.0-S

CF-014.0-00.3-S

CF-015.0-00.0-S

CF-016.0-00.0-S

CF-017.0-00.3-S

CF-018.0-00.0-S

CF-019.0-00.0-S

CF-020.0-00.0-S

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

DATE

TIME

Chloride

TPH

BTEX

Yes

No

Add'l Phone #:

All Results are emailed. Please provide Email address:

Reinquisitioned By: *[Signature]*

Date: 5-1-23

Time: 1555

Received By: *[Signature]*

Date:

Time:

Reinquisitioned By: *[Signature]*

Date:

Time:

Received By: *[Signature]*

Date:

Time:

Delivered By: (Circle One)

Observed Temp. °C: 4.5

Corrected Temp. °C: 3.9

Sample Condition: ☒ Cool ☐ Intact

Checked By: *[Signature]*

Turnaround Time:

Thermometer ID #113

Correction Factor: -0.8 °C

Standard: ☒ **Bacteria (only) Sample Condition:** ☐ Cool ☐ Intact

Observed Temp. °C:

Corrected Temp. °C:

Lab I.D.: *H33A132*

Sample I.D.:

CF-011.0-00.3-S

CF-012.0-00.0-S

CF-013.0-00.0-S

CF-014.0-00.3-S

CF-015.0-00.0-S

CF-016.0-00.0-S

CF-017.0-00.3-S

CF-018.0-00.0-S

CF-019.0-00.0-S

CF-020.0-00.0-S

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

DATE

TIME

Chloride

TPH

BTEX

Yes

No

Add'l Phone #:

All Results are emailed. Please provide Email address:

Reinquisitioned By: *[Signature]*

Date: 5-1-23

Time: 1555

Received By: *[Signature]*

Date:

Time:

Reinquisitioned By: *[Signature]*

Date:

Time:

Page 29 of 29



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

May 08, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SLWMS COLTRANE FRAC BOOSTER

Enclosed are the results of analyses for samples received by the laboratory on 05/02/23 15:40.

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:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-025.0-00.0-S (H232155-01)

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	05/03/2023	ND	2.07	104	2.00	3.33		
Toluene*	<0.050	0.050	05/03/2023	ND	2.17	108	2.00	3.10		
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.09	105	2.00	2.75		
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.44	107	6.00	2.16		
Total BTEX	<0.300	0.300	05/03/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	23200	16.0	05/04/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	220	110	200	0.451	
DRO >C10-C28*	16.2	10.0	05/03/2023	ND	204	102	200	3.61	
EXT DRO >C28-C36	14.6	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 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:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-026.0-00.0-S (H232155-02)

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	05/03/2023	ND	2.07	104	2.00	3.33		
Toluene*	<0.050	0.050	05/03/2023	ND	2.17	108	2.00	3.10		
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.09	105	2.00	2.75		
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.44	107	6.00	2.16		
Total BTEx	<0.300	0.300	05/03/2023	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	16400	16.0	05/04/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10.9	10.0	05/03/2023	ND	220	110	200	0.451	
DRO >C10-C28*	18.1	10.0	05/03/2023	ND	204	102	200	3.61	
EXT DRO >C28-C36	17.6	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 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:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-027.0-00.3-S (H232155-03)

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	05/03/2023	ND	2.07	104	2.00	3.33		
Toluene*	<0.050	0.050	05/03/2023	ND	2.17	108	2.00	3.10		
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.09	105	2.00	2.75		
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.44	107	6.00	2.16		
Total BTEx	<0.300	0.300	05/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	1120	16.0	05/04/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.7	10.0	05/03/2023	ND	230	115	200	0.263	
DRO >C10-C28*	3680	10.0	05/03/2023	ND	216	108	200	0.206	QM-07
EXT DRO >C28-C36	10.7	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 206 % 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:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-028.0-00.3-S (H232155-04)

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	05/03/2023	ND	2.07	104	2.00	3.33		
Toluene*	<0.050	0.050	05/03/2023	ND	2.17	108	2.00	3.10		
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.09	105	2.00	2.75		
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.44	107	6.00	2.16		
Total BTEX	<0.300	0.300	05/03/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1090	16.0	05/04/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	230	115	200	0.263	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	216	108	200	0.206	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/02/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-029.0-00.3-S (H232155-05)

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	05/03/2023	ND	2.07	104	2.00	3.33	
Toluene*	<0.050	0.050	05/03/2023	ND	2.17	108	2.00	3.10	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.09	105	2.00	2.75	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.44	107	6.00	2.16	
Total BTEX	<0.300	0.300	05/03/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2040	16.0	05/04/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	230	115	200	0.263	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	216	108	200	0.206	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-030.0-00.0-S (H232155-06)

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	05/04/2023	ND	1.79	89.4	2.00	2.14		
Toluene*	<0.050	0.050	05/04/2023	ND	1.80	89.8	2.00	1.03		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.73	86.6	2.00	0.124		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.28	88.0	6.00	0.262		
Total BTEX	<0.300	0.300	05/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	19600	16.0	05/04/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	230	115	200	0.263	
DRO >C10-C28*	61.7	10.0	05/03/2023	ND	216	108	200	0.206	
EXT DRO >C28-C36	38.2	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/02/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-031.0-00.0-S (H232155-07)

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	05/04/2023	ND	1.79	89.4	2.00	2.14		
Toluene*	<0.050	0.050	05/04/2023	ND	1.80	89.8	2.00	1.03		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.73	86.6	2.00	0.124		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.28	88.0	6.00	0.262		
Total BTEX	<0.300	0.300	05/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	14000	16.0	05/04/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	230	115	200	0.263	
DRO >C10-C28*	23.1	10.0	05/03/2023	ND	216	108	200	0.206	
EXT DRO >C28-C36	11.4	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/02/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-032.0-00.0-S (H232155-08)

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	05/04/2023	ND	1.79	89.4	2.00	2.14		
Toluene*	<0.050	0.050	05/04/2023	ND	1.80	89.8	2.00	1.03		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.73	86.6	2.00	0.124		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.28	88.0	6.00	0.262		
Total BTEx	<0.300	0.300	05/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 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	10600	16.0	05/04/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	230	115	200	0.263	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	216	108	200	0.206	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 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: 05/02/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-033.0-00.3-S (H232155-09)

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	05/04/2023	ND	1.79	89.4	2.00	2.14		
Toluene*	<0.050	0.050	05/04/2023	ND	1.80	89.8	2.00	1.03		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.73	86.6	2.00	0.124		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.28	88.0	6.00	0.262		
Total BTEX	<0.300	0.300	05/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 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	2560	16.0	05/04/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	230	115	200	0.263	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	216	108	200	0.206	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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Analytical Results For:

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

Received: 05/02/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-034.0-00.3-S (H232155-10)

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	05/04/2023	ND	1.79	89.4	2.00	2.14		
Toluene*	<0.050	0.050	05/04/2023	ND	1.80	89.8	2.00	1.03		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.73	86.6	2.00	0.124		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.28	88.0	6.00	0.262		
Total BTEX	<0.300	0.300	05/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 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	3080	16.0	05/04/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	230	115	200	0.263	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	216	108	200	0.206	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-035.0-00.3-S (H232155-11)

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	05/04/2023	ND	1.79	89.4	2.00	2.14		
Toluene*	<0.050	0.050	05/04/2023	ND	1.80	89.8	2.00	1.03		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.73	86.6	2.00	0.124		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.28	88.0	6.00	0.262		
Total BTEX	<0.300	0.300	05/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1880	16.0	05/04/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	230	115	200	0.263	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	216	108	200	0.206	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/02/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-036.0-00.3-S (H232155-12)

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	05/04/2023	ND	1.79	89.4	2.00	2.14		
Toluene*	<0.050	0.050	05/04/2023	ND	1.80	89.8	2.00	1.03		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.73	86.6	2.00	0.124		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.28	88.0	6.00	0.262		
Total BTEX	<0.300	0.300	05/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 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	912	16.0	05/04/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	230	115	200	0.263	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	216	108	200	0.206	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 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: 05/02/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-037.0-00.3-S (H232155-13)

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	05/04/2023	ND	1.79	89.4	2.00	2.14	
Toluene*	<0.050	0.050	05/04/2023	ND	1.80	89.8	2.00	1.03	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.73	86.6	2.00	0.124	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.28	88.0	6.00	0.262	
Total BTEX	<0.300	0.300	05/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 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	1140	16.0	05/04/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	230	115	200	0.263	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	216	108	200	0.206	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 70.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/02/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-038.0-00.3-S (H232155-14)

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	05/04/2023	ND	1.79	89.4	2.00	2.14	
Toluene*	<0.050	0.050	05/04/2023	ND	1.80	89.8	2.00	1.03	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.73	86.6	2.00	0.124	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.28	88.0	6.00	0.262	
Total BTEX	<0.300	0.300	05/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 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	3280	16.0	05/04/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	230	115	200	0.263	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	216	108	200	0.206	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 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: 05/02/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-039.0-00.3-S (H232155-15)

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	05/04/2023	ND	1.79	89.4	2.00	2.14		
Toluene*	<0.050	0.050	05/04/2023	ND	1.80	89.8	2.00	1.03		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.73	86.6	2.00	0.124		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.28	88.0	6.00	0.262		
Total BTEX	<0.300	0.300	05/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 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	1800	16.0	05/04/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	230	115	200	0.263	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	216	108	200	0.206	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/02/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-040.0-00.3-S (H232155-16)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	1.79	89.4	2.00	2.14	
Toluene*	<0.050	0.050	05/04/2023	ND	1.80	89.8	2.00	1.03	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.73	86.6	2.00	0.124	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.28	88.0	6.00	0.262	
Total BTEX	<0.300	0.300	05/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 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	2240	16.0	05/04/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	230	115	200	0.263	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	216	108	200	0.206	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-041.0-00.0-S (H232155-17)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	1.79	89.4	2.00	2.14		
Toluene*	<0.050	0.050	05/04/2023	ND	1.80	89.8	2.00	1.03		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.73	86.6	2.00	0.124		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.28	88.0	6.00	0.262		
Total BTEX	<0.300	0.300	05/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 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	25200	16.0	05/04/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	230	115	200	0.263	
DRO >C10-C28*	29.7	10.0	05/03/2023	ND	216	108	200	0.206	
EXT DRO >C28-C36	12.5	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/02/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-042.0-00.3-S (H232155-18)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	1.79	89.4	2.00	2.14		
Toluene*	<0.050	0.050	05/04/2023	ND	1.80	89.8	2.00	1.03		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.73	86.6	2.00	0.124		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.28	88.0	6.00	0.262		
Total BTEX	<0.300	0.300	05/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 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	3760	16.0	05/04/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	230	115	200	0.263	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	216	108	200	0.206	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 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: 05/02/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-043.0-00.3-S (H232155-19)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	1.79	89.4	2.00	2.14		
Toluene*	<0.050	0.050	05/04/2023	ND	1.80	89.8	2.00	1.03		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.73	86.6	2.00	0.124		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.28	88.0	6.00	0.262		
Total BTEx	<0.300	0.300	05/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 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	2120	16.0	05/04/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	230	115	200	0.263	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	216	108	200	0.206	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 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:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-044.0-00.0-S (H232155-20)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	1.79	89.4	2.00	2.14		
Toluene*	<0.050	0.050	05/04/2023	ND	1.80	89.8	2.00	1.03		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.73	86.6	2.00	0.124		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.28	88.0	6.00	0.262		
Total BTEX	<0.300	0.300	05/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 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	640	16.0	05/04/2023	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	05/03/2023	ND	230	115	200	0.263	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	216	108	200	0.206	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 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:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-045.0-00.0-S (H232155-21)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	1.79	89.4	2.00	2.14		
Toluene*	<0.050	0.050	05/04/2023	ND	1.80	89.8	2.00	1.03		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.73	86.6	2.00	0.124		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.28	88.0	6.00	0.262		
Total BTEX	<0.300	0.300	05/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 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	15000	16.0	05/04/2023	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	05/03/2023	ND	230	115	200	0.263	
DRO >C10-C28*	189	10.0	05/03/2023	ND	216	108	200	0.206	
EXT DRO >C28-C36	94.8	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 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: 05/02/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-046.0-00.3-S (H232155-22)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	1.79	89.4	2.00	2.14	
Toluene*	<0.050	0.050	05/04/2023	ND	1.80	89.8	2.00	1.03	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.73	86.6	2.00	0.124	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.28	88.0	6.00	0.262	
Total BTEX	<0.300	0.300	05/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 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	1550	16.0	05/04/2023	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	05/03/2023	ND	230	115	200	0.263	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	216	108	200	0.206	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/02/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-047.0-00.3-S (H232155-23)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	1.79	89.4	2.00	2.14	
Toluene*	<0.050	0.050	05/04/2023	ND	1.80	89.8	2.00	1.03	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.73	86.6	2.00	0.124	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.28	88.0	6.00	0.262	
Total BTEX	<0.300	0.300	05/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 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	2280	16.0	05/04/2023	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	05/03/2023	ND	194	97.1	200	3.67	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	192	96.1	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-048.0-00.0-S (H232155-24)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	1.79	89.4	2.00	2.14		
Toluene*	<0.050	0.050	05/04/2023	ND	1.80	89.8	2.00	1.03		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.73	86.6	2.00	0.124		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.28	88.0	6.00	0.262		
Total BTEX	<0.300	0.300	05/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 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	13600	16.0	05/04/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<100	100	05/04/2023	ND	194	97.1	200	3.67	
DRO >C10-C28*	12900	100	05/04/2023	ND	192	96.1	200	5.49	
EXT DRO >C28-C36	<100	100	05/04/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 499 % 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:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-049.0-00.3-S (H232155-25)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	1.79	89.4	2.00	2.14		
Toluene*	<0.050	0.050	05/04/2023	ND	1.80	89.8	2.00	1.03		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.73	86.6	2.00	0.124		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.28	88.0	6.00	0.262		
Total BTEx	<0.300	0.300	05/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 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	256	16.0	05/04/2023	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	05/04/2023	ND	194	97.1	200	3.67	
DRO >C10-C28*	14.0	10.0	05/04/2023	ND	192	96.1	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 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:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-050.0-00.3-S (H232155-26)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	2.03	102	2.00	2.91	
Toluene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	2.36	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.20	110	2.00	2.10	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.41	107	6.00	2.89	
Total BTEX	<0.300	0.300	05/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4080	16.0	05/04/2023	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	05/04/2023	ND	194	97.1	200	3.67	
DRO >C10-C28*	97.8	10.0	05/04/2023	ND	192	96.1	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 83.4 % 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:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-051.0-00.3-S (H232155-27)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	2.03	102	2.00	2.91	
Toluene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	2.36	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.20	110	2.00	2.10	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.41	107	6.00	2.89	
Total BTEX	<0.300	0.300	05/04/2023	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	2480	16.0	05/04/2023	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	05/04/2023	ND	194	97.1	200	3.67	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	192	96.1	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 61.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.2 % 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: 05/02/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-052.0-00.3-S (H232155-28)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	2.03	102	2.00	2.91	
Toluene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	2.36	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.20	110	2.00	2.10	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.41	107	6.00	2.89	
Total BTEX	<0.300	0.300	05/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	1800	16.0	05/04/2023	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	05/04/2023	ND	194	97.1	200	3.67	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	192	96.1	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 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:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-053.0-00.3-S (H232155-29)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	2.03	102	2.00	2.91	
Toluene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	2.36	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.20	110	2.00	2.10	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.41	107	6.00	2.89	
Total BTEX	<0.300	0.300	05/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2240	16.0	05/04/2023	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	05/04/2023	ND	194	97.1	200	3.67	
DRO >C10-C28*	30.7	10.0	05/04/2023	ND	192	96.1	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 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:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-054.0-00.3-S (H232155-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	2.03	102	2.00	2.91		
Toluene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	2.36		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.20	110	2.00	2.10		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.41	107	6.00	2.89		
Total BTEX	<0.300	0.300	05/04/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2040	16.0	05/04/2023	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	05/04/2023	ND	194	97.1	200	3.67		
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	192	96.1	200	5.49		
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND						

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 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:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-055.0-00.3-S (H232155-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	2.03	102	2.00	2.91		
Toluene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	2.36		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.20	110	2.00	2.10		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.41	107	6.00	2.89		
Total BTEX	<0.300	0.300	05/04/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1960	16.0	05/04/2023	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	05/04/2023	ND	194	97.1	200	3.67	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	192	96.1	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 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:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-056.0-00.3-S (H232155-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	2.03	102	2.00	2.91		
Toluene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	2.36		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.20	110	2.00	2.10		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.41	107	6.00	2.89		
Total BTEx	<0.300	0.300	05/04/2023	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	2880	16.0	05/04/2023	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	05/04/2023	ND	194	97.1	200	3.67	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	192	96.1	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 72.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-057.0-00.3-S (H232155-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	2.03	102	2.00	2.91		
Toluene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	2.36		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.20	110	2.00	2.10		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.41	107	6.00	2.89		
Total BTEX	<0.300	0.300	05/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2320	16.0	05/04/2023	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	05/04/2023	ND	194	97.1	200	3.67	
DRO >C10-C28*	2880	10.0	05/04/2023	ND	192	96.1	200	5.49	
EXT DRO >C28-C36	62.8	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-058.0-00.3-S (H232155-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	2.03	102	2.00	2.91		
Toluene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	2.36		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.20	110	2.00	2.10		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.41	107	6.00	2.89		
Total BTEx	<0.300	0.300	05/04/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5200	16.0	05/04/2023	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	05/04/2023	ND	194	97.1	200	3.67	
DRO >C10-C28*	215	10.0	05/04/2023	ND	192	96.1	200	5.49	
EXT DRO >C28-C36	34.1	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-059.0-00.3-S (H232155-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	2.03	102	2.00	2.91		
Toluene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	2.36		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.20	110	2.00	2.10		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.41	107	6.00	2.89		
Total BTEX	<0.300	0.300	05/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11000	16.0	05/04/2023	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	05/04/2023	ND	194	97.1	200	3.67	
DRO >C10-C28*	1650	10.0	05/04/2023	ND	192	96.1	200	5.49	
EXT DRO >C28-C36	82.5	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-060.0-00.3-S (H232155-36)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	2.03	102	2.00	2.91	
Toluene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	2.36	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.20	110	2.00	2.10	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.41	107	6.00	2.89	
Total BTEx	<0.300	0.300	05/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	1310	16.0	05/04/2023	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	05/04/2023	ND	194	97.1	200	3.67	
DRO >C10-C28*	69.2	10.0	05/04/2023	ND	192	96.1	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 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: 05/02/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-061.0-00.3-S (H232155-37)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	2.03	102	2.00	2.91		
Toluene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	2.36		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.20	110	2.00	2.10		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.41	107	6.00	2.89		
Total BTEx	<0.300	0.300	05/04/2023	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	8400	16.0	05/04/2023	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	05/04/2023	ND	194	97.1	200	3.67	
DRO >C10-C28*	128	10.0	05/04/2023	ND	192	96.1	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 71.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 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:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-062.0-00.3-S (H232155-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	2.03	102	2.00	2.91		
Toluene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	2.36		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.20	110	2.00	2.10		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.41	107	6.00	2.89		
Total BTEX	<0.300	0.300	05/04/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4360	16.0	05/04/2023	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	05/04/2023	ND	194	97.1	200	3.67	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	192	96.1	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 67.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-063.0-00.3-S (H232155-39)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	2.03	102	2.00	2.91	
Toluene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	2.36	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.20	110	2.00	2.10	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.41	107	6.00	2.89	
Total BTEX	<0.300	0.300	05/04/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7040	16.0	05/04/2023	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	05/04/2023	ND	194	97.1	200	3.67	
DRO >C10-C28*	160	10.0	05/04/2023	ND	192	96.1	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Analytical Results For:

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

Received:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-064.0-00.3-S (H232155-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	2.03	102	2.00	2.91		
Toluene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	2.36		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.20	110	2.00	2.10		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.41	107	6.00	2.89		
Total BTEX	<0.300	0.300	05/04/2023	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	9400	16.0	05/04/2023	ND	416	104	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*	<10.0	10.0	05/04/2023	ND	194	97.1	200	3.67	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	192	96.1	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 66.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.4 % 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:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-065.0-00.3-S (H232155-41)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	2.03	102	2.00	2.91	
Toluene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	2.36	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.20	110	2.00	2.10	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.41	107	6.00	2.89	
Total BTEX	<0.300	0.300	05/04/2023	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	2280	16.0	05/04/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	194	97.1	200	3.67	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	192	96.1	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 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: 05/02/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-066.0-00.3-S (H232155-42)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	2.03	102	2.00	2.91	
Toluene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	2.36	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.20	110	2.00	2.10	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.41	107	6.00	2.89	
Total BTEX	<0.300	0.300	05/04/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2440	16.0	05/04/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	194	97.1	200	3.67	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	192	96.1	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 68.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 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: 05/02/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-067.0-00.3-S (H232155-43)

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	05/04/2023	ND	2.03	102	2.00	2.91	
Toluene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	2.36	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.20	110	2.00	2.10	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.41	107	6.00	2.89	
Total BTX	<0.300	0.300	05/04/2023	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	480	16.0	05/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	230	115	200	9.68	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	215	107	200	0.157	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 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:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-068.0-00.3-S (H232155-44)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	2.03	102	2.00	2.91		
Toluene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	2.36		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.20	110	2.00	2.10		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.41	107	6.00	2.89		
Total BTEX	<0.300	0.300	05/04/2023	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	848	16.0	05/04/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	230	115	200	9.68	
DRO >C10-C28*	15.3	10.0	05/04/2023	ND	215	107	200	0.157	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Analytical Results For:

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

Received:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-069.0-00.3-S (H232155-45)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	2.03	102	2.00	2.91		
Toluene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	2.36		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.20	110	2.00	2.10		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.41	107	6.00	2.89		
Total BTEX	<0.300	0.300	05/04/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2320	16.0	05/04/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	230	115	200	9.68	
DRO >C10-C28*	91.4	10.0	05/04/2023	ND	215	107	200	0.157	
EXT DRO >C28-C36	10.5	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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: 05/02/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-070.0-00.3-S (H232155-46)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	1.99	99.3	2.00	10.1		
Toluene*	<0.050	0.050	05/04/2023	ND	2.03	101	2.00	12.9		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.12	106	2.00	11.2		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.08	101	6.00	9.71		
Total BTEX	<0.300	0.300	05/04/2023	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	768	16.0	05/04/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	230	115	200	9.68	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	215	107	200	0.157	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 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:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-071.0-00.3-S (H232155-47)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	1.99	99.3	2.00	10.1		
Toluene*	<0.050	0.050	05/04/2023	ND	2.03	101	2.00	12.9		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.12	106	2.00	11.2		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.08	101	6.00	9.71		
Total BTEX	<0.300	0.300	05/04/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2720	16.0	05/04/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	230	115	200	9.68	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	215	107	200	0.157	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 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:	05/02/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-072.0-00.3-S (H232155-48)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	1.99	99.3	2.00	10.1		
Toluene*	<0.050	0.050	05/04/2023	ND	2.03	101	2.00	12.9		
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.12	106	2.00	11.2		
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.08	101	6.00	9.71		
Total BTEX	<0.300	0.300	05/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	1100	16.0	05/04/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	230	115	200	9.68	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	215	107	200	0.157	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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

May 08, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SLWMS COLTRANE FRAC BOOSTER

Enclosed are the results of analyses for samples received by the laboratory on 05/03/23 15:45.

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:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-073.0-00.3-S (H232199-01)

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	05/05/2023	ND	2.07	103	2.00	0.795		
Toluene*	<0.050	0.050	05/05/2023	ND	2.15	107	2.00	2.82		
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.03	102	2.00	0.0957		
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.36	106	6.00	1.77		
Total BTEX	<0.300	0.300	05/05/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2240	16.0	05/05/2023	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	05/04/2023	ND	182	90.8	200	1.44	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	174	87.0	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 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: 05/03/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/03/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-074.0-00.3-S (H232199-02)

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	05/05/2023	ND	2.07	103	2.00	0.795	
Toluene*	<0.050	0.050	05/05/2023	ND	2.15	107	2.00	2.82	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.03	102	2.00	0.0957	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.36	106	6.00	1.77	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/05/2023	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	05/04/2023	ND	172	86.1	200	1.06	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	166	83.2	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/03/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/03/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-075.0-00.3-S (H232199-03)

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	05/05/2023	ND	2.07	103	2.00	0.795	
Toluene*	<0.050	0.050	05/05/2023	ND	2.15	107	2.00	2.82	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.03	102	2.00	0.0957	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.36	106	6.00	1.77	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1500	16.0	05/05/2023	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	05/04/2023	ND	172	86.1	200	1.06	
DRO >C10-C28*	1440	10.0	05/04/2023	ND	166	83.2	200	1.23	
EXT DRO >C28-C36	286	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-076.0-00.3-S (H232199-04)

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	05/05/2023	ND	2.07	103	2.00	0.795	
Toluene*	<0.050	0.050	05/05/2023	ND	2.15	107	2.00	2.82	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.03	102	2.00	0.0957	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.36	106	6.00	1.77	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	05/05/2023	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	05/04/2023	ND	172	86.1	200	1.06	
DRO >C10-C28*	464	10.0	05/04/2023	ND	166	83.2	200	1.23	
EXT DRO >C28-C36	22.1	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 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:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-077.0-00.3-S (H232199-05)

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	05/05/2023	ND	2.07	103	2.00	0.795		
Toluene*	<0.050	0.050	05/05/2023	ND	2.15	107	2.00	2.82		
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.03	102	2.00	0.0957		
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.36	106	6.00	1.77		
Total BTEx	<0.300	0.300	05/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	336	16.0	05/05/2023	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	05/04/2023	ND	172	86.1	200	1.06	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	166	83.2	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 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:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-078.0-00.3-S (H232199-06)

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	05/05/2023	ND	2.07	103	2.00	0.795		
Toluene*	<0.050	0.050	05/05/2023	ND	2.15	107	2.00	2.82		
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.03	102	2.00	0.0957		
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.36	106	6.00	1.77		
Total BTEX	<0.300	0.300	05/05/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3080	16.0	05/05/2023	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	05/04/2023	ND	172	86.1	200	1.06		
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	166	83.2	200	1.23		
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND						

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 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: 05/03/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/03/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-079.0-00.3-S (H232199-07)

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	05/05/2023	ND	2.07	103	2.00	0.795	
Toluene*	<0.050	0.050	05/05/2023	ND	2.15	107	2.00	2.82	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.03	102	2.00	0.0957	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.36	106	6.00	1.77	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1230	16.0	05/05/2023	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	05/04/2023	ND	172	86.1	200	1.06	
DRO >C10-C28*	371	10.0	05/04/2023	ND	166	83.2	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 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:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-080.0-00.3-S (H232199-08)

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	05/05/2023	ND	2.07	103	2.00	0.795		
Toluene*	<0.050	0.050	05/05/2023	ND	2.15	107	2.00	2.82		
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.03	102	2.00	0.0957		
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.36	106	6.00	1.77		
Total BTEX	<0.300	0.300	05/05/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3480	16.0	05/05/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	172	86.1	200	1.06	
DRO >C10-C28*	2310	10.0	05/04/2023	ND	166	83.2	200	1.23	
EXT DRO >C28-C36	314	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 159 % 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: 05/03/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/03/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-081.0-00.3-S (H232199-09)

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	05/05/2023	ND	2.07	103	2.00	0.795	
Toluene*	<0.050	0.050	05/05/2023	ND	2.15	107	2.00	2.82	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.03	102	2.00	0.0957	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.36	106	6.00	1.77	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6720	16.0	05/05/2023	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	05/04/2023	ND	172	86.1	200	1.06	
DRO >C10-C28*	113	10.0	05/04/2023	ND	166	83.2	200	1.23	
EXT DRO >C28-C36	92.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/03/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/03/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-082.0-00.3-S (H232199-10)

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	05/05/2023	ND	2.07	103	2.00	0.795		
Toluene*	<0.050	0.050	05/05/2023	ND	2.15	107	2.00	2.82		
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.03	102	2.00	0.0957		
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.36	106	6.00	1.77		
Total BTEX	<0.300	0.300	05/05/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	05/05/2023	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	05/04/2023	ND	172	86.1	200	1.06	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	166	83.2	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Analytical Results For:

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

Received: 05/03/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/03/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-083.0-00.3-S (H232199-11)

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	05/05/2023	ND	2.07	103	2.00	0.795	
Toluene*	<0.050	0.050	05/05/2023	ND	2.15	107	2.00	2.82	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.03	102	2.00	0.0957	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.36	106	6.00	1.77	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/05/2023	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	05/04/2023	ND	172	86.1	200	1.06	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	166	83.2	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 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: 05/03/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/03/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-084.0-00.3-S (H232199-12)

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	05/05/2023	ND	2.07	103	2.00	0.795	
Toluene*	<0.050	0.050	05/05/2023	ND	2.15	107	2.00	2.82	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.03	102	2.00	0.0957	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.36	106	6.00	1.77	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	05/05/2023	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	05/04/2023	ND	172	86.1	200	1.06	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	166	83.2	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 49.1-148

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Analytical Results For:

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

Received: 05/03/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/03/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-085.0-00.3-S (H232199-13)

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	05/05/2023	ND	2.07	103	2.00	0.795	
Toluene*	<0.050	0.050	05/05/2023	ND	2.15	107	2.00	2.82	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.03	102	2.00	0.0957	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.36	106	6.00	1.77	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2480	16.0	05/05/2023	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	05/04/2023	ND	172	86.1	200	1.06	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	166	83.2	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 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:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-086.0-00.3-S (H232199-14)

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	05/05/2023	ND	2.07	103	2.00	0.795		
Toluene*	<0.050	0.050	05/05/2023	ND	2.15	107	2.00	2.82		
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.03	102	2.00	0.0957		
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.36	106	6.00	1.77		
Total BTX	<0.300	0.300	05/05/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1740	16.0	05/05/2023	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	05/04/2023	ND	172	86.1	200	1.06	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	166	83.2	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/03/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/03/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-087.0-00.3-S (H232199-15)

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	05/05/2023	ND	2.07	103	2.00	0.795		
Toluene*	<0.050	0.050	05/05/2023	ND	2.15	107	2.00	2.82		
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.03	102	2.00	0.0957		
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.36	106	6.00	1.77		
Total BTEx	<0.300	0.300	05/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	2480	16.0	05/05/2023	ND	416	104	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*	<10.0	10.0	05/04/2023	ND	172	86.1	200	1.06	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	166	83.2	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-088.0-00.3-S (H232199-16)

BTEx 8021B			mg/kg							
			Analyzed By: JH/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/05/2023	ND	2.07	103	2.00	0.795		
Toluene*	<0.050	0.050	05/05/2023	ND	2.15	107	2.00	2.82		
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.03	102	2.00	0.0957		
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.36	106	6.00	1.77		
Total BTEX	<0.300	0.300	05/05/2023	ND						

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

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1420	16.0	05/05/2023	ND	416	104	400	0.00		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	172	86.1	200	1.06		
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	166	83.2	200	1.23		
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND						

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 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: 05/03/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/03/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-089.0-00.3-S (H232199-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	2.02	101	2.00	8.55		
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	100	2.00	6.73		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.15	108	2.00	5.11		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.28	105	6.00	4.66		
Total BTEX	<0.300	0.300	05/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	05/05/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	172	86.1	200	1.06	
DRO >C10-C28*	225	10.0	05/04/2023	ND	166	83.2	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 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: 05/03/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/03/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-090.0-00.3-S (H232199-18)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	2.02	101	2.00	8.55	
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	100	2.00	6.73	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.15	108	2.00	5.11	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.28	105	6.00	4.66	
Total BTEX	<0.300	0.300	05/06/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	05/05/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	172	86.1	200	1.06	
DRO >C10-C28*	70.4	10.0	05/04/2023	ND	166	83.2	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Analytical Results For:

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

Received:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-091.0-00.3-S (H232199-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	2.02	101	2.00	8.55		
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	100	2.00	6.73		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.15	108	2.00	5.11		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.28	105	6.00	4.66		
Total BTEx	<0.300	0.300	05/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1340	16.0	05/05/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	172	86.1	200	1.06	
DRO >C10-C28*	32.9	10.0	05/04/2023	ND	166	83.2	200	1.23	
EXT DRO >C28-C36	19.9	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 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:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-092.0-00.3-S (H232199-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	2.02	101	2.00	8.55		
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	100	2.00	6.73		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.15	108	2.00	5.11		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.28	105	6.00	4.66		
Total BTEX	<0.300	0.300	05/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	976	16.0	05/05/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	172	86.1	200	1.06	
DRO >C10-C28*	1420	10.0	05/04/2023	ND	166	83.2	200	1.23	
EXT DRO >C28-C36	383	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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

Received: 05/03/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/03/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-093.0-00.3-S (H232199-21)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	2.02	101	2.00	8.55	
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	100	2.00	6.73	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.15	108	2.00	5.11	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.28	105	6.00	4.66	
Total BTEX	<0.300	0.300	05/06/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	05/05/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	172	86.1	200	1.06	
DRO >C10-C28*	164	10.0	05/04/2023	ND	166	83.2	200	1.23	
EXT DRO >C28-C36	48.7	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 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: 05/03/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/03/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-094.0-00.3-S (H232199-22)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	2.02	101	2.00	8.55	
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	100	2.00	6.73	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.15	108	2.00	5.11	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.28	105	6.00	4.66	
Total BTEX	<0.300	0.300	05/06/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1500	16.0	05/05/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	184	92.1	200	1.31	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	170	84.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/03/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/03/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-095.0-00.3-S (H232199-23)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	2.02	101	2.00	8.55	
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	100	2.00	6.73	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.15	108	2.00	5.11	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.28	105	6.00	4.66	
Total BTEX	<0.300	0.300	05/06/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3880	16.0	05/05/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	184	92.1	200	1.31	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	170	84.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 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: 05/03/2023
 Reported: 05/08/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/03/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CF-096.0-00.3-S (H232199-24)

BTEx 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	2.02	101	2.00	8.55	
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	100	2.00	6.73	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.15	108	2.00	5.11	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.28	105	6.00	4.66	
Total BTEX	<0.300	0.300	05/06/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/05/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	184	92.1	200	1.31	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	170	84.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

Page 27 of 29

Page 28 of 29

Page 29 of 29



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

May 09, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SLWMS COLTRANE FRAC BOOSTER

Enclosed are the results of analyses for samples received by the laboratory on 05/04/23 15:50.

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 fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

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:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-097.0-00.3-S (H232221-01)

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	05/06/2023	ND	1.94	97.2	2.00	4.91	
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	101	2.00	3.14	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.94	97.2	2.00	3.24	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.09	101	6.00	2.10	
Total BTEx	<0.300	0.300	05/06/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	848	16.0	05/05/2023	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	05/08/2023	ND	173	86.6	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/08/2023	ND	191	95.4	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 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:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-098.0-00.3-S (H232221-02)

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	05/06/2023	ND	1.94	97.2	2.00	4.91		
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	101	2.00	3.14		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.94	97.2	2.00	3.24		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.09	101	6.00	2.10		
Total BTEX	<0.300	0.300	05/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	05/05/2023	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	05/05/2023	ND	178	88.9	200	10.4	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	180	90.2	200	6.08	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 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: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-099.0-00.3-S (H232221-03)

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	05/06/2023	ND	1.94	97.2	2.00	4.91	
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	101	2.00	3.14	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.94	97.2	2.00	3.24	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.09	101	6.00	2.10	
Total BTEX	<0.300	0.300	05/06/2023	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	3360	16.0	05/05/2023	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	05/08/2023	ND	173	86.6	200	1.79	
DRO >C10-C28*	2390	10.0	05/08/2023	ND	191	95.4	200	2.81	
EXT DRO >C28-C36	12.8	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 74.4 % 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:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-100.0-00.3-S (H232221-04)

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	05/06/2023	ND	1.94	97.2	2.00	4.91		
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	101	2.00	3.14		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.94	97.2	2.00	3.24		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.09	101	6.00	2.10		
Total BTEX	<0.300	0.300	05/06/2023	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	2320	16.0	05/05/2023	ND	400	100	400	3.92	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	178	88.9	200	10.4	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	180	90.2	200	6.08	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-101.0-00.3-S (H232221-05)

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	05/06/2023	ND	1.94	97.2	2.00	4.91		
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	101	2.00	3.14		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.94	97.2	2.00	3.24		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.09	101	6.00	2.10		
Total BTEX	<0.300	0.300	05/06/2023	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	2440	16.0	05/05/2023	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	05/05/2023	ND	178	88.9	200	10.4	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	180	90.2	200	6.08	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 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: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-102.0-00.3-S (H232221-06)

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	05/06/2023	ND	1.94	97.2	2.00	4.91	
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	101	2.00	3.14	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.94	97.2	2.00	3.24	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.09	101	6.00	2.10	
Total BTEX	<0.300	0.300	05/06/2023	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	2560	16.0	05/05/2023	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	05/05/2023	ND	178	88.9	200	10.4	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	180	90.2	200	6.08	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-103.0-00.3-S (H232221-07)

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	05/06/2023	ND	1.94	97.2	2.00	4.91		
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	101	2.00	3.14		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.94	97.2	2.00	3.24		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.09	101	6.00	2.10		
Total BTEX	<0.300	0.300	05/06/2023	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	1380	16.0	05/05/2023	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	05/05/2023	ND	178	88.9	200	10.4	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	180	90.2	200	6.08	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-104.0-00.3-S (H232221-08)

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	05/06/2023	ND	1.90	94.9	2.00	9.83	
Toluene*	<0.050	0.050	05/06/2023	ND	1.92	96.1	2.00	11.5	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.89	94.5	2.00	8.20	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	5.89	98.2	6.00	7.01	
Total BTEX	<0.300	0.300	05/06/2023	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	432	16.0	05/05/2023	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	05/05/2023	ND	178	88.9	200	10.4	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	180	90.2	200	6.08	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 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: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-105.0-00.3-S (H232221-09)

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	05/06/2023	ND	1.90	94.9	2.00	9.83		
Toluene*	<0.050	0.050	05/06/2023	ND	1.92	96.1	2.00	11.5		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.89	94.5	2.00	8.20		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	5.89	98.2	6.00	7.01		
Total BTEX	<0.300	0.300	05/06/2023	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	1550	16.0	05/05/2023	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	05/05/2023	ND	178	88.9	200	10.4	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	180	90.2	200	6.08	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-106.0-00.3-S (H232221-10)

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	05/06/2023	ND	1.90	94.9	2.00	9.83	
Toluene*	<0.050	0.050	05/06/2023	ND	1.92	96.1	2.00	11.5	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.89	94.5	2.00	8.20	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	5.89	98.2	6.00	7.01	
Total BTEX	<0.300	0.300	05/06/2023	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	1180	16.0	05/05/2023	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	05/05/2023	ND	178	88.9	200	10.4	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	180	90.2	200	6.08	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-107.0-00.3-S (H232221-11)

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	05/06/2023	ND	1.90	94.9	2.00	9.83		
Toluene*	<0.050	0.050	05/06/2023	ND	1.92	96.1	2.00	11.5		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.89	94.5	2.00	8.20		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	5.89	98.2	6.00	7.01		
Total BTEX	<0.300	0.300	05/06/2023	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	1070	16.0	05/05/2023	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	05/08/2023	ND	173	86.6	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/08/2023	ND	191	95.4	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-108.0-00.3-S (H232221-12)

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	05/06/2023	ND	1.90	94.9	2.00	9.83	
Toluene*	<0.050	0.050	05/06/2023	ND	1.92	96.1	2.00	11.5	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.89	94.5	2.00	8.20	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	5.89	98.2	6.00	7.01	
Total BTEX	<0.300	0.300	05/06/2023	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	304	16.0	05/05/2023	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	05/08/2023	ND	173	86.6	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/08/2023	ND	191	95.4	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 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: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-109.0-00.3-S (H232221-13)

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	05/06/2023	ND	1.90	94.9	2.00	9.83	
Toluene*	<0.050	0.050	05/06/2023	ND	1.92	96.1	2.00	11.5	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.89	94.5	2.00	8.20	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	5.89	98.2	6.00	7.01	
Total BTEX	<0.300	0.300	05/06/2023	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	688	16.0	05/05/2023	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	05/05/2023	ND	178	88.9	200	10.4	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	180	90.2	200	6.08	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 73.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-110.0-00.3-S (H232221-14)

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	05/06/2023	ND	1.90	94.9	2.00	9.83	
Toluene*	<0.050	0.050	05/06/2023	ND	1.92	96.1	2.00	11.5	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.89	94.5	2.00	8.20	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	5.89	98.2	6.00	7.01	
Total BTEX	<0.300	0.300	05/06/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	05/05/2023	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	05/08/2023	ND	173	86.6	200	1.79	
DRO >C10-C28*	<10.0	10.0	05/08/2023	ND	191	95.4	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 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: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-111.0-00.3-S (H232221-15)

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	05/06/2023	ND	1.90	94.9	2.00	9.83		
Toluene*	<0.050	0.050	05/06/2023	ND	1.92	96.1	2.00	11.5		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.89	94.5	2.00	8.20		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	5.89	98.2	6.00	7.01		
Total BTEX	<0.300	0.300	05/06/2023	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	928	16.0	05/05/2023	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	05/05/2023	ND	178	88.9	200	10.4	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	180	90.2	200	6.08	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-112.0-00.3-S (H232221-16)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	1.90	94.9	2.00	9.83	
Toluene*	<0.050	0.050	05/06/2023	ND	1.92	96.1	2.00	11.5	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.89	94.5	2.00	8.20	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	5.89	98.2	6.00	7.01	
Total BTEX	<0.300	0.300	05/06/2023	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	3400	16.0	05/05/2023	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	05/05/2023	ND	177	88.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	166	82.9	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 90.9 % 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: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-113.0-00.3-S (H232221-17)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	1.90	94.9	2.00	9.83	
Toluene*	<0.050	0.050	05/06/2023	ND	1.92	96.1	2.00	11.5	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.89	94.5	2.00	8.20	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	5.89	98.2	6.00	7.01	
Total BTEX	<0.300	0.300	05/06/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	05/05/2023	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	05/05/2023	ND	177	88.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	166	82.9	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-114.0-00.3-S (H232221-18)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	1.90	94.9	2.00	9.83		
Toluene*	<0.050	0.050	05/06/2023	ND	1.92	96.1	2.00	11.5		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.89	94.5	2.00	8.20		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	5.89	98.2	6.00	7.01		
Total BTEX	<0.300	0.300	05/06/2023	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	1420	16.0	05/05/2023	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	05/05/2023	ND	177	88.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	166	82.9	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-115.0-00.3-S (H232221-19)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	1.90	94.9	2.00	9.83	
Toluene*	<0.050	0.050	05/06/2023	ND	1.92	96.1	2.00	11.5	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.89	94.5	2.00	8.20	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	5.89	98.2	6.00	7.01	
Total BTEX	<0.300	0.300	05/06/2023	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	2680	16.0	05/05/2023	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	05/05/2023	ND	177	88.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	166	82.9	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-116.0-00.3-S (H232221-20)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	1.90	94.9	2.00	9.83		
Toluene*	<0.050	0.050	05/06/2023	ND	1.92	96.1	2.00	11.5		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.89	94.5	2.00	8.20		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	5.89	98.2	6.00	7.01		
Total BTEX	<0.300	0.300	05/06/2023	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	1840	16.0	05/05/2023	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	05/05/2023	ND	177	88.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	166	82.9	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-117.0-00.3-S (H232221-21)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	1.90	94.9	2.00	9.83	
Toluene*	<0.050	0.050	05/06/2023	ND	1.92	96.1	2.00	11.5	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	1.89	94.5	2.00	8.20	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	5.89	98.2	6.00	7.01	
Total BTEX	<0.300	0.300	05/06/2023	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	560	16.0	05/05/2023	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	05/05/2023	ND	177	88.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	166	82.9	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 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: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-118.0-00.3-S (H232221-22)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2023	ND	1.90	94.9	2.00	9.83	
Toluene*	<0.050	0.050	05/07/2023	ND	1.92	96.1	2.00	11.5	
Ethylbenzene*	<0.050	0.050	05/07/2023	ND	1.89	94.5	2.00	8.20	
Total Xylenes*	<0.150	0.150	05/07/2023	ND	5.89	98.2	6.00	7.01	
Total BTEX	<0.300	0.300	05/07/2023	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	272	16.0	05/05/2023	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	05/05/2023	ND	177	88.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	166	82.9	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-119.0-00.3-S (H232221-23)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2023	ND	1.90	94.9	2.00	9.83	
Toluene*	<0.050	0.050	05/07/2023	ND	1.92	96.1	2.00	11.5	
Ethylbenzene*	<0.050	0.050	05/07/2023	ND	1.89	94.5	2.00	8.20	
Total Xylenes*	<0.150	0.150	05/07/2023	ND	5.89	98.2	6.00	7.01	
Total BTEX	<0.300	0.300	05/07/2023	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	96.0	16.0	05/05/2023	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	05/05/2023	ND	177	88.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	166	82.9	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-120.0-00.3-S (H232221-24)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2023	ND	1.90	94.9	2.00	9.83	
Toluene*	<0.050	0.050	05/07/2023	ND	1.92	96.1	2.00	11.5	
Ethylbenzene*	<0.050	0.050	05/07/2023	ND	1.89	94.5	2.00	8.20	
Total Xylenes*	<0.150	0.150	05/07/2023	ND	5.89	98.2	6.00	7.01	
Total BTEX	<0.300	0.300	05/07/2023	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	112	16.0	05/05/2023	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	177	88.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	166	82.9	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-121.0-00.3-S (H232221-25)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2023	ND	1.90	94.9	2.00	9.83	
Toluene*	<0.050	0.050	05/07/2023	ND	1.92	96.1	2.00	11.5	
Ethylbenzene*	<0.050	0.050	05/07/2023	ND	1.89	94.5	2.00	8.20	
Total Xylenes*	<0.150	0.150	05/07/2023	ND	5.89	98.2	6.00	7.01	
Total BTEX	<0.300	0.300	05/07/2023	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	240	16.0	05/05/2023	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	177	88.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	166	82.9	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-122.0-00.3-S (H232221-26)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/07/2023	ND	1.90	94.9	2.00	9.83		
Toluene*	<0.050	0.050	05/07/2023	ND	1.92	96.1	2.00	11.5		
Ethylbenzene*	<0.050	0.050	05/07/2023	ND	1.89	94.5	2.00	8.20		
Total Xylenes*	<0.150	0.150	05/07/2023	ND	5.89	98.2	6.00	7.01		
Total BTEX	<0.300	0.300	05/07/2023	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	800	16.0	05/05/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	177	88.5	200	1.77	
DRO >C10-C28*	11.2	10.0	05/05/2023	ND	166	82.9	200	5.97	
EXT DRO >C28-C36	23.1	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-123.0-00.3-S (H232221-27)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/07/2023	ND	1.90	94.9	2.00	9.83		
Toluene*	<0.050	0.050	05/07/2023	ND	1.92	96.1	2.00	11.5		
Ethylbenzene*	<0.050	0.050	05/07/2023	ND	1.89	94.5	2.00	8.20		
Total Xylenes*	<0.150	0.150	05/07/2023	ND	5.89	98.2	6.00	7.01		
Total BTEX	<0.300	0.300	05/07/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	05/05/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	177	88.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	166	82.9	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 96.7 % 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:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-124.0-00.3-S (H232221-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	2.21	111	2.00	2.28		
Toluene*	<0.050	0.050	05/06/2023	ND	2.19	109	2.00	2.41		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.14	107	2.00	2.02		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.44	107	6.00	1.20		
Total BTEX	<0.300	0.300	05/06/2023	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	336	16.0	05/05/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	177	88.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	166	82.9	200	5.97	
EXT DRO >C28-C36	11.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 94.9 % 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:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-125.0-00.3-S (H232221-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	2.21	111	2.00	2.28	
Toluene*	<0.050	0.050	05/06/2023	ND	2.19	109	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.14	107	2.00	2.02	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.44	107	6.00	1.20	
Total BTEX	<0.300	0.300	05/06/2023	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	480	16.0	05/05/2023	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	177	88.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	166	82.9	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-126.0-00.3-S (H232221-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	2.21	111	2.00	2.28		
Toluene*	<0.050	0.050	05/06/2023	ND	2.19	109	2.00	2.41		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.14	107	2.00	2.02		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.44	107	6.00	1.20		
Total BTEX	<0.300	0.300	05/06/2023	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	05/05/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	177	88.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	166	82.9	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-127.0-00.3-S (H232221-31)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	2.21	111	2.00	2.28	
Toluene*	<0.050	0.050	05/06/2023	ND	2.19	109	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.14	107	2.00	2.02	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.44	107	6.00	1.20	
Total BTEX	<0.300	0.300	05/06/2023	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	224	16.0	05/05/2023	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	177	88.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	166	82.9	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-128.0-00.3-S (H232221-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	2.21	111	2.00	2.28		
Toluene*	<0.050	0.050	05/06/2023	ND	2.19	109	2.00	2.41		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.14	107	2.00	2.02		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.44	107	6.00	1.20		
Total BTEX	<0.300	0.300	05/06/2023	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	816	16.0	05/05/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	177	88.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	166	82.9	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-129.0-00.3-S (H232221-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	2.21	111	2.00	2.28		
Toluene*	<0.050	0.050	05/06/2023	ND	2.19	109	2.00	2.41		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.14	107	2.00	2.02		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.44	107	6.00	1.20		
Total BTEx	<0.300	0.300	05/06/2023	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	496	16.0	05/05/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	177	88.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	166	82.9	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 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: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-130.0-00.3-S (H232221-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	2.21	111	2.00	2.28		
Toluene*	<0.050	0.050	05/06/2023	ND	2.19	109	2.00	2.41		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.14	107	2.00	2.02		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.44	107	6.00	1.20		
Total BTEx	<0.300	0.300	05/06/2023	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	512	16.0	05/05/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	177	88.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	166	82.9	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-131.0-00.3-S (H232221-35)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	2.21	111	2.00	2.28	
Toluene*	<0.050	0.050	05/06/2023	ND	2.19	109	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.14	107	2.00	2.02	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.44	107	6.00	1.20	
Total BTEx	<0.300	0.300	05/06/2023	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	480	16.0	05/05/2023	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	177	88.5	200	1.77	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	166	82.9	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-132.0-00.3-S (H232221-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	2.21	111	2.00	2.28		
Toluene*	<0.050	0.050	05/06/2023	ND	2.19	109	2.00	2.41		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.14	107	2.00	2.02		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.44	107	6.00	1.20		
Total BTEX	<0.300	0.300	05/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	864	16.0	05/05/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	172	85.8	200	6.72	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-133.0-00.3-S (H232221-37)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	2.21	111	2.00	2.28		
Toluene*	<0.050	0.050	05/06/2023	ND	2.19	109	2.00	2.41		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.14	107	2.00	2.02		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.44	107	6.00	1.20		
Total BTEX	<0.300	0.300	05/06/2023	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	2080	16.0	05/05/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	172	85.8	200	6.72	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 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:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-134.0-00.3-S (H232221-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	2.21	111	2.00	2.28		
Toluene*	<0.050	0.050	05/06/2023	ND	2.19	109	2.00	2.41		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.14	107	2.00	2.02		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.44	107	6.00	1.20		
Total BTEX	<0.300	0.300	05/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1640	16.0	05/05/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	172	85.8	200	6.72	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-135.0-00.3-S (H232221-39)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	2.21	111	2.00	2.28	
Toluene*	<0.050	0.050	05/06/2023	ND	2.19	109	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.14	107	2.00	2.02	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.44	107	6.00	1.20	
Total BTEX	<0.300	0.300	05/06/2023	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	1360	16.0	05/05/2023	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	172	85.8	200	6.72	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-136.0-00.3-S (H232221-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	2.21	111	2.00	2.28		
Toluene*	<0.050	0.050	05/06/2023	ND	2.19	109	2.00	2.41		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.14	107	2.00	2.02		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.44	107	6.00	1.20		
Total BTEX	<0.300	0.300	05/06/2023	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	64.0	16.0	05/05/2023	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	172	85.8	200	6.72	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-137.0-00.3-S (H232221-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	2.21	111	2.00	2.28		
Toluene*	<0.050	0.050	05/06/2023	ND	2.19	109	2.00	2.41		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.14	107	2.00	2.02		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.44	107	6.00	1.20		
Total BTEx	<0.300	0.300	05/06/2023	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	1920	16.0	05/05/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	172	85.8	200	6.72	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-138.0-00.3-S (H232221-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	2.21	111	2.00	2.28		
Toluene*	<0.050	0.050	05/06/2023	ND	2.19	109	2.00	2.41		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.14	107	2.00	2.02		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.44	107	6.00	1.20		
Total BTEX	<0.300	0.300	05/06/2023	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	1800	16.0	05/05/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	172	85.8	200	6.72	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-139.0-00.3-S (H232221-43)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	2.21	111	2.00	2.28		
Toluene*	<0.050	0.050	05/06/2023	ND	2.19	109	2.00	2.41		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.14	107	2.00	2.02		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.44	107	6.00	1.20		
Total BTEx	<0.300	0.300	05/06/2023	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	128	16.0	05/05/2023	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	172	85.8	200	6.72	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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

Received: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-140.0-00.3-S (H232221-44)

BTEX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	2.21	111	2.00	2.28	
Toluene*	<0.050	0.050	05/06/2023	ND	2.19	109	2.00	2.41	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.14	107	2.00	2.02	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.44	107	6.00	1.20	
Total BTEX	<0.300	0.300	05/06/2023	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	288	16.0	05/08/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	172	85.8	200	6.72	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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

Received: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-141.0-00.3-S (H232221-45)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	2.21	111	2.00	2.28		
Toluene*	<0.050	0.050	05/06/2023	ND	2.19	109	2.00	2.41		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.14	107	2.00	2.02		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.44	107	6.00	1.20		
Total BTEX	<0.300	0.300	05/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1060	16.0	05/08/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	172	85.8	200	6.72	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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: 05/04/2023
 Reported: 05/09/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/04/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-142.0-00.3-S (H232221-46)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	2.21	111	2.00	2.28		
Toluene*	<0.050	0.050	05/06/2023	ND	2.19	109	2.00	2.41		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.14	107	2.00	2.02		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.44	107	6.00	1.20		
Total BTEx	<0.300	0.300	05/06/2023	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	1360	16.0	05/08/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	172	85.8	200	6.72	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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

Received:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-143.0-00.3-S (H232221-47)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	2.21	111	2.00	2.28		
Toluene*	<0.050	0.050	05/06/2023	ND	2.19	109	2.00	2.41		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.14	107	2.00	2.02		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.44	107	6.00	1.20		
Total BTEX	<0.300	0.300	05/06/2023	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	2360	16.0	05/08/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	172	85.8	200	6.72	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-144.0-00.3-S (H232221-48)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	2.15	108	2.00	4.72	
Toluene*	<0.050	0.050	05/06/2023	ND	2.13	107	2.00	4.54	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.12	106	2.00	3.17	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.50	108	6.00	1.54	
Total BTEX	<0.300	0.300	05/06/2023	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	10300	16.0	05/08/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	186	93.2	200	2.46	
DRO >C10-C28*	297	10.0	05/05/2023	ND	172	85.8	200	6.72	
EXT DRO >C28-C36	39.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
A-01	Ending CCV failed high. No target compounds detected in samples.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager

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Page 53 of 55

Page 54 of 55

Page 55 of 55



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

May 10, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SLWMS COLTRANE FRAC BOOSTER

Enclosed are the results of analyses for samples received by the laboratory on 05/05/23 16:02.

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, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/05/2023	Sampling Date:	05/05/2023
Reported:	05/10/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-145.0-00.3-S (H232248-01)

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	05/09/2023	ND	1.93	96.5	2.00	2.77		
Toluene*	<0.050	0.050	05/09/2023	ND	2.05	102	2.00	0.415		
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	0.0728		
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.51	109	6.00	1.00		
Total BTEX	<0.300	0.300	05/09/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7600	16.0	05/08/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2023	ND	199	99.3	200	2.15	
DRO >C10-C28*	144	10.0	05/08/2023	ND	189	94.7	200	0.807	
EXT DRO >C28-C36	32.5	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-146.0-00.3-S (H232248-02)

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	05/09/2023	ND	1.93	96.5	2.00	2.77		
Toluene*	<0.050	0.050	05/09/2023	ND	2.05	102	2.00	0.415		
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	0.0728		
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.51	109	6.00	1.00		
Total BTEX	<0.300	0.300	05/09/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	05/08/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2023	ND	199	99.3	200	2.15	
DRO >C10-C28*	16.4	10.0	05/08/2023	ND	189	94.7	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 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: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-147.0-00.3-S (H232248-03)

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	05/09/2023	ND	1.93	96.5	2.00	2.77		
Toluene*	<0.050	0.050	05/09/2023	ND	2.05	102	2.00	0.415		
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	0.0728		
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.51	109	6.00	1.00		
Total BTEX	<0.300	0.300	05/09/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9330	16.0	05/08/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2023	ND	199	99.3	200	2.15	
DRO >C10-C28*	2630	10.0	05/08/2023	ND	189	94.7	200	0.807	
EXT DRO >C28-C36	118	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 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: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-148.0-00.3-S (H232248-04)

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	05/09/2023	ND	1.93	96.5	2.00	2.77	
Toluene*	<0.050	0.050	05/09/2023	ND	2.05	102	2.00	0.415	
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	0.0728	
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.51	109	6.00	1.00	
Total BTEX	<0.300	0.300	05/09/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9330	16.0	05/08/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2023	ND	199	99.3	200	2.15	
DRO >C10-C28*	30.9	10.0	05/08/2023	ND	189	94.7	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-149.0-00.3-S (H232248-05)

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	05/09/2023	ND	1.93	96.5	2.00	2.77		
Toluene*	<0.050	0.050	05/09/2023	ND	2.05	102	2.00	0.415		
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	0.0728		
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.51	109	6.00	1.00		
Total BTEX	<0.300	0.300	05/09/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10900	16.0	05/08/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2023	ND	199	99.3	200	2.15	
DRO >C10-C28*	<10.0	10.0	05/08/2023	ND	189	94.7	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 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: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-150.0-00.3-S (H232248-06)

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	05/09/2023	ND	1.93	96.5	2.00	2.77		
Toluene*	<0.050	0.050	05/09/2023	ND	2.05	102	2.00	0.415		
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	0.0728		
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.51	109	6.00	1.00		
Total BTEx	<0.300	0.300	05/09/2023	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	3760	16.0	05/08/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2023	ND	199	99.3	200	2.15	
DRO >C10-C28*	<10.0	10.0	05/08/2023	ND	189	94.7	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 72.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 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: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-151.0-00.3-S (H232248-07)

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	05/09/2023	ND	1.93	96.5	2.00	2.77		
Toluene*	<0.050	0.050	05/09/2023	ND	2.05	102	2.00	0.415		
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	0.0728		
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.51	109	6.00	1.00		
Total BTEx	<0.300	0.300	05/09/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	3680	16.0	05/08/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2023	ND	199	99.3	200	2.15	
DRO >C10-C28*	3180	10.0	05/08/2023	ND	189	94.7	200	0.807	
EXT DRO >C28-C36	83.6	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 180 % 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: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-152.0-00.3-S (H232248-08)

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	05/09/2023	ND	1.93	96.5	2.00	2.77		
Toluene*	<0.050	0.050	05/09/2023	ND	2.05	102	2.00	0.415		
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	0.0728		
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.51	109	6.00	1.00		
Total BTEX	<0.300	0.300	05/09/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	05/08/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2023	ND	199	99.3	200	2.15	
DRO >C10-C28*	3350	10.0	05/08/2023	ND	189	94.7	200	0.807	
EXT DRO >C28-C36	2330	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-153.0-00.3-S (H232248-09)

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	05/09/2023	ND	1.93	96.5	2.00	2.77		
Toluene*	<0.050	0.050	05/09/2023	ND	2.05	102	2.00	0.415		
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	0.0728		
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.51	109	6.00	1.00		
Total BTEX	<0.300	0.300	05/09/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	736	16.0	05/08/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2023	ND	199	99.3	200	2.15	
DRO >C10-C28*	136	10.0	05/08/2023	ND	189	94.7	200	0.807	
EXT DRO >C28-C36	851	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-154.0-00.3-S (H232248-10)

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	05/09/2023	ND	1.93	96.5	2.00	2.77		
Toluene*	<0.050	0.050	05/09/2023	ND	2.05	102	2.00	0.415		
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	0.0728		
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.51	109	6.00	1.00		
Total BTEX	<0.300	0.300	05/09/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2320	16.0	05/08/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/09/2023	ND	199	99.3	200	2.15	
DRO >C10-C28*	<10.0	10.0	05/09/2023	ND	189	94.7	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	05/09/2023	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Analytical Results For:

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

Received: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-155.0-00.3-S (H232248-11)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2023	ND	1.93	96.5	2.00	2.77	
Toluene*	<0.050	0.050	05/09/2023	ND	2.05	102	2.00	0.415	
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	0.0728	
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.51	109	6.00	1.00	
Total BTX	<0.300	0.300	05/09/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	05/08/2023	ND	416	104	400	3.77	

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2023	ND	199	99.3	200	2.15	
DRO >C10-C28*	40.4	10.0	05/08/2023	ND	189	94.7	200	0.807	
EXT DRO >C28-C36	116	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 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: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-156.0-00.3-S (H232248-12)

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	05/09/2023	ND	1.93	96.5	2.00	2.77	
Toluene*	<0.050	0.050	05/09/2023	ND	2.05	102	2.00	0.415	
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	0.0728	
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.51	109	6.00	1.00	
Total BTEX	<0.300	0.300	05/09/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1250	16.0	05/08/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2023	ND	199	99.3	200	2.15	
DRO >C10-C28*	82.2	10.0	05/08/2023	ND	189	94.7	200	0.807	
EXT DRO >C28-C36	89.0	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 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: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-157.0-00.3-S (H232248-13)

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	05/09/2023	ND	1.93	96.5	2.00	2.77		
Toluene*	<0.050	0.050	05/09/2023	ND	2.05	102	2.00	0.415		
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	0.0728		
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.51	109	6.00	1.00		
Total BTEx	<0.300	0.300	05/09/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1860	16.0	05/08/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2023	ND	199	99.3	200	2.15	
DRO >C10-C28*	<10.0	10.0	05/08/2023	ND	189	94.7	200	0.807	
EXT DRO >C28-C36	19.8	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 71.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 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: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-158.0-00.3-S (H232248-14)

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	05/09/2023	ND	1.93	96.5	2.00	2.77	
Toluene*	<0.050	0.050	05/09/2023	ND	2.05	102	2.00	0.415	
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	0.0728	
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.51	109	6.00	1.00	
Total BTEX	<0.300	0.300	05/09/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1620	16.0	05/08/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2023	ND	199	99.3	200	2.15	
DRO >C10-C28*	266	10.0	05/08/2023	ND	189	94.7	200	0.807	
EXT DRO >C28-C36	273	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 59.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-159.0-00.3-S (H232248-15)

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	05/09/2023	ND	1.93	96.5	2.00	2.77		
Toluene*	<0.050	0.050	05/09/2023	ND	2.05	102	2.00	0.415		
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	0.0728		
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.51	109	6.00	1.00		
Total BTEX	<0.300	0.300	05/09/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	05/08/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2023	ND	199	99.3	200	2.15	
DRO >C10-C28*	13.3	10.0	05/08/2023	ND	189	94.7	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 68.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-160.0-00.3-S (H232248-16)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2023	ND	1.93	96.5	2.00	2.77	
Toluene*	<0.050	0.050	05/09/2023	ND	2.05	102	2.00	0.415	
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	0.0728	
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.51	109	6.00	1.00	
Total BTX	<0.300	0.300	05/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 131 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	05/08/2023	ND	416	104	400	3.77	

TPH 8015M	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2023	ND	199	99.3	200	2.15	
DRO >C10-C28*	4570	10.0	05/08/2023	ND	189	94.7	200	0.807	
EXT DRO >C28-C36	41.5	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 181 % 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: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-161.0-00.3-S (H232248-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2023	ND	2.20	110	2.00	5.75		
Toluene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	6.60		
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.12	106	2.00	6.02		
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.43	107	6.00	5.35		
Total BTEX	<0.300	0.300	05/09/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1180	16.0	05/08/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2023	ND	199	99.3	200	2.15	
DRO >C10-C28*	<10.0	10.0	05/08/2023	ND	189	94.7	200	0.807	
EXT DRO >C28-C36	<10.0	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 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: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-162.0-00.3-S (H232248-18)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2023	ND	2.20	110	2.00	5.75	
Toluene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	6.60	
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.12	106	2.00	6.02	
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.43	107	6.00	5.35	
Total BTEX	<0.300	0.300	05/09/2023	ND					

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

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	05/08/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2023	ND	183	91.3	200	1.12	
DRO >C10-C28*	<10.0	10.0	05/08/2023	ND	185	92.6	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 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: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-163.0-00.3-S (H232248-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2023	ND	2.20	110	2.00	5.75		
Toluene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	6.60		
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.12	106	2.00	6.02		
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.43	107	6.00	5.35		
Total BTEX	<0.300	0.300	05/09/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	96.0	16.0	05/08/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2023	ND	183	91.3	200	1.12	
DRO >C10-C28*	<10.0	10.0	05/08/2023	ND	185	92.6	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-164.0-00.3-S (H232248-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2023	ND	2.20	110	2.00	5.75		
Toluene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	6.60		
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.12	106	2.00	6.02		
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.43	107	6.00	5.35		
Total BTEX	<0.300	0.300	05/09/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/08/2023	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	05/08/2023	ND	183	91.3	200	1.12	
DRO >C10-C28*	24.1	10.0	05/08/2023	ND	185	92.6	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-165.0-00.3-S (H232248-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2023	ND	2.20	110	2.00	5.75		
Toluene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	6.60		
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.12	106	2.00	6.02		
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.43	107	6.00	5.35		
Total BTEX	<0.300	0.300	05/09/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/08/2023	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	05/08/2023	ND	183	91.3	200	1.12	
DRO >C10-C28*	1000	10.0	05/08/2023	ND	185	92.6	200	1.42	
EXT DRO >C28-C36	308	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 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: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-166.0-00.3-S (H232248-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2023	ND	2.20	110	2.00	5.75		
Toluene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	6.60		
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.12	106	2.00	6.02		
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.43	107	6.00	5.35		
Total BTEX	<0.300	0.300	05/09/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2320	16.0	05/08/2023	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	05/08/2023	ND	183	91.3	200	1.12	
DRO >C10-C28*	<10.0	10.0	05/08/2023	ND	185	92.6	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 78.8 % 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

Analytical Results For:

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

Received: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-167.0-00.3-S (H232248-23)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2023	ND	2.20	110	2.00	5.75	
Toluene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	6.60	
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.12	106	2.00	6.02	
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.43	107	6.00	5.35	
Total BTEX	<0.300	0.300	05/09/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	05/08/2023	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	05/08/2023	ND	183	91.3	200	1.12	
DRO >C10-C28*	18.7	10.0	05/08/2023	ND	185	92.6	200	1.42	
EXT DRO >C28-C36	11.3	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/05/2023
 Reported: 05/10/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/05/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-168.0-00.3-S (H232248-24)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2023	ND	2.20	110	2.00	5.75	
Toluene*	<0.050	0.050	05/09/2023	ND	2.18	109	2.00	6.60	
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.12	106	2.00	6.02	
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.43	107	6.00	5.35	
Total BTEX	<0.300	0.300	05/09/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/08/2023	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	05/08/2023	ND	183	91.3	200	1.12	
DRO >C10-C28*	19.3	10.0	05/08/2023	ND	185	92.6	200	1.42	
EXT DRO >C28-C36	<10.0	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 66.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.5 % 49.1-148

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

Page 27 of 29

Page 28 of 29

Page 29 of 29



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

May 11, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SLWMS COLTRANE FRAC BOOSTER

Enclosed are the results of analyses for samples received by the laboratory on 05/08/23 16:10.

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:	05/08/2023	Sampling Date:	05/08/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-169.0-00.3-S (H232276-01)

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	05/10/2023	ND	2.02	101	2.00	4.22	
Toluene*	<0.050	0.050	05/10/2023	ND	2.06	103	2.00	6.14	
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	05/10/2023	ND	6.36	106	6.00	1.20	
Total BTEX	<0.300	0.300	05/10/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	720	16.0	05/09/2023	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	05/09/2023	ND	183	91.6	200	5.77	
DRO >C10-C28*	79.2	10.0	05/09/2023	ND	169	84.7	200	3.64	
EXT DRO >C28-C36	117	10.0	05/09/2023	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 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:	05/08/2023	Sampling Date:	05/08/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-170.0-00.3-S (H232276-02)

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	05/10/2023	ND	2.02	101	2.00	4.22		
Toluene*	<0.050	0.050	05/10/2023	ND	2.06	103	2.00	6.14		
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.03	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	05/10/2023	ND	6.36	106	6.00	1.20		
Total BTEx	<0.300	0.300	05/10/2023	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	1200	16.0	05/09/2023	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	05/09/2023	ND	183	91.6	200	5.77	
DRO >C10-C28*	816	10.0	05/09/2023	ND	169	84.7	200	3.64	
EXT DRO >C28-C36	1230	10.0	05/09/2023	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 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: 05/08/2023
 Reported: 05/11/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-171.0-00.3-S (H232276-03)

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	05/10/2023	ND	2.02	101	2.00	4.22	
Toluene*	<0.050	0.050	05/10/2023	ND	2.06	103	2.00	6.14	
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	05/10/2023	ND	6.36	106	6.00	1.20	
Total BTEX	<0.300	0.300	05/10/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1170	16.0	05/09/2023	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	05/09/2023	ND	183	91.6	200	5.77	
DRO >C10-C28*	<10.0	10.0	05/09/2023	ND	169	84.7	200	3.64	
EXT DRO >C28-C36	11.7	10.0	05/09/2023	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/08/2023
 Reported: 05/11/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-172.0-00.3-S (H232276-04)

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	05/10/2023	ND	2.02	101	2.00	4.22	
Toluene*	<0.050	0.050	05/10/2023	ND	2.06	103	2.00	6.14	
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	05/10/2023	ND	6.36	106	6.00	1.20	
Total BTEx	<0.300	0.300	05/10/2023	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	1150	16.0	05/09/2023	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	05/09/2023	ND	183	91.6	200	5.77	
DRO >C10-C28*	<10.0	10.0	05/09/2023	ND	169	84.7	200	3.64	
EXT DRO >C28-C36	<10.0	10.0	05/09/2023	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/08/2023	Sampling Date:	05/08/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-173.0-00.3-S (H232276-05)

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	05/10/2023	ND	2.02	101	2.00	4.22	
Toluene*	<0.050	0.050	05/10/2023	ND	2.06	103	2.00	6.14	
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	05/10/2023	ND	6.36	106	6.00	1.20	
Total BTEX	<0.300	0.300	05/10/2023	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	1800	16.0	05/09/2023	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	05/09/2023	ND	183	91.6	200	5.77	
DRO >C10-C28*	<10.0	10.0	05/09/2023	ND	169	84.7	200	3.64	
EXT DRO >C28-C36	<10.0	10.0	05/09/2023	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 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: 05/08/2023
 Reported: 05/11/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-174.0-00.3-S (H232276-06)

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	05/10/2023	ND	2.02	101	2.00	4.22	
Toluene*	<0.050	0.050	05/10/2023	ND	2.06	103	2.00	6.14	
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	05/10/2023	ND	6.36	106	6.00	1.20	
Total BTEX	<0.300	0.300	05/10/2023	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	1150	16.0	05/09/2023	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	05/09/2023	ND	183	91.6	200	5.77	
DRO >C10-C28*	<10.0	10.0	05/09/2023	ND	169	84.7	200	3.64	
EXT DRO >C28-C36	<10.0	10.0	05/09/2023	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 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:	05/08/2023	Sampling Date:	05/08/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-175.0-00.3-S (H232276-07)

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	05/10/2023	ND	2.02	101	2.00	4.22	
Toluene*	<0.050	0.050	05/10/2023	ND	2.06	103	2.00	6.14	
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	05/10/2023	ND	6.36	106	6.00	1.20	
Total BTEX	<0.300	0.300	05/10/2023	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	480	16.0	05/09/2023	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	05/09/2023	ND	183	91.6	200	5.77	
DRO >C10-C28*	<10.0	10.0	05/09/2023	ND	169	84.7	200	3.64	
EXT DRO >C28-C36	<10.0	10.0	05/09/2023	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/08/2023	Sampling Date:	05/08/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-176.0-00.3-S (H232276-08)

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	05/10/2023	ND	2.02	101	2.00	4.22	
Toluene*	<0.050	0.050	05/10/2023	ND	2.06	103	2.00	6.14	
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	05/10/2023	ND	6.36	106	6.00	1.20	
Total BTEx	<0.300	0.300	05/10/2023	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	752	16.0	05/09/2023	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	05/09/2023	ND	183	91.6	200	5.77	
DRO >C10-C28*	<10.0	10.0	05/09/2023	ND	169	84.7	200	3.64	
EXT DRO >C28-C36	<10.0	10.0	05/09/2023	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 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:	05/08/2023	Sampling Date:	05/08/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-177.0-00.3-S (H232276-09)

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	05/10/2023	ND	2.02	101	2.00	4.22	
Toluene*	<0.050	0.050	05/10/2023	ND	2.06	103	2.00	6.14	
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	05/10/2023	ND	6.36	106	6.00	1.20	
Total BTEX	<0.300	0.300	05/10/2023	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	1550	16.0	05/09/2023	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	05/09/2023	ND	183	91.6	200	5.77	
DRO >C10-C28*	<10.0	10.0	05/09/2023	ND	169	84.7	200	3.64	
EXT DRO >C28-C36	<10.0	10.0	05/09/2023	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/08/2023	Sampling Date:	05/08/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-178.0-00.3-S (H232276-10)

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	05/10/2023	ND	2.02	101	2.00	4.22		
Toluene*	<0.050	0.050	05/10/2023	ND	2.06	103	2.00	6.14		
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.03	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	05/10/2023	ND	6.36	106	6.00	1.20		
Total BTEX	<0.300	0.300	05/10/2023	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	1490	16.0	05/09/2023	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	05/09/2023	ND	183	91.6	200	5.77	
DRO >C10-C28*	<10.0	10.0	05/09/2023	ND	169	84.7	200	3.64	
EXT DRO >C28-C36	<10.0	10.0	05/09/2023	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/08/2023	Sampling Date:	05/08/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-179.0-00.3-S (H232276-11)

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	05/10/2023	ND	2.02	101	2.00	4.22		
Toluene*	<0.050	0.050	05/10/2023	ND	2.06	103	2.00	6.14		
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.03	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	05/10/2023	ND	6.36	106	6.00	1.20		
Total BTEX	<0.300	0.300	05/10/2023	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	1880	16.0	05/09/2023	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	05/09/2023	ND	183	91.6	200	5.77	
DRO >C10-C28*	<10.0	10.0	05/09/2023	ND	169	84.7	200	3.64	
EXT DRO >C28-C36	<10.0	10.0	05/09/2023	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 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: 05/08/2023
 Reported: 05/11/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-180.0-00.3-S (H232276-12)

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	05/10/2023	ND	2.02	101	2.00	4.22	
Toluene*	<0.050	0.050	05/10/2023	ND	2.06	103	2.00	6.14	
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	05/10/2023	ND	6.36	106	6.00	1.20	
Total BTEx	<0.300	0.300	05/10/2023	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	880	16.0	05/09/2023	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	05/09/2023	ND	183	91.6	200	5.77	
DRO >C10-C28*	<10.0	10.0	05/09/2023	ND	169	84.7	200	3.64	
EXT DRO >C28-C36	<10.0	10.0	05/09/2023	ND					

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 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:	05/08/2023	Sampling Date:	05/08/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-181.0-00.3-S (H232276-13)

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	05/10/2023	ND	2.02	101	2.00	4.22		
Toluene*	<0.050	0.050	05/10/2023	ND	2.06	103	2.00	6.14		
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.03	102	2.00	2.09		
Total Xylenes*	<0.150	0.150	05/10/2023	ND	6.36	106	6.00	1.20		
Total BTEX	<0.300	0.300	05/10/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1680	16.0	05/09/2023	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	05/09/2023	ND	183	91.6	200	5.77	
DRO >C10-C28*	<10.0	10.0	05/09/2023	ND	169	84.7	200	3.64	
EXT DRO >C28-C36	<10.0	10.0	05/09/2023	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/08/2023	Sampling Date:	05/08/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-182.0-00.3-S (H232276-14)

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	05/10/2023	ND	2.02	101	2.00	4.22	
Toluene*	<0.050	0.050	05/10/2023	ND	2.06	103	2.00	6.14	
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	05/10/2023	ND	6.36	106	6.00	1.20	
Total BTEX	<0.300	0.300	05/10/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	05/09/2023	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	05/09/2023	ND	183	91.6	200	5.77	
DRO >C10-C28*	<10.0	10.0	05/09/2023	ND	169	84.7	200	3.64	
EXT DRO >C28-C36	<10.0	10.0	05/09/2023	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/08/2023	Sampling Date:	05/08/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-183.0-00.3-S (H232276-15)

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	05/10/2023	ND	2.02	101	2.00	4.22	
Toluene*	<0.050	0.050	05/10/2023	ND	2.06	103	2.00	6.14	
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	05/10/2023	ND	6.36	106	6.00	1.20	
Total BTEX	<0.300	0.300	05/10/2023	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	1170	16.0	05/09/2023	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	05/09/2023	ND	183	91.6	200	5.77	
DRO >C10-C28*	<10.0	10.0	05/09/2023	ND	169	84.7	200	3.64	
EXT DRO >C28-C36	<10.0	10.0	05/09/2023	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 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:	05/08/2023	Sampling Date:	05/08/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-184.0-00.3-S (H232276-16)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2023	ND	2.02	101	2.00	4.22	
Toluene*	<0.050	0.050	05/10/2023	ND	2.06	103	2.00	6.14	
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.03	102	2.00	2.09	
Total Xylenes*	<0.150	0.150	05/10/2023	ND	6.36	106	6.00	1.20	
Total BTEX	<0.300	0.300	05/10/2023	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	1020	16.0	05/09/2023	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	05/09/2023	ND	183	91.6	200	5.77	
DRO >C10-C28*	<10.0	10.0	05/09/2023	ND	169	84.7	200	3.64	
EXT DRO >C28-C36	<10.0	10.0	05/09/2023	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/08/2023	Sampling Date:	05/08/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-185.0-00.3-S (H232276-17)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2023	ND	2.03	102	2.00	12.5		
Toluene*	<0.050	0.050	05/09/2023	ND	2.09	105	2.00	11.6		
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.16	108	2.00	11.4		
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.40	107	6.00	10.9		
Total BTEX	<0.300	0.300	05/09/2023	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	1920	16.0	05/09/2023	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*	<10.0	10.0	05/09/2023	ND	183	91.6	200	5.77		
DRO >C10-C28*	<10.0	10.0	05/09/2023	ND	169	84.7	200	3.64		
EXT DRO >C28-C36	<10.0	10.0	05/09/2023	ND						

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/08/2023
 Reported: 05/11/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-186.0-00.3-S (H232276-18)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2023	ND	2.03	102	2.00	12.5	
Toluene*	<0.050	0.050	05/09/2023	ND	2.09	105	2.00	11.6	
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.16	108	2.00	11.4	
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.40	107	6.00	10.9	
Total BTEx	<0.300	0.300	05/09/2023	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	2240	16.0	05/09/2023	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	05/09/2023	ND	183	91.6	200	5.77	
DRO >C10-C28*	<10.0	10.0	05/09/2023	ND	169	84.7	200	3.64	
EXT DRO >C28-C36	<10.0	10.0	05/09/2023	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/08/2023
 Reported: 05/11/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-187.0-00.3-S (H232276-19)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2023	ND	2.03	102	2.00	12.5	
Toluene*	<0.050	0.050	05/09/2023	ND	2.09	105	2.00	11.6	
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.16	108	2.00	11.4	
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.40	107	6.00	10.9	
Total BTEx	<0.300	0.300	05/09/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1500	16.0	05/09/2023	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	05/09/2023	ND	183	91.6	200	5.77	
DRO >C10-C28*	<10.0	10.0	05/09/2023	ND	169	84.7	200	3.64	
EXT DRO >C28-C36	<10.0	10.0	05/09/2023	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 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: 05/08/2023
 Reported: 05/11/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-188.0-00.3-S (H232276-20)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2023	ND	2.03	102	2.00	12.5	
Toluene*	<0.050	0.050	05/09/2023	ND	2.09	105	2.00	11.6	
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.16	108	2.00	11.4	
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.40	107	6.00	10.9	
Total BTX	<0.300	0.300	05/09/2023	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	3480	16.0	05/09/2023	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	05/09/2023	ND	183	91.6	200	5.77	
DRO >C10-C28*	<10.0	10.0	05/09/2023	ND	169	84.7	200	3.64	
EXT DRO >C28-C36	<10.0	10.0	05/09/2023	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 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:	05/08/2023	Sampling Date:	05/08/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-189.0-00.3-S (H232276-21)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2023	ND	2.03	102	2.00	12.5		
Toluene*	<0.050	0.050	05/09/2023	ND	2.09	105	2.00	11.6		
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.16	108	2.00	11.4		
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.40	107	6.00	10.9		
Total BTEX	<0.300	0.300	05/09/2023	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	2080	16.0	05/09/2023	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	05/10/2023	ND	194	96.9	200	3.19	
DRO >C10-C28*	<10.0	10.0	05/10/2023	ND	185	92.4	200	3.73	
EXT DRO >C28-C36	<10.0	10.0	05/10/2023	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 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:	05/08/2023	Sampling Date:	05/08/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-190.0-00.3-S (H232276-22)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2023	ND	2.03	102	2.00	12.5		
Toluene*	<0.050	0.050	05/09/2023	ND	2.09	105	2.00	11.6		
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.16	108	2.00	11.4		
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.40	107	6.00	10.9		
Total BTEX	<0.300	0.300	05/09/2023	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	1060	16.0	05/09/2023	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	05/10/2023	ND	194	96.9	200	3.19		
DRO >C10-C28*	<10.0	10.0	05/10/2023	ND	185	92.4	200	3.73		
EXT DRO >C28-C36	<10.0	10.0	05/10/2023	ND						

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 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: 05/08/2023
 Reported: 05/11/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-191.0-00.3-S (H232276-23)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2023	ND	2.03	102	2.00	12.5		
Toluene*	<0.050	0.050	05/09/2023	ND	2.09	105	2.00	11.6		
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.16	108	2.00	11.4		
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.40	107	6.00	10.9		
Total BTEX	<0.300	0.300	05/09/2023	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	192	16.0	05/09/2023	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	05/10/2023	ND	194	96.9	200	3.19	
DRO >C10-C28*	<10.0	10.0	05/10/2023	ND	185	92.4	200	3.73	
EXT DRO >C28-C36	<10.0	10.0	05/10/2023	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 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:	05/08/2023	Sampling Date:	05/08/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-192.0-00.3-S (H232276-24)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2023	ND	2.03	102	2.00	12.5		
Toluene*	<0.050	0.050	05/09/2023	ND	2.09	105	2.00	11.6		
Ethylbenzene*	<0.050	0.050	05/09/2023	ND	2.16	108	2.00	11.4		
Total Xylenes*	<0.150	0.150	05/09/2023	ND	6.40	107	6.00	10.9		
Total BTEx	<0.300	0.300	05/09/2023	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	1310	16.0	05/09/2023	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	05/10/2023	ND	194	96.9	200	3.19	
DRO >C10-C28*	90.1	10.0	05/10/2023	ND	185	92.4	200	3.73	
EXT DRO >C28-C36	<10.0	10.0	05/10/2023	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

Page 27 of 29

Page 28 of 29

Page 29 of 29

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

May 16, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SLWMS COLTRANE FRAC BOOSTER

Enclosed are the results of analyses for samples received by the laboratory on 05/10/23 16:15.

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/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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,

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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CF-193.0-00.3-S	H232332-01	Soil	10-May-23 00:00	10-May-23 16:15
CF-194.0-00.3-S	H232332-02	Soil	10-May-23 00:00	10-May-23 16:15
CF-195.0-00.3-S	H232332-03	Soil	10-May-23 00:00	10-May-23 16:15
CF-196.0-00.3-S	H232332-04	Soil	10-May-23 00:00	10-May-23 16:15
CF-197.0-00.3-S	H232332-05	Soil	10-May-23 00:00	10-May-23 16:15
CF-198.0-00.3-S	H232332-06	Soil	10-May-23 00:00	10-May-23 16:15
CF-199.0-00.3-S	H232332-07	Soil	10-May-23 00:00	10-May-23 16:15
CF-200.0-00.3-S	H232332-08	Soil	10-May-23 00:00	10-May-23 16:15
CF-201.0-00.3-S	H232332-09	Soil	10-May-23 00:00	10-May-23 16:15
CF-202.0-00.3-S	H232332-10	Soil	10-May-23 00:00	10-May-23 16:15
CF-203.0-00.3-S	H232332-11	Soil	10-May-23 00:00	10-May-23 16:15
CF-204.0-00.3-S	H232332-12	Soil	10-May-23 00:00	10-May-23 16:15
CF-205.0-00.3-S	H232332-13	Soil	10-May-23 00:00	10-May-23 16:15
CF-206.0-00.3-S	H232332-14	Soil	10-May-23 00:00	10-May-23 16:15
CF-207.0-00.3-S	H232332-15	Soil	10-May-23 00:00	10-May-23 16:15
CF-208.0-00.3-S	H232332-16	Soil	10-May-23 00:00	10-May-23 16:15
CF-209.0-00.3-S	H232332-17	Soil	10-May-23 00:00	10-May-23 16:15
CF-210.0-00.3-S	H232332-18	Soil	10-May-23 00:00	10-May-23 16:15
CF-211.0-00.3-S	H232332-19	Soil	10-May-23 00:00	10-May-23 16:15
CF-212.0-00.3-S	H232332-20	Soil	10-May-23 00:00	10-May-23 16:15
CF-213.0-00.3-S	H232332-21	Soil	10-May-23 00:00	10-May-23 16:15
CF-214.0-00.3-S	H232332-22	Soil	10-May-23 00:00	10-May-23 16:15
CF-215.0-00.3-S	H232332-23	Soil	10-May-23 00:00	10-May-23 16:15
CF-216.0-00.3-S	H232332-24	Soil	10-May-23 00:00	10-May-23 16:15
CF-217.0-00.3-S	H232332-25	Soil	10-May-23 00:00	10-May-23 16:15
CF-218.0-00.3-S	H232332-26	Soil	10-May-23 00:00	10-May-23 16:15
CF-219.0-00.3-S	H232332-27	Soil	10-May-23 00:00	10-May-23 16:15

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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-220.0-00.3-S	H232332-28	Soil	10-May-23 00:00	10-May-23 16:15
CF-221.0-00.3-S	H232332-29	Soil	10-May-23 00:00	10-May-23 16:15
CF-222.0-00.3-S	H232332-30	Soil	10-May-23 00:00	10-May-23 16:15
CF-223.0-00.3-S	H232332-31	Soil	10-May-23 00:00	10-May-23 16:15
CF-224.0-00.3-S	H232332-32	Soil	10-May-23 00:00	10-May-23 16:15
CF-225.0-00.3-S	H232332-33	Soil	10-May-23 00:00	10-May-23 16:15
CF-226.0-00.3-S	H232332-34	Soil	10-May-23 00:00	10-May-23 16:15
CF-227.0-00.3-S	H232332-35	Soil	10-May-23 00:00	10-May-23 16:15
CF-228.0-00.3-S	H232332-36	Soil	10-May-23 00:00	10-May-23 16:15
CF-229.0-00.3-S	H232332-37	Soil	10-May-23 00:00	10-May-23 16:15
CF-230.0-00.3-S	H232332-38	Soil	10-May-23 00:00	10-May-23 16:15
CF-231.0-00.3-S	H232332-39	Soil	10-May-23 00:00	10-May-23 16:15
CF-232.0-00.3-S	H232332-40	Soil	10-May-23 00:00	10-May-23 16:15
CF-233.0-00.3-S	H232332-41	Soil	10-May-23 00:00	10-May-23 16:15
CF-234.0-00.3-S	H232332-42	Soil	10-May-23 00:00	10-May-23 16:15
CF-235.0-00.3-S	H232332-43	Soil	10-May-23 00:00	10-May-23 16:15
CF-236.0-00.3-S	H232332-44	Soil	10-May-23 00:00	10-May-23 16:15
CF-237.0-00.3-S	H232332-45	Soil	10-May-23 00:00	10-May-23 16:15
CF-238.0-00.3-S	H232332-46	Soil	10-May-23 00:00	10-May-23 16:15
CF-239.0-00.3-S	H232332-47	Soil	10-May-23 00:00	10-May-23 16:15
CF-240.0-00.3-S	H232332-48	Soil	10-May-23 00:00	10-May-23 16:15
CF-241.0-00.3-S	H232332-49	Soil	10-May-23 00:00	10-May-23 16:15
CF-242.0-00.3-S	H232332-50	Soil	10-May-23 00:00	10-May-23 16:15
CF-243.0-00.3-S	H232332-51	Soil	10-May-23 00:00	10-May-23 16:15
CF-244.0-00.3-S	H232332-52	Soil	10-May-23 00:00	10-May-23 16:15
CF-245.0-00.3-S	H232332-53	Soil	10-May-23 00:00	10-May-23 16:15
CF-246.0-00.3-S	H232332-54	Soil	10-May-23 00:00	10-May-23 16:15
CF-247.0-00.0-S	H232332-55	Soil	10-May-23 00:00	10-May-23 16:15
CF-248.0-00.0-S	H232332-56	Soil	10-May-23 00:00	10-May-23 16:15
CF-249.0-00.0-S	H232332-57	Soil	10-May-23 00:00	10-May-23 16:15

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-250.0-00.0-S	H232332-58	Soil	10-May-23 00:00	10-May-23 16:15
CF-251.0-00.0-S	H232332-59	Soil	10-May-23 00:00	10-May-23 16:15
CF-252.0-00.0-S	H232332-60	Soil	10-May-23 00:00	10-May-23 16:15
CF-253.0-00.0-S	H232332-61	Soil	10-May-23 00:00	10-May-23 16:15
CF-254.0-00.0-S	H232332-62	Soil	10-May-23 00:00	10-May-23 16:15
CF-255.0-00.0-S	H232332-63	Soil	10-May-23 00:00	10-May-23 16:15
CF-256.0-00.0-S	H232332-64	Soil	10-May-23 00:00	10-May-23 16:15
CF-257.0-00.0-S	H232332-65	Soil	10-May-23 00:00	10-May-23 16:15
CF-258.0-00.0-S	H232332-66	Soil	10-May-23 00:00	10-May-23 16:15
CF-259.0-00.0-S	H232332-67	Soil	10-May-23 00:00	10-May-23 16:15
CF-260.0-00.0-S	H232332-68	Soil	10-May-23 00:00	10-May-23 16:15
CF-261.0-00.0-S	H232332-69	Soil	10-May-23 00:00	10-May-23 16:15
CF-262.0-00.0-S	H232332-70	Soil	10-May-23 00:00	10-May-23 16:15
CF-263.0-00.0-S	H232332-71	Soil	10-May-23 00:00	10-May-23 16:15
CF-264.0-00.0-S	H232332-72	Soil	10-May-23 00:00	10-May-23 16:15
CF-265.0-00.0-S	H232332-73	Soil	10-May-23 00:00	10-May-23 16:15
CF-266.0-00.0-S	H232332-74	Soil	10-May-23 00:00	10-May-23 16:15
CF-267.0-00.0-S	H232332-75	Soil	10-May-23 00:00	10-May-23 16:15
CF-268.0-00.0-S	H232332-76	Soil	10-May-23 00:00	10-May-23 16:15
CF-269.0-00.0-S	H232332-77	Soil	10-May-23 00:00	10-May-23 16:15
CF-270.0-00.0-S	H232332-78	Soil	10-May-23 00:00	10-May-23 16:15
CF-271.0-00.0-S	H232332-79	Soil	10-May-23 00:00	10-May-23 16:15
CF-272.0-00.0-S	H232332-80	Soil	10-May-23 00:00	10-May-23 16:15

05/16/23 - Discovered that the wrong COC was attached to the original report. This is the revised report with the correct COC attached and will replace the report sent 05/15/23.

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-193.0-00.3-S
H232332-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	464		16.0	mg/kg	4	3051144	AC	11-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051117	JH/	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051117	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	111 %	71.5-134	3051117	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051111	MS	11-May-23	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051111	MS	11-May-23	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051111	MS	11-May-23	8015B

Surrogate: 1-Chlorooctane	63.3 %	48.2-134	3051111	MS	11-May-23	8015B
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Surrogate: 1-Chlorooctadecane	68.1 %	49.1-148	3051111	MS	11-May-23	8015B
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-194.0-00.3-S**H232332-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1680		16.0	mg/kg	4	3051144	AC	11-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051117	JH/	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051117	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %		71.5-134	3051117	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051111	MS	11-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051111	MS	11-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051111	MS	11-May-23	8015B	

Surrogate: 1-Chlorooctane			62.5 %		48.2-134	3051111	MS	11-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			65.6 %		49.1-148	3051111	MS	11-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-195.0-00.3-S**H232332-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	3051144	AC	11-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051117	JH/	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051117	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	111 %	71.5-134	3051117	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051111	MS	11-May-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051111	MS	11-May-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051111	MS	11-May-23	8015B	

Surrogate: 1-Chlorooctane	64.4 %	48.2-134	3051111	MS	11-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	67.7 %	49.1-148	3051111	MS	11-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-196.0-00.3-S**H232332-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2360		16.0	mg/kg	4	3051144	AC	11-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051117	JH/	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051117	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	110 %	71.5-134	3051117	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051111	MS	11-May-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051111	MS	11-May-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051111	MS	11-May-23	8015B	

Surrogate: 1-Chlorooctane	67.2 %	48.2-134	3051111	MS	11-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	70.0 %	49.1-148	3051111	MS	11-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-197.0-00.3-S**H232332-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2440		16.0	mg/kg	4	3051144	AC	11-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051117	JH/	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051117	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	109 %	71.5-134	3051117	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051111	MS	11-May-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051111	MS	11-May-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051111	MS	11-May-23	8015B	

Surrogate: 1-Chlorooctane	66.9 %	48.2-134	3051111	MS	11-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	70.0 %	49.1-148	3051111	MS	11-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-198.0-00.3-S**H232332-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2000		16.0	mg/kg	4	3051144	AC	11-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051117	JH/	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051117	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	114 %	71.5-134	3051117	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051111	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051111	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051111	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	76.6 %	48.2-134	3051111	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	80.1 %	49.1-148	3051111	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-199.0-00.3-S**H232332-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2440		16.0	mg/kg	4	3051144	AC	11-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051117	JH/	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051117	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	111 %	71.5-134	3051117	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051111	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051111	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051111	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	57.6 %	48.2-134	3051111	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	60.1 %	49.1-148	3051111	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-200.0-00.3-S**H232332-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1800		16.0	mg/kg	4	3051144	AC	11-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051117	JH/	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051117	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	114 %	71.5-134	3051117	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051111	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051111	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051111	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	67.8 %	48.2-134	3051111	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	70.4 %	49.1-148	3051111	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-201.0-00.3-S**H232332-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	592		16.0	mg/kg	4	3051144	AC	11-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051117	JH/	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051117	JH/	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051117	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	113 %	71.5-134	3051117	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051111	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051111	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051111	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	65.5 %	48.2-134	3051111	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	68.0 %	49.1-148	3051111	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-202.0-00.3-S**H232332-10 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2080		16.0	mg/kg	4	3051144	AC	11-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051118	JH	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051118	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %		71.5-134	3051118	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051111	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051111	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051111	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			63.6 %		48.2-134	3051111	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			66.2 %		49.1-148	3051111	MS	12-May-23	8015B	
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Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-203.0-00.3-S**H232332-11 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	784		16.0	mg/kg	4	3051144	AC	11-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051118	JH	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051118	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	106 %	71.5-134	3051118	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051111	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051111	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051111	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	73.7 %	48.2-134	3051111	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	77.7 %	49.1-148	3051111	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-204.0-00.3-S**H232332-12 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	3720		16.0	mg/kg	4	3051144	AC	11-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051118	JH	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051118	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %		71.5-134	3051118	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			89.3 %		48.2-134	3051112	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			82.9 %		49.1-148	3051112	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-205.0-00.3-S**H232332-13 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	3600		16.0	mg/kg	4	3051144	AC	11-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051118	JH	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051118	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	105 %	71.5-134	3051118	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	90.4 %	48.2-134	3051112	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	84.7 %	49.1-148	3051112	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-206.0-00.3-S**H232332-14 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	352		16.0	mg/kg	4	3051218	AC	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051118	JH	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051118	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	105 %	71.5-134	3051118	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	89.2 %	48.2-134	3051112	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	83.2 %	49.1-148	3051112	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-207.0-00.3-S**H232332-15 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	592		16.0	mg/kg	4	3051218	AC	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051118	JH	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051118	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	105 %	71.5-134	3051118	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	87.5 %	48.2-134	3051112	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	81.4 %	49.1-148	3051112	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-208.0-00.3-S**H232332-16 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1220		16.0	mg/kg	4	3051218	AC	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051118	JH	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051118	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %		71.5-134	3051118	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			84.0 %		48.2-134	3051112	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			78.9 %		49.1-148	3051112	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-209.0-00.3-S**H232332-17 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	848		16.0	mg/kg	4	3051218	AC	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051118	JH	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051118	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			117 %		71.5-134	3051118	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
DRO >C10-C28*	3240		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			86.1 %		48.2-134	3051112	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			122 %		49.1-148	3051112	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-210.0-00.3-S**H232332-18 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	912		16.0	mg/kg	4	3051218	AC	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051118	JH	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051118	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	103 %	71.5-134	3051118	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	86.7 %	48.2-134	3051112	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	82.9 %	49.1-148	3051112	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-211.0-00.3-S**H232332-19 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	528		16.0	mg/kg	4	3051218	AC	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051118	JH	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051118	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	104 %	71.5-134	3051118	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	81.7 %	48.2-134	3051112	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	78.4 %	49.1-148	3051112	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-212.0-00.3-S**H232332-20 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	352		16.0	mg/kg	4	3051218	AC	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051118	JH	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051118	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %		71.5-134	3051118	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
DRO >C10-C28*	14.9		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			85.4 %		48.2-134	3051112	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			82.4 %		49.1-148	3051112	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-213.0-00.3-S**H232332-21 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2600		16.0	mg/kg	4	3051218	AC	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051118	JH	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051118	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %		71.5-134	3051118	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			84.2 %		48.2-134	3051112	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			82.9 %		49.1-148	3051112	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-214.0-00.3-S**H232332-22 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1100		16.0	mg/kg	4	3051218	AC	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B
Toluene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	3051118	JH	12-May-23	8021B
Total BTEX	<0.300	0.300	mg/kg	50	3051118	JH	12-May-23	8021B

Surrogate: 4-Bromofluorobenzene (PID)	103 %	71.5-134	3051118	JH	12-May-23	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B

Surrogate: 1-Chlorooctane	88.6 %	48.2-134	3051112	MS	12-May-23	8015B
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Surrogate: 1-Chlorooctadecane	84.5 %	49.1-148	3051112	MS	12-May-23	8015B
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-215.0-00.3-S**H232332-23 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1570		16.0	mg/kg	4	3051218	AC	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051118	JH	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051118	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	103 %	71.5-134	3051118	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	87.5 %	48.2-134	3051112	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	81.9 %	49.1-148	3051112	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-216.0-00.3-S**H232332-24 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1120		16.0	mg/kg	4	3051218	AC	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051118	JH	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051118	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	102 %	71.5-134	3051118	JH	12-May-23	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B

Surrogate: 1-Chlorooctane	85.6 %	48.2-134	3051112	MS	12-May-23	8015B
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Surrogate: 1-Chlorooctadecane	81.2 %	49.1-148	3051112	MS	12-May-23	8015B
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-217.0-00.3-S**H232332-25 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1960		16.0	mg/kg	4	3051218	AC	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051118	JH	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051118	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %		71.5-134	3051118	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			86.3 %		48.2-134	3051112	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			81.7 %		49.1-148	3051112	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-218.0-00.3-S**H232332-26 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1280		16.0	mg/kg	4	3051218	AC	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051118	JH	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051118	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %		71.5-134	3051118	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			87.5 %		48.2-134	3051112	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			83.0 %		49.1-148	3051112	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-219.0-00.3-S**H232332-27 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2160		16.0	mg/kg	4	3051218	AC	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051118	JH	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051118	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %		71.5-134	3051118	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			85.0 %		48.2-134	3051112	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			80.6 %		49.1-148	3051112	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-220.0-00.3-S**H232332-28 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	752		16.0	mg/kg	4	3051218	AC	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051118	JH	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051118	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	105 %	71.5-134	3051118	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051112	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	88.8 %	48.2-134	3051112	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	82.4 %	49.1-148	3051112	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-221.0-00.3-S**H232332-29 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2480		16.0	mg/kg	4	3051218	AC	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051118	JH	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051118	JH	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051118	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		71.5-134	3051118	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			87.3 %		48.2-134	3051112	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			83.1 %		49.1-148	3051112	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-222.0-00.3-S**H232332-30 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	384		16.0	mg/kg	4	3051218	AC	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	QR-03
Total Xylenes*	<0.150		0.150	mg/kg	50	3051119	JH	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051119	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134 3051119 JH 12-May-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane 89.5 % 48.2-134 3051112 MS 12-May-23 8015B

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148 3051112 MS 12-May-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-223.0-00.3-S**H232332-31 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1280		16.0	mg/kg	4	3051218	AC	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051119	JH	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051119	JH	12-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %		71.5-134	3051119	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051112	MS	12-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			104 %		48.2-134	3051112	MS	12-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			100 %		49.1-148	3051112	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-224.0-00.3-S**H232332-32 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2600		16.0	mg/kg	4	3051218	AC	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051119	JH	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051119	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %		71.5-134	3051119	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			68.7 %		48.2-134	3051113	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			79.4 %		49.1-148	3051113	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-225.0-00.3-S**H232332-33 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1760		16.0	mg/kg	4	3051218	AC	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051119	JH	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051119	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	107 %	71.5-134	3051119	JH	12-May-23	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B

Surrogate: 1-Chlorooctane	75.6 %	48.2-134	3051113	MS	12-May-23	8015B
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Surrogate: 1-Chlorooctadecane	88.6 %	49.1-148	3051113	MS	12-May-23	8015B
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-226.0-00.3-S**H232332-34 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1810		16.0	mg/kg	4	3051234	GM	12-May-23	4500-Cl-B	QM-07
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051119	JH	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051119	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134 3051119 JH 12-May-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane 71.8 % 48.2-134 3051113 MS 12-May-23 8015B

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148 3051113 MS 12-May-23 8015B

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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-227.0-00.3-S**H232332-35 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1780		16.0	mg/kg	4	3051234	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051119	JH	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051119	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %		71.5-134	3051119	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			75.7 %		48.2-134	3051113	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			91.0 %		49.1-148	3051113	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-228.0-00.3-S**H232332-36 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	3280		16.0	mg/kg	4	3051234	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051119	JH	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051119	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %		71.5-134	3051119	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			77.4 %		48.2-134	3051113	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			89.1 %		49.1-148	3051113	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-229.0-00.3-S**H232332-37 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2110		16.0	mg/kg	4	3051234	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051119	JH	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051119	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	111 %	71.5-134	3051119	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	72.7 %	48.2-134	3051113	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	85.7 %	49.1-148	3051113	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-230.0-00.3-S**H232332-38 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	928		16.0	mg/kg	4	3051234	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051119	JH	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051119	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	107 %	71.5-134	3051119	JH	12-May-23	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B

Surrogate: 1-Chlorooctane	74.6 %	48.2-134	3051113	MS	12-May-23	8015B
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Surrogate: 1-Chlorooctadecane	89.2 %	49.1-148	3051113	MS	12-May-23	8015B
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-231.0-00.3-S**H232332-39 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1180		16.0	mg/kg	4	3051234	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051119	JH	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051119	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	110 %	71.5-134	3051119	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	77.0 %	48.2-134	3051113	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	92.5 %	49.1-148	3051113	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-232.0-00.3-S**H232332-40 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	368		16.0	mg/kg	4	3051234	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051119	JH	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051119	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %		71.5-134	3051119	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			77.3 %		48.2-134	3051113	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			90.9 %		49.1-148	3051113	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-233.0-00.3-S**H232332-41 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	208		16.0	mg/kg	4	3051234	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051119	JH	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051119	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	114 %	71.5-134	3051119	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	74.7 %	48.2-134	3051113	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	88.3 %	49.1-148	3051113	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-234.0-00.3-S**H232332-42 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	272		16.0	mg/kg	4	3051234	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051119	JH	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051119	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	106 %	71.5-134	3051119	JH	12-May-23	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B

Surrogate: 1-Chlorooctane	74.8 %	48.2-134	3051113	MS	12-May-23	8015B
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Surrogate: 1-Chlorooctadecane	88.4 %	49.1-148	3051113	MS	12-May-23	8015B
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-235.0-00.3-S**H232332-43 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1840		16.0	mg/kg	4	3051234	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051119	JH	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051119	JH	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051119	JH	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %		71.5-134	3051119	JH	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
DRO >C10-C28*	101		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
EXT DRO >C28-C36	109		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			70.1 %		48.2-134	3051113	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			86.5 %		49.1-148	3051113	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-236.0-00.3-S**H232332-44 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	304		16.0	mg/kg	4	3051234	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051119	JH	13-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051119	JH	13-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051119	JH	13-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051119	JH	13-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051119	JH	13-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	114 %	71.5-134	3051119	JH	13-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	74.8 %	48.2-134	3051113	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	89.4 %	49.1-148	3051113	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-237.0-00.3-S**H232332-45 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1650		16.0	mg/kg	4	3051234	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051119	JH	13-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051119	JH	13-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051119	JH	13-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051119	JH	13-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051119	JH	13-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %		71.5-134	3051119	JH	13-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			75.7 %		48.2-134	3051113	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			94.6 %		49.1-148	3051113	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-238.0-00.3-S**H232332-46 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	816		16.0	mg/kg	4	3051234	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051119	JH	13-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051119	JH	13-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051119	JH	13-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051119	JH	13-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051119	JH	13-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	110 %	71.5-134	3051119	JH	13-May-23	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B

Surrogate: 1-Chlorooctane	73.0 %	48.2-134	3051113	MS	12-May-23	8015B
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Surrogate: 1-Chlorooctadecane	90.0 %	49.1-148	3051113	MS	12-May-23	8015B
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-239.0-00.3-S**H232332-47 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1170		16.0	mg/kg	4	3051234	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051119	JH	13-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051119	JH	13-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051119	JH	13-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051119	JH	13-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051119	JH	13-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	109 %	71.5-134	3051119	JH	13-May-23	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B

Surrogate: 1-Chlorooctane	72.3 %	48.2-134	3051113	MS	12-May-23	8015B
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Surrogate: 1-Chlorooctadecane	87.2 %	49.1-148	3051113	MS	12-May-23	8015B
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-240.0-00.3-S**H232332-48 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	880		16.0	mg/kg	4	3051234	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051119	JH	13-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051119	JH	13-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051119	JH	13-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051119	JH	13-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051119	JH	13-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	108 %	71.5-134	3051119	JH	13-May-23	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B

Surrogate: 1-Chlorooctane	66.5 %	48.2-134	3051113	MS	12-May-23	8015B
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Surrogate: 1-Chlorooctadecane	79.1 %	49.1-148	3051113	MS	12-May-23	8015B
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-241.0-00.3-S**H232332-49 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1390		16.0	mg/kg	4	3051234	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051119	JH	13-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051119	JH	13-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051119	JH	13-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051119	JH	13-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051119	JH	13-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %		71.5-134	3051119	JH	13-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051113	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			71.0 %		48.2-134	3051113	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			84.5 %		49.1-148	3051113	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-242.0-00.3-S**H232332-50 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	848		16.0	mg/kg	4	3051234	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Toluene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	3051127	JH/	12-May-23	8021B
Total BTEX	<0.300	0.300	mg/kg	50	3051127	JH/	12-May-23	8021B

Surrogate: 4-Bromofluorobenzene (PID)	105 %	71.5-134	3051127	JH/	12-May-23	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B
DRO >C10-C28*	26.9	10.0	mg/kg	1	3051113	MS	12-May-23	8015B
EXT DRO >C28-C36	10.8	10.0	mg/kg	1	3051113	MS	12-May-23	8015B

Surrogate: 1-Chlorooctane	75.0 %	48.2-134	3051113	MS	12-May-23	8015B
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Surrogate: 1-Chlorooctadecane	87.4 %	49.1-148	3051113	MS	12-May-23	8015B
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-243.0-00.3-S**H232332-51 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	3051234	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051127	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	103 %	71.5-134	3051127	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051113	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	66.8 %	48.2-134	3051113	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	79.9 %	49.1-148	3051113	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-244.0-00.3-S**H232332-52 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	672		16.0	mg/kg	4	3051234	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051127	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	104 %	71.5-134	3051127	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051114	MS	12-May-23	8015B	QM-07
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051114	MS	12-May-23	8015B	QM-07
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051114	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	66.4 %	48.2-134	3051114	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	69.2 %	49.1-148	3051114	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-245.0-00.3-S**H232332-53 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	672		16.0	mg/kg	4	3051234	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051127	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	106 %	71.5-134	3051127	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051114	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051114	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051114	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	67.2 %	48.2-134	3051114	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	69.5 %	49.1-148	3051114	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-246.0-00.3-S**H232332-54 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1600		16.0	mg/kg	4	3051238	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051127	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %		71.5-134	3051127	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051114	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051114	MS	12-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051114	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			69.2 %		48.2-134	3051114	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			71.9 %		49.1-148	3051114	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-247.0-00.0-S**H232332-55 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	4040		16.0	mg/kg	4	3051238	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051127	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %		71.5-134	3051127	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051114	MS	12-May-23	8015B	
DRO >C10-C28*	63.0		10.0	mg/kg	1	3051114	MS	12-May-23	8015B	
EXT DRO >C28-C36	82.9		10.0	mg/kg	1	3051114	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			57.0 %		48.2-134	3051114	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			61.0 %		49.1-148	3051114	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-248.0-00.0-S**H232332-56 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	5760		16.0	mg/kg	4	3051238	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051127	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	102 %	71.5-134	3051127	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051114	MS	12-May-23	8015B	
DRO >C10-C28*	128	10.0	mg/kg	1	3051114	MS	12-May-23	8015B	
EXT DRO >C28-C36	169	10.0	mg/kg	1	3051114	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	63.9 %	48.2-134	3051114	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	69.9 %	49.1-148	3051114	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-249.0-00.0-S**H232332-57 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2240		16.0	mg/kg	4	3051238	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051127	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		3051127	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051114	MS	12-May-23	8015B	
DRO >C10-C28*	65.2		10.0	mg/kg	1	3051114	MS	12-May-23	8015B	
EXT DRO >C28-C36	87.7		10.0	mg/kg	1	3051114	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			61.3 %	48.2-134		3051114	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			66.1 %	49.1-148		3051114	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-250.0-00.0-S**H232332-58 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	3200		16.0	mg/kg	4	3051238	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Toluene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	3051127	JH/	12-May-23	8021B
Total BTEX	<0.300	0.300	mg/kg	50	3051127	JH/	12-May-23	8021B

Surrogate: 4-Bromofluorobenzene (PID)	106 %	71.5-134	3051127	JH/	12-May-23	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051114	MS	12-May-23	8015B
DRO >C10-C28*	37.9	10.0	mg/kg	1	3051114	MS	12-May-23	8015B
EXT DRO >C28-C36	47.7	10.0	mg/kg	1	3051114	MS	12-May-23	8015B

Surrogate: 1-Chlorooctane	54.2 %	48.2-134	3051114	MS	12-May-23	8015B
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Surrogate: 1-Chlorooctadecane	58.2 %	49.1-148	3051114	MS	12-May-23	8015B
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Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-251.0-00.0-S**H232332-59 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1520		16.0	mg/kg	4	3051238	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Toluene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	3051127	JH/	12-May-23	8021B
Total BTEX	<0.300	0.300	mg/kg	50	3051127	JH/	12-May-23	8021B

Surrogate: 4-Bromofluorobenzene (PID)	105 %	71.5-134	3051127	JH/	12-May-23	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051114	MS	12-May-23	8015B
DRO >C10-C28*	57.8	10.0	mg/kg	1	3051114	MS	12-May-23	8015B
EXT DRO >C28-C36	81.3	10.0	mg/kg	1	3051114	MS	12-May-23	8015B

Surrogate: 1-Chlorooctane	49.3 %	48.2-134	3051114	MS	12-May-23	8015B
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Surrogate: 1-Chlorooctadecane	53.1 %	49.1-148	3051114	MS	12-May-23	8015B
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-252.0-00.0-S**H232332-60 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1840		16.0	mg/kg	4	3051238	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051127	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	105 %	71.5-134	3051127	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051114	MS	12-May-23	8015B	
DRO >C10-C28*	41.3	10.0	mg/kg	1	3051114	MS	12-May-23	8015B	
EXT DRO >C28-C36	61.0	10.0	mg/kg	1	3051114	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	61.5 %	48.2-134	3051114	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	65.5 %	49.1-148	3051114	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-253.0-00.0-S**H232332-61 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1140		16.0	mg/kg	4	3051238	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Toluene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	3051127	JH/	12-May-23	8021B
Total BTEX	<0.300	0.300	mg/kg	50	3051127	JH/	12-May-23	8021B

Surrogate: 4-Bromofluorobenzene (PID)	105 %	71.5-134	3051127	JH/	12-May-23	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051114	MS	12-May-23	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051114	MS	12-May-23	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051114	MS	12-May-23	8015B

Surrogate: 1-Chlorooctane	57.5 %	48.2-134	3051114	MS	12-May-23	8015B
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Surrogate: 1-Chlorooctadecane	60.1 %	49.1-148	3051114	MS	12-May-23	8015B
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-254.0-00.0-S
H232332-62 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	3560		16.0	mg/kg	4	3051238	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Toluene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	3051127	JH/	12-May-23	8021B
Total BTEX	<0.300	0.300	mg/kg	50	3051127	JH/	12-May-23	8021B

Surrogate: 4-Bromofluorobenzene (PID)	105 %	71.5-134	3051127	JH/	12-May-23	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051114	MS	12-May-23	8015B
DRO >C10-C28*	183	10.0	mg/kg	1	3051114	MS	12-May-23	8015B
EXT DRO >C28-C36	255	10.0	mg/kg	1	3051114	MS	12-May-23	8015B

Surrogate: 1-Chlorooctane	58.7 %	48.2-134	3051114	MS	12-May-23	8015B
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Surrogate: 1-Chlorooctadecane	65.3 %	49.1-148	3051114	MS	12-May-23	8015B
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-255.0-00.0-S**H232332-63 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1920		16.0	mg/kg	4	3051238	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Toluene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	3051127	JH/	12-May-23	8021B
Total BTEX	<0.300	0.300	mg/kg	50	3051127	JH/	12-May-23	8021B

Surrogate: 4-Bromofluorobenzene (PID)	106 %	71.5-134	3051127	JH/	12-May-23	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051114	MS	12-May-23	8015B
DRO >C10-C28*	51.4	10.0	mg/kg	1	3051114	MS	12-May-23	8015B
EXT DRO >C28-C36	77.3	10.0	mg/kg	1	3051114	MS	12-May-23	8015B

Surrogate: 1-Chlorooctane	49.1 %	48.2-134	3051114	MS	12-May-23	8015B
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Surrogate: 1-Chlorooctadecane	52.3 %	49.1-148	3051114	MS	12-May-23	8015B
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-256.0-00.0-S**H232332-64 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1560		16.0	mg/kg	4	3051238	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051127	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %		71.5-134	3051127	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051114	MS	12-May-23	8015B	
DRO >C10-C28*	19.7		10.0	mg/kg	1	3051114	MS	12-May-23	8015B	
EXT DRO >C28-C36	33.8		10.0	mg/kg	1	3051114	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			53.6 %		48.2-134	3051114	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			56.7 %		49.1-148	3051114	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-257.0-00.0-S**H232332-65 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1440		16.0	mg/kg	4	3051238	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051127	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134 3051127 JH/ 12-May-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051114	MS	15-May-23	8015B	
DRO >C10-C28*	77.4		10.0	mg/kg	1	3051114	MS	15-May-23	8015B	
EXT DRO >C28-C36	123		10.0	mg/kg	1	3051114	MS	15-May-23	8015B	

Surrogate: 1-Chlorooctane 115 % 48.2-134 3051114 MS 15-May-23 8015B

Surrogate: 1-Chlorooctadecane 121 % 49.1-148 3051114 MS 15-May-23 8015B

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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-258.0-00.0-S**H232332-66 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1280		16.0	mg/kg	4	3051238	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051127	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		71.5-134	3051127	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051114	MS	15-May-23	8015B	
DRO >C10-C28*	73.1		10.0	mg/kg	1	3051114	MS	15-May-23	8015B	
EXT DRO >C28-C36	108		10.0	mg/kg	1	3051114	MS	15-May-23	8015B	

Surrogate: 1-Chlorooctane			107 %		48.2-134	3051114	MS	15-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			114 %		49.1-148	3051114	MS	15-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-259.0-00.0-S**H232332-67 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1220		16.0	mg/kg	4	3051238	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Toluene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	3051127	JH/	12-May-23	8021B
Total BTEX	<0.300	0.300	mg/kg	50	3051127	JH/	12-May-23	8021B

Surrogate: 4-Bromofluorobenzene (PID)	103 %	71.5-134	3051127	JH/	12-May-23	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051114	MS	15-May-23	8015B
DRO >C10-C28*	13.8	10.0	mg/kg	1	3051114	MS	15-May-23	8015B
EXT DRO >C28-C36	27.8	10.0	mg/kg	1	3051114	MS	15-May-23	8015B

Surrogate: 1-Chlorooctane	86.9 %	48.2-134	3051114	MS	15-May-23	8015B
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Surrogate: 1-Chlorooctadecane	90.7 %	49.1-148	3051114	MS	15-May-23	8015B
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-260.0-00.0-S**H232332-68 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1280		16.0	mg/kg	4	3051238	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051127	JH/	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051127	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %		71.5-134	3051127	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051114	MS	12-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051114	MS	12-May-23	8015B	
EXT DRO >C28-C36	12.3		10.0	mg/kg	1	3051114	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			49.6 %		48.2-134	3051114	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			51.7 %		49.1-148	3051114	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-261.0-00.0-S**H232332-69 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	3120		16.0	mg/kg	4	3051238	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Toluene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051127	JH/	12-May-23	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	3051127	JH/	12-May-23	8021B
Total BTEX	<0.300	0.300	mg/kg	50	3051127	JH/	12-May-23	8021B

Surrogate: 4-Bromofluorobenzene (PID)	104 %	71.5-134	3051127	JH/	12-May-23	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051114	MS	15-May-23	8015B
DRO >C10-C28*	17.1	10.0	mg/kg	1	3051114	MS	15-May-23	8015B
EXT DRO >C28-C36	27.4	10.0	mg/kg	1	3051114	MS	15-May-23	8015B

Surrogate: 1-Chlorooctane	102 %	48.2-134	3051114	MS	15-May-23	8015B
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Surrogate: 1-Chlorooctadecane	105 %	49.1-148	3051114	MS	15-May-23	8015B
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-262.0-00.0-S**H232332-70 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1040		16.0	mg/kg	4	3051238	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051128	JH/	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051128	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %		71.5-134	3051128	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051114	MS	15-May-23	8015B	
DRO >C10-C28*	205		10.0	mg/kg	1	3051114	MS	15-May-23	8015B	
EXT DRO >C28-C36	371		10.0	mg/kg	1	3051114	MS	15-May-23	8015B	

Surrogate: 1-Chlorooctane			99.6 %		48.2-134	3051114	MS	15-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			109 %		49.1-148	3051114	MS	15-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-263.0-00.0-S**H232332-71 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2280		16.0	mg/kg	4	3051238	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051128	JH/	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051128	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %		71.5-134	3051128	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051114	MS	15-May-23	8015B	
DRO >C10-C28*	68.9		10.0	mg/kg	1	3051114	MS	15-May-23	8015B	
EXT DRO >C28-C36	113		10.0	mg/kg	1	3051114	MS	15-May-23	8015B	

Surrogate: 1-Chlorooctane			86.3 %		48.2-134	3051114	MS	15-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			90.1 %		49.1-148	3051114	MS	15-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-264.0-00.0-S**H232332-72 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1090		16.0	mg/kg	4	3051238	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051128	JH/	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051128	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	109 %	71.5-134	3051128	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051115	MS	12-May-23	8015B	
DRO >C10-C28*	48.0	10.0	mg/kg	1	3051115	MS	12-May-23	8015B	
EXT DRO >C28-C36	59.6	10.0	mg/kg	1	3051115	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	68.2 %	48.2-134	3051115	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	75.3 %	49.1-148	3051115	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-265.0-00.0-S**H232332-73 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	4160		16.0	mg/kg	4	3051238	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051128	JH/	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051128	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %		71.5-134	3051128	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051115	MS	12-May-23	8015B	
DRO >C10-C28*	86.3		10.0	mg/kg	1	3051115	MS	12-May-23	8015B	
EXT DRO >C28-C36	94.1		10.0	mg/kg	1	3051115	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			77.4 %		48.2-134	3051115	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			85.2 %		49.1-148	3051115	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-266.0-00.0-S**H232332-74 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	4360		16.0	mg/kg	4	3051239	GM	12-May-23	4500-Cl-B	QM-07
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051128	JH/	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051128	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134 3051128 JH/ 12-May-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051115	MS	12-May-23	8015B	
DRO >C10-C28*	58.9		10.0	mg/kg	1	3051115	MS	12-May-23	8015B	
EXT DRO >C28-C36	83.4		10.0	mg/kg	1	3051115	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane 76.5 % 48.2-134 3051115 MS 12-May-23 8015B

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148 3051115 MS 12-May-23 8015B

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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-267.0-00.0-S**H232332-75 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2180		16.0	mg/kg	4	3051239	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051128	JH/	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051128	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	109 %	71.5-134	3051128	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051115	MS	12-May-23	8015B	
DRO >C10-C28*	28.9	10.0	mg/kg	1	3051115	MS	12-May-23	8015B	
EXT DRO >C28-C36	41.2	10.0	mg/kg	1	3051115	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	72.9 %	48.2-134	3051115	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	78.7 %	49.1-148	3051115	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-268.0-00.0-S**H232332-76 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2920		16.0	mg/kg	4	3051239	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051128	JH/	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051128	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %		71.5-134	3051128	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051115	MS	12-May-23	8015B	
DRO >C10-C28*	30.9		10.0	mg/kg	1	3051115	MS	12-May-23	8015B	
EXT DRO >C28-C36	29.6		10.0	mg/kg	1	3051115	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			70.0 %		48.2-134	3051115	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			80.2 %		49.1-148	3051115	MS	12-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-269.0-00.0-S**H232332-77 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1180		16.0	mg/kg	4	3051239	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051128	JH/	12-May-23	8021B
Toluene*	<0.050	0.050	mg/kg	50	3051128	JH/	12-May-23	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051128	JH/	12-May-23	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	3051128	JH/	12-May-23	8021B
Total BTEX	<0.300	0.300	mg/kg	50	3051128	JH/	12-May-23	8021B

Surrogate: 4-Bromofluorobenzene (PID)	110 %	71.5-134	3051128	JH/	12-May-23	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051115	MS	12-May-23	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051115	MS	12-May-23	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051115	MS	12-May-23	8015B

Surrogate: 1-Chlorooctane	66.6 %	48.2-134	3051115	MS	12-May-23	8015B
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Surrogate: 1-Chlorooctadecane	71.8 %	49.1-148	3051115	MS	12-May-23	8015B
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-270.0-00.0-S**H232332-78 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2680		16.0	mg/kg	4	3051239	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051128	JH/	12-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051128	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %		71.5-134		3051128	JH/	12-May-23	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051115	MS	12-May-23	8015B	
DRO >C10-C28*	29.1		10.0	mg/kg	1	3051115	MS	12-May-23	8015B	
EXT DRO >C28-C36	19.2		10.0	mg/kg	1	3051115	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane			62.7 %		48.2-134		3051115	MS	12-May-23	8015B
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Surrogate: 1-Chlorooctadecane			67.6 %		49.1-148		3051115	MS	12-May-23	8015B
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-271.0-00.0-S**H232332-79 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1660		16.0	mg/kg	4	3051239	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051128	JH/	12-May-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3051128	JH/	12-May-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3051128	JH/	12-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	115 %	71.5-134	3051128	JH/	12-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051115	MS	12-May-23	8015B	
DRO >C10-C28*	16.5	10.0	mg/kg	1	3051115	MS	12-May-23	8015B	
EXT DRO >C28-C36	24.0	10.0	mg/kg	1	3051115	MS	12-May-23	8015B	

Surrogate: 1-Chlorooctane	67.9 %	48.2-134	3051115	MS	12-May-23	8015B	
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Surrogate: 1-Chlorooctadecane	72.6 %	49.1-148	3051115	MS	12-May-23	8015B	
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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
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

CF-272.0-00.0-S**H232332-80 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	976		16.0	mg/kg	4	3051239	GM	12-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3051128	JH/	12-May-23	8021B
Toluene*	<0.050	0.050	mg/kg	50	3051128	JH/	12-May-23	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	3051128	JH/	12-May-23	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	3051128	JH/	12-May-23	8021B
Total BTEX	<0.300	0.300	mg/kg	50	3051128	JH/	12-May-23	8021B

Surrogate: 4-Bromofluorobenzene (PID)	113 %	71.5-134	3051128	JH/	12-May-23	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3051115	MS	12-May-23	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3051115	MS	12-May-23	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3051115	MS	12-May-23	8015B

Surrogate: 1-Chlorooctane	68.5 %	48.2-134	3051115	MS	12-May-23	8015B
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Surrogate: 1-Chlorooctadecane	73.2 %	49.1-148	3051115	MS	12-May-23	8015B
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3051144 - 1:4 DI Water**Blank (3051144-BLK1)**

Prepared & Analyzed: 11-May-23

Chloride	ND	16.0	mg/kg
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LCS (3051144-BS1)

Prepared & Analyzed: 11-May-23

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (3051144-BSD1)

Prepared & Analyzed: 11-May-23

Chloride	416	16.0	mg/kg	400	104	80-120	0.00	20
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Batch 3051218 - 1:4 DI Water**Blank (3051218-BLK1)**

Prepared & Analyzed: 12-May-23

Chloride	ND	16.0	mg/kg
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LCS (3051218-BS1)

Prepared & Analyzed: 12-May-23

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (3051218-BSD1)

Prepared & Analyzed: 12-May-23

Chloride	432	16.0	mg/kg	400	108	80-120	3.77	20
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Batch 3051234 - 1:4 DI Water**Blank (3051234-BLK1)**

Prepared & Analyzed: 12-May-23

Chloride	ND	16.0	mg/kg
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LCS (3051234-BS1)

Prepared & Analyzed: 12-May-23

Chloride	432	16.0	mg/kg	400	108	80-120
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3051234 - 1:4 DI Water**LCS Dup (3051234-BSD1)**

Prepared & Analyzed: 12-May-23

Chloride	416	16.0	mg/kg	400	104	80-120	3.77	20
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Batch 3051238 - 1:4 DI Water**Blank (3051238-BLK1)**

Prepared & Analyzed: 12-May-23

Chloride	ND	16.0	mg/kg
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LCS (3051238-BS1)

Prepared & Analyzed: 12-May-23

Chloride	400	16.0	mg/kg	400	100	80-120
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LCS Dup (3051238-BSD1)

Prepared & Analyzed: 12-May-23

Chloride	416	16.0	mg/kg	400	104	80-120	3.92	20
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Batch 3051239 - 1:4 DI Water**Blank (3051239-BLK1)**

Prepared & Analyzed: 12-May-23

Chloride	ND	16.0	mg/kg
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LCS (3051239-BS1)

Prepared & Analyzed: 12-May-23

Chloride	400	16.0	mg/kg	400	100	80-120
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LCS Dup (3051239-BSD1)

Prepared & Analyzed: 12-May-23

Chloride	416	16.0	mg/kg	400	104	80-120	3.92	20
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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3051117 - Volatiles**Blank (3051117-BLK1)**

Prepared: 11-May-23 Analyzed: 12-May-23

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0558		mg/kg	0.0500		112	71.5-134			

LCS (3051117-BS1)

Prepared: 11-May-23 Analyzed: 12-May-23

Benzene	1.97	0.050	mg/kg	2.00		98.4	81.4-118			
Toluene	2.04	0.050	mg/kg	2.00		102	88.7-121			
Ethylbenzene	2.14	0.050	mg/kg	2.00		107	86.1-120			
m,p-Xylene	4.26	0.100	mg/kg	4.00		106	88.2-124			
o-Xylene	2.10	0.050	mg/kg	2.00		105	84.9-118			
Total Xylenes	6.36	0.150	mg/kg	6.00		106	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0503		mg/kg	0.0500		101	71.5-134			

LCS Dup (3051117-BSD1)

Prepared: 11-May-23 Analyzed: 12-May-23

Benzene	1.70	0.050	mg/kg	2.00		85.0	81.4-118	14.6	15.8	
Toluene	1.77	0.050	mg/kg	2.00		88.3	88.7-121	14.3	15.9	BS-3
Ethylbenzene	1.85	0.050	mg/kg	2.00		92.6	86.1-120	14.5	16	
m,p-Xylene	3.68	0.100	mg/kg	4.00		92.1	88.2-124	14.5	16.2	
o-Xylene	1.80	0.050	mg/kg	2.00		89.8	84.9-118	15.8	16.7	
Total Xylenes	5.48	0.150	mg/kg	6.00		91.3	87.3-122	14.9	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0521		mg/kg	0.0500		104	71.5-134			

Batch 3051118 - Volatiles**Blank (3051118-BLK1)**

Prepared: 11-May-23 Analyzed: 12-May-23

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3051118 - Volatiles**Blank (3051118-BLK1)**

Prepared: 11-May-23 Analyzed: 12-May-23

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0534		mg/kg	0.0500		107	71.5-134			

LCS (3051118-BS1)

Prepared: 11-May-23 Analyzed: 12-May-23

Benzene	2.07	0.050	mg/kg	2.00		104	81.4-118			
Toluene	2.23	0.050	mg/kg	2.00		112	88.7-121			
Ethylbenzene	2.41	0.050	mg/kg	2.00		120	86.1-120			
m,p-Xylene	4.85	0.100	mg/kg	4.00		121	88.2-124			
o-Xylene	2.38	0.050	mg/kg	2.00		119	84.9-118			BS-3
Total Xylenes	7.23	0.150	mg/kg	6.00		120	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0573		mg/kg	0.0500		115	71.5-134			

LCS Dup (3051118-BSD1)

Prepared: 11-May-23 Analyzed: 12-May-23

Benzene	1.68	0.050	mg/kg	2.00		83.9	81.4-118	21.1	15.8	QR-04
Toluene	1.77	0.050	mg/kg	2.00		88.3	88.7-121	23.3	15.9	BS-3, QR-04
Ethylbenzene	1.89	0.050	mg/kg	2.00		94.5	86.1-120	24.1	16	QR-04
m,p-Xylene	3.78	0.100	mg/kg	4.00		94.4	88.2-124	24.9	16.2	QR-04
o-Xylene	1.86	0.050	mg/kg	2.00		92.9	84.9-118	24.5	16.7	QR-04
Total Xylenes	5.63	0.150	mg/kg	6.00		93.9	87.3-122	24.8	16.3	QR-04
Surrogate: 4-Bromofluorobenzene (PID)	0.0540		mg/kg	0.0500		108	71.5-134			

Batch 3051119 - Volatiles**Blank (3051119-BLK1)**

Prepared: 11-May-23 Analyzed: 12-May-23

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0535		mg/kg	0.0500		107	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3051119 - Volatiles**LCS (3051119-BS1)**

Prepared: 11-May-23 Analyzed: 12-May-23

Benzene	2.19	0.050	mg/kg	2.00		110	81.4-118			
Toluene	2.25	0.050	mg/kg	2.00		113	88.7-121			
Ethylbenzene	2.38	0.050	mg/kg	2.00		119	86.1-120			
m,p-Xylene	4.77	0.100	mg/kg	4.00		119	88.2-124			
o-Xylene	2.34	0.050	mg/kg	2.00		117	84.9-118			
Total Xylenes	7.11	0.150	mg/kg	6.00		118	87.3-122			

Surrogate: 4-Bromofluorobenzene (PID) 0.0523 mg/kg 0.0500 105 71.5-134

LCS Dup (3051119-BSD1)

Prepared: 11-May-23 Analyzed: 12-May-23

Benzene	1.79	0.050	mg/kg	2.00		89.7	81.4-118	20.0	15.8	QR-04
Toluene	1.83	0.050	mg/kg	2.00		91.4	88.7-121	20.8	15.9	QR-04
Ethylbenzene	1.93	0.050	mg/kg	2.00		96.4	86.1-120	20.9	16	QR-04
m,p-Xylene	3.80	0.100	mg/kg	4.00		95.1	88.2-124	22.5	16.2	QR-04
o-Xylene	1.87	0.050	mg/kg	2.00		93.7	84.9-118	22.0	16.7	QR-04
Total Xylenes	5.68	0.150	mg/kg	6.00		94.6	87.3-122	22.4	16.3	QR-04

Surrogate: 4-Bromofluorobenzene (PID) 0.0535 mg/kg 0.0500 107 71.5-134

Batch 3051127 - Volatiles**Blank (3051127-BLK1)**

Prepared: 11-May-23 Analyzed: 12-May-23

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							

Surrogate: 4-Bromofluorobenzene (PID) 0.0522 mg/kg 0.0500 104 71.5-134

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3051127 - Volatiles**LCS (3051127-BS1)**

Prepared: 11-May-23 Analyzed: 12-May-23

Benzene	1.95	0.050	mg/kg	2.00		97.4	81.4-118			
Toluene	2.00	0.050	mg/kg	2.00		100	88.7-121			
Ethylbenzene	1.96	0.050	mg/kg	2.00		97.8	86.1-120			
m,p-Xylene	4.14	0.100	mg/kg	4.00		103	88.2-124			
o-Xylene	1.98	0.050	mg/kg	2.00		99.0	84.9-118			
Total Xylenes	6.11	0.150	mg/kg	6.00		102	87.3-122			

Surrogate: 4-Bromofluorobenzene (PID)

0.0502

mg/kg

0.0500

100

71.5-134

LCS Dup (3051127-BSD1)

Prepared: 11-May-23 Analyzed: 12-May-23

Benzene	2.09	0.050	mg/kg	2.00		104	81.4-118	6.88	15.8	
Toluene	2.14	0.050	mg/kg	2.00		107	88.7-121	6.75	15.9	
Ethylbenzene	2.09	0.050	mg/kg	2.00		104	86.1-120	6.54	16	
m,p-Xylene	4.39	0.100	mg/kg	4.00		110	88.2-124	5.86	16.2	
o-Xylene	2.07	0.050	mg/kg	2.00		104	84.9-118	4.65	16.7	
Total Xylenes	6.46	0.150	mg/kg	6.00		108	87.3-122	5.47	16.3	

Surrogate: 4-Bromofluorobenzene (PID)

0.0514

mg/kg

0.0500

103

71.5-134

Batch 3051128 - Volatiles**Blank (3051128-BLK1)**

Prepared: 11-May-23 Analyzed: 12-May-23

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							

Surrogate: 4-Bromofluorobenzene (PID)

0.0565

mg/kg

0.0500

113

71.5-134

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3051128 - Volatiles**LCS (3051128-BS1)**

Prepared: 11-May-23 Analyzed: 12-May-23

Benzene	2.03	0.050	mg/kg	2.00		102	81.4-118			
Toluene	2.15	0.050	mg/kg	2.00		108	88.7-121			
Ethylbenzene	2.24	0.050	mg/kg	2.00		112	86.1-120			
m,p-Xylene	4.40	0.100	mg/kg	4.00		110	88.2-124			
o-Xylene	2.15	0.050	mg/kg	2.00		108	84.9-118			
Total Xylenes	6.56	0.150	mg/kg	6.00		109	87.3-122			

Surrogate: 4-Bromofluorobenzene (PID)

0.0534

mg/kg

0.0500

107

71.5-134

LCS Dup (3051128-BSD1)

Prepared: 11-May-23 Analyzed: 12-May-23

Benzene	2.11	0.050	mg/kg	2.00		105	81.4-118	3.77	15.8	
Toluene	2.20	0.050	mg/kg	2.00		110	88.7-121	2.38	15.9	
Ethylbenzene	2.28	0.050	mg/kg	2.00		114	86.1-120	2.16	16	
m,p-Xylene	4.51	0.100	mg/kg	4.00		113	88.2-124	2.28	16.2	
o-Xylene	2.21	0.050	mg/kg	2.00		111	84.9-118	2.73	16.7	
Total Xylenes	6.72	0.150	mg/kg	6.00		112	87.3-122	2.43	16.3	

Surrogate: 4-Bromofluorobenzene (PID)

0.0519

mg/kg

0.0500

104

71.5-134

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 3051111 - General Prep - Organics**Blank (3051111-BLK1)**

Prepared & Analyzed: 11-May-23

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	44.3		mg/kg	49.6		89.4		48.2-134	
Surrogate: 1-Chlorooctadecane	47.5		mg/kg	50.0		94.9		49.1-148	

LCS (3051111-BS1)

Prepared & Analyzed: 11-May-23

GRO C6-C10	199	10.0	mg/kg	200		99.5		78.5-124	
DRO >C10-C28	194	10.0	mg/kg	200		97.0		72.5-126	
Total TPH C6-C28	393	10.0	mg/kg	400		98.2		77.6-123	
Surrogate: 1-Chlorooctane	47.1		mg/kg	49.6		95.1		48.2-134	
Surrogate: 1-Chlorooctadecane	55.0		mg/kg	50.0		110		49.1-148	

LCS Dup (3051111-BSD1)

Prepared & Analyzed: 11-May-23

GRO C6-C10	194	10.0	mg/kg	200		97.1	78.5-124	2.39	17.7
DRO >C10-C28	187	10.0	mg/kg	200		93.6	72.5-126	3.53	21
Total TPH C6-C28	382	10.0	mg/kg	400		95.4	77.6-123	2.95	18.5
Surrogate: 1-Chlorooctane	48.9		mg/kg	49.6		98.7	48.2-134		
Surrogate: 1-Chlorooctadecane	55.5		mg/kg	50.0		111	49.1-148		

Batch 3051112 - General Prep - Organics**Blank (3051112-BLK1)**

Prepared: 11-May-23 Analyzed: 12-May-23

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	54.8		mg/kg	49.6		111	48.2-134		
Surrogate: 1-Chlorooctadecane	53.5		mg/kg	50.0		107	49.1-148		

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Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
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Reported:
16-May-23 16:45

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 3051112 - General Prep - Organics**LCS (3051112-BS1)**

Prepared: 11-May-23 Analyzed: 12-May-23

GRO C6-C10	232	10.0	mg/kg	200		116	78.5-124		
DRO >C10-C28	211	10.0	mg/kg	200		105	72.5-126		
Total TPH C6-C28	442	10.0	mg/kg	400		111	77.6-123		
Surrogate: 1-Chlorooctane	59.8		mg/kg	49.6		121	48.2-134		
Surrogate: 1-Chlorooctadecane	56.0		mg/kg	50.0		112	49.1-148		

LCS Dup (3051112-BSD1)

Prepared: 11-May-23 Analyzed: 12-May-23

GRO C6-C10	223	10.0	mg/kg	200		112	78.5-124	3.74	17.7
DRO >C10-C28	210	10.0	mg/kg	200		105	72.5-126	0.240	21
Total TPH C6-C28	433	10.0	mg/kg	400		108	77.6-123	2.06	18.5
Surrogate: 1-Chlorooctane	61.2		mg/kg	49.6		123	48.2-134		
Surrogate: 1-Chlorooctadecane	57.3		mg/kg	50.0		115	49.1-148		

Batch 3051113 - General Prep - Organics**Blank (3051113-BLK1)**

Prepared: 11-May-23 Analyzed: 12-May-23

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	43.2		mg/kg	49.6		87.2	48.2-134		
Surrogate: 1-Chlorooctadecane	51.2		mg/kg	50.0		102	49.1-148		

LCS (3051113-BS1)

Prepared: 11-May-23 Analyzed: 12-May-23

GRO C6-C10	183	10.0	mg/kg	200		91.3	78.5-124		
DRO >C10-C28	200	10.0	mg/kg	200		100	72.5-126		
Total TPH C6-C28	383	10.0	mg/kg	400		95.7	77.6-123		
Surrogate: 1-Chlorooctane	46.9		mg/kg	49.6		94.6	48.2-134		
Surrogate: 1-Chlorooctadecane	54.3		mg/kg	50.0		109	49.1-148		

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 3051113 - General Prep - Organics**LCS Dup (3051113-BSD1)**

Prepared: 11-May-23 Analyzed: 12-May-23

GRO C6-C10	183	10.0	mg/kg	200		91.5	78.5-124	0.195	17.7	
DRO >C10-C28	202	10.0	mg/kg	200		101	72.5-126	0.849	21	
Total TPH C6-C28	385	10.0	mg/kg	400		96.2	77.6-123	0.537	18.5	
Surrogate: 1-Chlorooctane	47.8		mg/kg	49.6		96.4	48.2-134			
Surrogate: 1-Chlorooctadecane	54.8		mg/kg	50.0		110	49.1-148			

Batch 3051114 - General Prep - Organics**Blank (3051114-BLK1)**

Prepared: 11-May-23 Analyzed: 12-May-23

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	44.2		mg/kg	49.6		89.2	48.2-134			
Surrogate: 1-Chlorooctadecane	47.0		mg/kg	50.0		93.9	49.1-148			

LCS (3051114-BS1)

Prepared: 11-May-23 Analyzed: 12-May-23

GRO C6-C10	218	10.0	mg/kg	200		109	78.5-124			
DRO >C10-C28	211	10.0	mg/kg	200		105	72.5-126			
Total TPH C6-C28	429	10.0	mg/kg	400		107	77.6-123			
Surrogate: 1-Chlorooctane	48.2		mg/kg	49.6		97.3	48.2-134			
Surrogate: 1-Chlorooctadecane	54.5		mg/kg	50.0		109	49.1-148			

LCS Dup (3051114-BSD1)

Prepared: 11-May-23 Analyzed: 12-May-23

GRO C6-C10	209	10.0	mg/kg	200		104	78.5-124	4.33	17.7	
DRO >C10-C28	200	10.0	mg/kg	200		100	72.5-126	5.16	21	
Total TPH C6-C28	409	10.0	mg/kg	400		102	77.6-123	4.74	18.5	
Surrogate: 1-Chlorooctane	48.2		mg/kg	49.6		97.4	48.2-134			
Surrogate: 1-Chlorooctadecane	54.6		mg/kg	50.0		109	49.1-148			

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS NM, 88241

Project: SLWMS COLTRANE FRAC BOOSTER
Project Number: NONE GIVEN
Project Manager: DAN DUNKELBERG
Fax To: NONE

Reported:
16-May-23 16:45

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	----------------	-----	--------------	-------

Batch 3051115 - General Prep - Organics**Blank (3051115-BLK1)**

Prepared: 11-May-23 Analyzed: 12-May-23

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	48.5		mg/kg	49.6		97.9	48.2-134		
Surrogate: 1-Chlorooctadecane	53.4		mg/kg	50.0		107	49.1-148		

LCS (3051115-BS1)

Prepared: 11-May-23 Analyzed: 12-May-23

GRO C6-C10	217	10.0	mg/kg	200		109	78.5-124		
DRO >C10-C28	201	10.0	mg/kg	200		101	72.5-126		
Total TPH C6-C28	419	10.0	mg/kg	400		105	77.6-123		
Surrogate: 1-Chlorooctane	51.9		mg/kg	49.6		105	48.2-134		
Surrogate: 1-Chlorooctadecane	54.6		mg/kg	50.0		109	49.1-148		

LCS Dup (3051115-BSD1)

Prepared: 11-May-23 Analyzed: 12-May-23

GRO C6-C10	211	10.0	mg/kg	200		105	78.5-124	3.13	17.7
DRO >C10-C28	192	10.0	mg/kg	200		95.8	72.5-126	4.96	21
Total TPH C6-C28	402	10.0	mg/kg	400		101	77.6-123	4.01	18.5
Surrogate: 1-Chlorooctane	54.1		mg/kg	49.6		109	48.2-134		
Surrogate: 1-Chlorooctadecane	56.5		mg/kg	50.0		113	49.1-148		

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager

Page 97 of 104

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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		P.O. #:		BILL TO		ANALYSIS REQUEST					
Project Manager: Dan Dunkelberg		Company:		Mewbourne Oil Co.							
Address: 8426 N Dal Paso		Attn:		Corne Walker							
City: Hobbs		State: NM		Zip: 88241							
Phone #:		Fax #:		Address:							
Project #:		Project Owner: (see below)		City:							
Project Name: SIVMS Coltrane Frac Booster		State:		Zip:							
Project Location: Eddy Co., NM		Phone #:		Fax #:							
Sampler Name: JC		Matrix:		PRESERV.		SAMPLING					
FOR LAB USE ONLY		GROUNDWATER									
		WASTEWATER									
		SOIL									
		OIL									
		SLUDGE									
		OTHER :									
		ACID/BASE									
		ICE / COOL									
		OTHER :									
Lab I.D.		DATE		TIME							
Sample I.D.											
21 CF-213.0-00.3-S		C 1		5/10/2023		Chloride					
22 CF-214.0-00.3-S		C 1		5/10/2023		TPH					
23 CF-215.0-00.3-S		C 1		5/10/2023		BTEX					
24 CF-216.0-00.3-S		C 1		5/10/2023							
25 CF-217.0-00.3-S		C 1		5/10/2023							
26 CF-218.0-00.3-S		C 1		5/10/2023							
27 CF-219.0-00.3-S		C 1		5/10/2023							
28 CF-220.0-00.3-S		C 1		5/10/2023							
29 CF-221.0-00.3-S		C 1		5/10/2023							
30 CF-222.0-00.3-S		C 1		5/10/2023							
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Relinquished By: [Signature]		Date: 5/10/23		Received By: [Signature]		All Results are emailed. Please provide Email address:					
Relinquished By: [Signature]		Date: 5/10/23		Received By: [Signature]		REMARKS:					
Delivered By: (Circle One)		Observed Temp. °C 1.3		Sample Condition		CHECKED BY: (Initials)		Turnaround Time:		Standard	
Sampler - UPS - Bus - Other:		Corrected Temp. °C 6.7		Cool Intact <input checked="" type="checkbox"/> Seals <input checked="" type="checkbox"/>		Thermometer ID #113		Correction Factor -0.5 °C		Bacteria (only) Sample Condition	
				No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>						Cool <input type="checkbox"/> Intact <input type="checkbox"/>	
										Observed Temp. °C	
										Corrected Temp. °C	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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 Del Paso

City: Hobbs

State: NM **Zip:** 88241

Phone #: **Fax #:**

Project #:

Project Name: SLWMS Coltrane Frac Booster

Project Location: Eddy Co., NM

Sample Name: JC

BILL TO

P.O. #: **Company:** Merbourne Oil Co.

Attn: Corrie Walker

Address:

City: **State:** **Zip:**

Phone #: **Fax #:**

FOR LAB USE ONLY

H233332

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX							
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER												ACID/BASE
51	CF-243.0-00.3-S	C 1	X							5/10/2023		X	X	X							
53	CF-244.0-00.3-S	C 1	X							5/10/2023		X	X	X							
53	CF-245.0-00.3-S	C 1	X							5/10/2023		X	X	X							
54	CF-246.0-00.3-S	C 1	X							5/10/2023		X	X	X							
55	CF-247.0-00.0-S	C 1	X							5/10/2023		X	X	X							
56	CF-248.0-00.0-S	C 1	X							5/10/2023		X	X	X							
57	CF-249.0-00.0-S	C 1	X							5/10/2023		X	X	X							
58	CF-250.0-00.0-S	C 1	X							5/10/2023		X	X	X							
59	CF-251.0-00.0-S	C 1	X							5/10/2023		X	X	X							
60	CF-252.0-00.0-S	C 1	X							5/10/2023		X	X	X							

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Relinquished By: *[Signature]* **Date:** *5/10/23* **Received By:** *[Signature]* **Date:** *5/10/23*

Relinquished By: *[Signature]* **Date:** *5/10/23* **Received By:** *[Signature]* **Date:** *5/10/23*

REMARKS:

Delivered By: (Circle One)

Observed Temp. °C: *1.3*

Corrected Temp. °C: *0.7*

Sample Condition: Cool Intact ☒ Yes ☐ No

CHECKED BY: *[Signature]* (Initials)

Turnaround Time:

Thermometer ID #113


Correction Factor -0.6 °C

Standard: *Rush* ☒ **Yes** ☐ **No**

Bacteria (only) Sample Condition: Cool Intact ☐ Yes ☐ No ☐ Yes ☐ No

Observed Temp. °C:

Corrected Temp. °C:



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 #:

Project #:

Project Name: SLWMS Coltrane Frac Boos

Project Location: Edhy Co., NM

Sampler Name: JC

P.O. #:

Company: Mewbourne Oil Co.

Attn: Corner Walker

Address:

City:

State: Zip:

Phone #:

Fax #:

BILL TO

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME	Chloride	TPH	BTEX					
41	CF-253.0-00.0-S	C 1	X										5/10/2023		X	X	X					
42	CF-254.0-00.0-S	C 1	X										5/10/2023		X	X	X					
43	CF-255.0-00.0-S	C 1	X										5/10/2023		X	X	X					
44	CF-256.0-00.0-S	C 1	X										5/10/2023		X	X	X					
45	CF-257.0-00.0-S	C 1	X										5/10/2023		X	X	X					
46	CF-258.0-00.0-S	C 1	X										5/10/2023		X	X	X					
47	CF-259.0-00.0-S	C 1	X										5/10/2023		X	X	X					
48	CF-260.0-00.0-S	C 1	X										5/10/2023		X	X	X					
49	CF-261.0-00.0-S	C 1	X										5/10/2023		X	X	X					
50	CF-262.0-00.0-S	C 1	X										5/10/2023		X	X	X					

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Relinquished By: *Pat H. Lewis*

Received By: *Matthew C. [Signature]*

Time: 5/10/23

Date: 5/10/23

Remarks: All Results are emailed. Please provide Email address:

Delivered By: (Circle One)

Observed Temp. °C: 1.3

Corrected Temp. °C: 0.7

Sample Condition: Cool Intact ☒ Yes ☐ No

Checked By: (Initials) *AV*

Turnaround Time:

Thermometer ID #113

Correction Factor -0.8 °C

Standard: ☒ X

Bacteria (only) Sample Condition: Cool Intact ☐ Yes ☐ No

Observed Temp. °C:

Corrected Temp. °C:

Sampler: UPS - Bus - Other:

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Page 103 of 104

Released to Imaging: 8/28/2024 11:03:18 AM

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		BILL TO	
Project Manager: Dan Junkelberg		P.O. #:	
Address: 8426 N Dal Paso		Company: Menzies Oil Co.	
City: Hobbs		Attn: Corner Walker	
State: NM Zip: 88241		Address:	
Phone #:		City:	
Project #:		State: Zip:	
Project Name: SLMMS Coltrane Frac Boos dan@trinityoilfieldservices.com		Phone #:	
Project Location: Eddy Co., NM		Fax #:	
Sample Name: JC		PRESERV.	
TOTAL LAB USE ONLY		SAMPLING	
Lab I.D. Sample I.D.		DATE TIME	
71 CF-263.0-00.0-S		5/10/2023	
72 CF-264.0-00.0-S		5/10/2023	
73 CF-265.0-00.0-S		5/10/2023	
74 CF-266.0-00.0-S		5/10/2023	
75 CF-267.0-00.0-S		5/10/2023	
76 CF-268.0-00.0-S		5/10/2023	
77 CF-269.0-00.0-S		5/10/2023	
78 CF-270.0-00.0-S		5/10/2023	
79 CF-271.0-00.0-S		5/10/2023	
80 CF-272.0-00.0-S		5/10/2023	
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		TPH	
		BTEX	
Relinquished By: [Signature]		Verbal Result: Yes No Add'l Phone #:	
Relinquished By: [Signature]		REMARKS:	
Delivered By: (Circle One)		Observed Temp. °C 1.3	
Corrected Temp. °C 0.7		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Sampler - UPS - Bus - Other:		Checked BY: (Initials) [Signature]	
Turnaround Time:		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Thermometer ID #113		Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	
Correction Factor 0.5 °C		Observed Temp. °C	
		Corrected Temp. °C	

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

May 16, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SLWMS COLTRANE FRAC BOOSTER

Enclosed are the results of analyses for samples received by the laboratory on 05/11/23 15:27.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/11/2023	Sampling Date:	05/11/2023
Reported:	05/16/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-273.0-00.0-S (H232374-01)

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	05/13/2023	ND	2.32	116	2.00	0.419	
Toluene*	<0.050	0.050	05/13/2023	ND	2.29	114	2.00	0.748	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.23	112	2.00	0.457	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.76	113	6.00	0.357	
Total BTEX	<0.300	0.300	05/13/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1300	16.0	05/12/2023	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	05/12/2023	ND	233	117	200	5.53	
DRO >C10-C28*	11.2	10.0	05/12/2023	ND	227	113	200	8.19	
EXT DRO >C28-C36	20.3	10.0	05/12/2023	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 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: 05/11/2023
 Reported: 05/16/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/11/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: CF-274.0-00.0-S (H232374-02)

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	05/13/2023	ND	2.32	116	2.00	0.419	
Toluene*	<0.050	0.050	05/13/2023	ND	2.29	114	2.00	0.748	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.23	112	2.00	0.457	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.76	113	6.00	0.357	
Total BTEX	<0.300	0.300	05/13/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	05/12/2023	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	05/12/2023	ND	233	117	200	5.53	
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	227	113	200	8.19	
EXT DRO >C28-C36	10.1	10.0	05/12/2023	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/11/2023	Sampling Date:	05/11/2023
Reported:	05/16/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-275.0-00.0-S (H232374-03)

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	05/13/2023	ND	2.32	116	2.00	0.419		
Toluene*	<0.050	0.050	05/13/2023	ND	2.29	114	2.00	0.748		
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.23	112	2.00	0.457		
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.76	113	6.00	0.357		
Total BTEx	<0.300	0.300	05/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1390	16.0	05/12/2023	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	05/13/2023	ND	233	117	200	5.53	
DRO >C10-C28*	17.7	10.0	05/13/2023	ND	227	113	200	8.19	
EXT DRO >C28-C36	28.5	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/11/2023
 Reported: 05/16/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/11/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: CF-276.0-00.0-S (H232374-04)

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	05/13/2023	ND	2.32	116	2.00	0.419		
Toluene*	<0.050	0.050	05/13/2023	ND	2.29	114	2.00	0.748		
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.23	112	2.00	0.457		
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.76	113	6.00	0.357		
Total BTEX	<0.300	0.300	05/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	736	16.0	05/12/2023	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	05/13/2023	ND	233	117	200	5.53	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	227	113	200	8.19	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/11/2023
 Reported: 05/16/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/11/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: CF-277.0-00.0-S (H232374-05)

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	05/13/2023	ND	2.32	116	2.00	0.419	
Toluene*	<0.050	0.050	05/13/2023	ND	2.29	114	2.00	0.748	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.23	112	2.00	0.457	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.76	113	6.00	0.357	
Total BTEX	<0.300	0.300	05/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	400	16.0	05/12/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	233	117	200	5.53	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	227	113	200	8.19	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 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:	05/11/2023	Sampling Date:	05/11/2023
Reported:	05/16/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-278.0-00.0-S (H232374-06)

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	05/13/2023	ND	2.32	116	2.00	0.419	
Toluene*	<0.050	0.050	05/13/2023	ND	2.29	114	2.00	0.748	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.23	112	2.00	0.457	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.76	113	6.00	0.357	
Total BTEX	<0.300	0.300	05/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	1790	16.0	05/12/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	233	117	200	5.53	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	227	113	200	8.19	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 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: 05/11/2023
 Reported: 05/16/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/11/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: CF-279.0-00.0-S (H232374-07)

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	05/13/2023	ND	2.32	116	2.00	0.419		
Toluene*	<0.050	0.050	05/13/2023	ND	2.29	114	2.00	0.748		
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.23	112	2.00	0.457		
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.76	113	6.00	0.357		
Total BTEx	<0.300	0.300	05/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1100	16.0	05/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	233	117	200	5.53	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	227	113	200	8.19	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 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:	05/11/2023	Sampling Date:	05/11/2023
Reported:	05/16/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-280.0-00.0-S (H232374-08)

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	05/13/2023	ND	2.32	116	2.00	0.419	
Toluene*	<0.050	0.050	05/13/2023	ND	2.29	114	2.00	0.748	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.23	112	2.00	0.457	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.76	113	6.00	0.357	
Total BTEX	<0.300	0.300	05/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	1460	16.0	05/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	233	117	200	5.53	
DRO >C10-C28*	19.1	10.0	05/13/2023	ND	227	113	200	8.19	
EXT DRO >C28-C36	30.4	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 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: 05/11/2023
 Reported: 05/16/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/11/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: CF-281.0-00.0-S (H232374-09)

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	05/13/2023	ND	2.32	116	2.00	0.419	
Toluene*	<0.050	0.050	05/13/2023	ND	2.29	114	2.00	0.748	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.23	112	2.00	0.457	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.76	113	6.00	0.357	
Total BTEX	<0.300	0.300	05/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	1090	16.0	05/12/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	233	117	200	5.53	
DRO >C10-C28*	15.0	10.0	05/13/2023	ND	227	113	200	8.19	
EXT DRO >C28-C36	27.1	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 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: 05/11/2023
 Reported: 05/16/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/11/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: CF-282.0-00.0-S (H232374-10)

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	05/13/2023	ND	2.32	116	2.00	0.419	
Toluene*	<0.050	0.050	05/13/2023	ND	2.29	114	2.00	0.748	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.23	112	2.00	0.457	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.76	113	6.00	0.357	
Total BTEX	<0.300	0.300	05/13/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	05/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	233	117	200	5.53	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	227	113	200	8.19	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 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: 05/11/2023
 Reported: 05/16/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/11/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: CF-283.0-00.0-S (H232374-11)

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	05/13/2023	ND	2.32	116	2.00	0.419		
Toluene*	<0.050	0.050	05/13/2023	ND	2.29	114	2.00	0.748		
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.23	112	2.00	0.457		
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.76	113	6.00	0.357		
Total BTEX	<0.300	0.300	05/13/2023	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	784	16.0	05/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	233	117	200	5.53	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	227	113	200	8.19	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 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:	05/11/2023	Sampling Date:	05/11/2023
Reported:	05/16/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-284.0-00.0-S (H232374-12)

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	05/13/2023	ND	2.32	116	2.00	0.419		
Toluene*	<0.050	0.050	05/13/2023	ND	2.29	114	2.00	0.748		
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.23	112	2.00	0.457		
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.76	113	6.00	0.357		
Total BTEx	<0.300	0.300	05/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	304	16.0	05/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	233	117	200	5.53	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	227	113	200	8.19	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/11/2023
 Reported: 05/16/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/11/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: CF-285.0-00.0-S (H232374-13)

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	05/13/2023	ND	2.32	116	2.00	0.419	
Toluene*	<0.050	0.050	05/13/2023	ND	2.29	114	2.00	0.748	
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.23	112	2.00	0.457	
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.76	113	6.00	0.357	
Total BTEX	<0.300	0.300	05/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	400	16.0	05/12/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	233	117	200	5.53	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	227	113	200	8.19	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 71.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/11/2023
 Reported: 05/16/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/11/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: CF-286.0-01.0-P (H232374-14)

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	05/13/2023	ND	1.94	97.2	2.00	3.23		
Toluene*	<0.050	0.050	05/13/2023	ND	2.04	102	2.00	1.53		
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.09	105	2.00	4.28		
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.12	102	6.00	3.98		
Total BTEX	<0.300	0.300	05/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/12/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	233	117	200	5.53	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	227	113	200	8.19	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/11/2023
 Reported: 05/16/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/11/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: CF-287.0-00.0-P (H232374-15)

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	05/13/2023	ND	1.94	97.2	2.00	3.23		
Toluene*	<0.050	0.050	05/13/2023	ND	2.04	102	2.00	1.53		
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.09	105	2.00	4.28		
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.12	102	6.00	3.98		
Total BTEX	<0.300	0.300	05/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	960	16.0	05/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	233	117	200	5.53	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	227	113	200	8.19	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/11/2023	Sampling Date:	05/11/2023
Reported:	05/16/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-288.0-01.0-P (H232374-16)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2023	ND	1.94	97.2	2.00	3.23		
Toluene*	<0.050	0.050	05/13/2023	ND	2.04	102	2.00	1.53		
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.09	105	2.00	4.28		
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.12	102	6.00	3.98		
Total BTEX	<0.300	0.300	05/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	05/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	233	117	200	5.53	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	227	113	200	8.19	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/11/2023
 Reported: 05/16/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/11/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: CF-289.0-00.0-P (H232374-17)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2023	ND	1.94	97.2	2.00	3.23		
Toluene*	<0.050	0.050	05/13/2023	ND	2.04	102	2.00	1.53		
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.09	105	2.00	4.28		
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.12	102	6.00	3.98		
Total BTEX	<0.300	0.300	05/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	05/12/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	233	117	200	5.53	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	227	113	200	8.19	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/11/2023	Sampling Date:	05/11/2023
Reported:	05/16/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-290.0-01.0-P (H232374-18)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2023	ND	1.94	97.2	2.00	3.23		
Toluene*	<0.050	0.050	05/13/2023	ND	2.04	102	2.00	1.53		
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.09	105	2.00	4.28		
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.12	102	6.00	3.98		
Total BTEX	<0.300	0.300	05/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	231	116	200	0.386	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	218	109	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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: 05/11/2023
 Reported: 05/16/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/11/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: CF-291.0-01.0-P (H232374-19)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2023	ND	1.94	97.2	2.00	3.23		
Toluene*	<0.050	0.050	05/13/2023	ND	2.04	102	2.00	1.53		
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.09	105	2.00	4.28		
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.12	102	6.00	3.98		
Total BTEx	<0.300	0.300	05/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	05/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	231	116	200	0.386	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	218	109	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/11/2023
 Reported: 05/16/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/11/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: CF-292.0-01.0-P (H232374-20)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2023	ND	1.94	97.2	2.00	3.23		
Toluene*	<0.050	0.050	05/13/2023	ND	2.04	102	2.00	1.53		
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.09	105	2.00	4.28		
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.12	102	6.00	3.98		
Total BTEX	<0.300	0.300	05/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	05/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	231	116	200	0.386	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	218	109	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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: 05/11/2023
 Reported: 05/16/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/11/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: CF-293.0-01.0-P (H232374-21)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2023	ND	1.94	97.2	2.00	3.23		
Toluene*	<0.050	0.050	05/13/2023	ND	2.04	102	2.00	1.53		
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.09	105	2.00	4.28		
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.12	102	6.00	3.98		
Total BTEx	<0.300	0.300	05/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	05/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	231	116	200	0.386	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	218	109	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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: 05/11/2023
 Reported: 05/16/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/11/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: CF-294.0-00.0-P (H232374-22)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2023	ND	1.94	97.2	2.00	3.23		
Toluene*	<0.050	0.050	05/13/2023	ND	2.04	102	2.00	1.53		
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.09	105	2.00	4.28		
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.12	102	6.00	3.98		
Total BTEX	<0.300	0.300	05/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	05/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	231	116	200	0.386	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	218	109	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/11/2023
 Reported: 05/16/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/11/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shari Cisneros

Sample ID: CF-295.0-01.0-P (H232374-23)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2023	ND	1.94	97.2	2.00	3.23		
Toluene*	<0.050	0.050	05/13/2023	ND	2.04	102	2.00	1.53		
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.09	105	2.00	4.28		
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.12	102	6.00	3.98		
Total BTEx	<0.300	0.300	05/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	05/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	231	116	200	0.386	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	218	109	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/11/2023	Sampling Date:	05/11/2023
Reported:	05/16/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shari Cisneros
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-296.0-00.0-P (H232374-24)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2023	ND	1.94	97.2	2.00	3.23		
Toluene*	<0.050	0.050	05/13/2023	ND	2.04	102	2.00	1.53		
Ethylbenzene*	<0.050	0.050	05/13/2023	ND	2.09	105	2.00	4.28		
Total Xylenes*	<0.150	0.150	05/13/2023	ND	6.12	102	6.00	3.98		
Total BTEX	<0.300	0.300	05/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	400	16.0	05/12/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2023	ND	231	116	200	0.386	
DRO >C10-C28*	<10.0	10.0	05/13/2023	ND	218	109	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	05/13/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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


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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

		101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	
Company Name: Trinity Oilfield Services				BILL TO	
Project Manager: Dan Dunkelberg				P.O. #:	
Address: 8426 N Dal Paso				Company: Melbourne Oil Co.	
City: Hobbs				Attn: Connor Walker	
State: NM Zip: 88241				Address:	
Phone #:				City:	
Fax #:				State: Zip:	
Project #:				Project Owner: (see below)	
Project Name: SLMMS Coltrane Frac Booster				dan@trinityoilfieldservices.com	
Project Location: Eddy Co., NM				Phone #:	
Sample Name: JC				Fax #:	
Foster Lab Use Only				PRESERV. SAMPLING	
Matrix				DATE	
Sample I.D.				TIME	
Lab I.D.				Chloride	
1 CF-273.0-00.0-S				X	
2 CF-274.0-00.0-S				X	
3 CF-275.0-00.0-S				X	
4 CF-276.0-00.0-S				X	
5 CF-277.0-00.0-S				X	
6 CF-278.0-00.0-S				X	
7 CF-279.0-00.0-S				X	
8 CF-280.0-00.0-S				X	
9 CF-281.0-00.0-S				X	
10 CF-282.0-00.0-S				X	
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Relinquished By: [Signature]				All Results are emailed. Please provide Email address:	
Relinquished By: [Signature]				REMARKS:	
Date: 5-11-23 Time: 15:27				Turnaround Time: Standard X	
Received By: [Signature]				Bacteria (only) Sample Condition	
Delivered By: (Circle One)				Cool Intact Yes No	
Observed Temp. °C 5.9				Corrected Temp. °C	
Corrected Temp. °C 5.3				Thermometer ID #113	
Sampler - UPS - Bus - Other:				Correction Factor -0.5 °C	

† Cardinal cannot accept verbal changes. Please email changes to cecely.keen@cardinalabsnm.com

Page 28 of 29

Page 29 of 29



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

May 22, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SLWMS COLTRANE FRAC BOOSTER

Enclosed are the results of analyses for samples received by the laboratory on 05/16/23 16:00.

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 fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

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:	05/16/2023	Sampling Date:	05/16/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-297.0-01.0-P (H232455-01)

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	05/19/2023	ND	2.15	108	2.00	0.977	
Toluene*	<0.050	0.050	05/19/2023	ND	2.13	106	2.00	0.730	
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.22	111	2.00	0.374	
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.56	109	6.00	0.285	
Total BTEX	<0.300	0.300	05/19/2023	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	432	16.0	05/17/2023	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	05/18/2023	ND	189	94.5	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	180	89.8	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					

Surrogate: 1-Chlorooctane 99.9 % 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: 05/16/2023
 Reported: 05/22/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-298.0-01.0-P (H232455-02)

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	05/19/2023	ND	2.15	108	2.00	0.977		
Toluene*	<0.050	0.050	05/19/2023	ND	2.13	106	2.00	0.730		
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.22	111	2.00	0.374		
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.56	109	6.00	0.285		
Total BTEx	<0.300	0.300	05/19/2023	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	480	16.0	05/17/2023	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	05/18/2023	ND	189	94.5	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	180	89.8	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/16/2023	Sampling Date:	05/16/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-304.0-01.0-P (H232455-03)

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	05/19/2023	ND	2.15	108	2.00	0.977		
Toluene*	<0.050	0.050	05/19/2023	ND	2.13	106	2.00	0.730		
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.22	111	2.00	0.374		
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.56	109	6.00	0.285		
Total BTEX	<0.300	0.300	05/19/2023	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	48.0	16.0	05/17/2023	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	05/18/2023	ND	189	94.5	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	180	89.8	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/16/2023	Sampling Date:	05/16/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-305.0-01.0-P (H232455-04)

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	05/19/2023	ND	2.15	108	2.00	0.977		
Toluene*	<0.050	0.050	05/19/2023	ND	2.13	106	2.00	0.730		
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.22	111	2.00	0.374		
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.56	109	6.00	0.285		
Total BTEX	<0.300	0.300	05/19/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	05/17/2023	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	05/18/2023	ND	189	94.5	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	180	89.8	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/16/2023	Sampling Date:	05/16/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-309.0-01.0-P (H232455-05)

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	05/19/2023	ND	2.15	108	2.00	0.977		
Toluene*	<0.050	0.050	05/19/2023	ND	2.13	106	2.00	0.730		
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.22	111	2.00	0.374		
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.56	109	6.00	0.285		
Total BTEx	<0.300	0.300	05/19/2023	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	32.0	16.0	05/17/2023	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	05/18/2023	ND	189	94.5	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	180	89.8	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					

Surrogate: 1-Chlorooctane 105 % 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:	05/16/2023	Sampling Date:	05/16/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-310.0-01.0-P (H232455-06)

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	05/19/2023	ND	2.15	108	2.00	0.977		
Toluene*	<0.050	0.050	05/19/2023	ND	2.13	106	2.00	0.730		
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.22	111	2.00	0.374		
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.56	109	6.00	0.285		
Total BTEX	<0.300	0.300	05/19/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/17/2023	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	05/18/2023	ND	189	94.5	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	180	89.8	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/16/2023	Sampling Date:	05/16/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-311.0-01.0-P (H232455-07)

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	05/19/2023	ND	2.15	108	2.00	0.977		
Toluene*	<0.050	0.050	05/19/2023	ND	2.13	106	2.00	0.730		
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.22	111	2.00	0.374		
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.56	109	6.00	0.285		
Total BTEX	<0.300	0.300	05/19/2023	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	80.0	16.0	05/17/2023	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	05/18/2023	ND	189	94.5	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	180	89.8	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/16/2023	Sampling Date:	05/16/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-312.0-01.0-P (H232455-08)

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	05/19/2023	ND	2.15	108	2.00	0.977		
Toluene*	<0.050	0.050	05/19/2023	ND	2.13	106	2.00	0.730		
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.22	111	2.00	0.374		
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.56	109	6.00	0.285		
Total BTEX	<0.300	0.300	05/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	208	16.0	05/17/2023	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	05/18/2023	ND	189	94.5	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	180	89.8	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/16/2023	Sampling Date:	05/16/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-313.0-01.0-P (H232455-09)

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	05/19/2023	ND	2.15	108	2.00	0.977		
Toluene*	<0.050	0.050	05/19/2023	ND	2.13	106	2.00	0.730		
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.22	111	2.00	0.374		
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.56	109	6.00	0.285		
Total BTEX	<0.300	0.300	05/19/2023	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	160	16.0	05/17/2023	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	05/18/2023	ND	189	94.5	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	180	89.8	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 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:	05/16/2023	Sampling Date:	05/16/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-314.0-01.0-P (H232455-10)

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	05/19/2023	ND	2.15	108	2.00	0.977		
Toluene*	<0.050	0.050	05/19/2023	ND	2.13	106	2.00	0.730		
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.22	111	2.00	0.374		
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.56	109	6.00	0.285		
Total BTEx	<0.300	0.300	05/19/2023	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	176	16.0	05/17/2023	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	05/18/2023	ND	189	94.5	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	180	89.8	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/16/2023	Sampling Date:	05/16/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-315.0-01.0-P (H232455-11)

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	05/19/2023	ND	2.16	108	2.00	3.36		
Toluene*	<0.050	0.050	05/19/2023	ND	2.16	108	2.00	3.16		
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.23	112	2.00	3.25		
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.59	110	6.00	4.42		
Total BTEX	<0.300	0.300	05/19/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/17/2023	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	05/18/2023	ND	189	94.5	200	1.09		
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	180	89.8	200	2.34		
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND						

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 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:	05/16/2023	Sampling Date:	05/16/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-316.0-01.0-P (H232455-12)

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	05/19/2023	ND	2.16	108	2.00	3.36		
Toluene*	<0.050	0.050	05/19/2023	ND	2.16	108	2.00	3.16		
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.23	112	2.00	3.25		
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.59	110	6.00	4.42		
Total BTEx	<0.300	0.300	05/19/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/17/2023	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	05/18/2023	ND	189	94.5	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	180	89.8	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/16/2023	Sampling Date:	05/16/2023
Reported:	05/22/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-317.0-01.0-P (H232455-13)

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	05/19/2023	ND	2.16	108	2.00	3.36		
Toluene*	<0.050	0.050	05/19/2023	ND	2.16	108	2.00	3.16		
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.23	112	2.00	3.25		
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.59	110	6.00	4.42		
Total BTEX	<0.300	0.300	05/19/2023	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	05/17/2023	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	05/18/2023	ND	189	94.5	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	180	89.8	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 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: 05/16/2023
 Reported: 05/22/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-318.0-01.0-P (H232455-14)

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	05/19/2023	ND	2.16	108	2.00	3.36		
Toluene*	<0.050	0.050	05/19/2023	ND	2.16	108	2.00	3.16		
Ethylbenzene*	<0.050	0.050	05/19/2023	ND	2.23	112	2.00	3.25		
Total Xylenes*	<0.150	0.150	05/19/2023	ND	6.59	110	6.00	4.42		
Total BTEx	<0.300	0.300	05/19/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	05/17/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/18/2023	ND	189	94.5	200	1.09	
DRO >C10-C28*	<10.0	10.0	05/18/2023	ND	180	89.8	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	05/18/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

Page 17 of 18

Page 18 of 18



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

May 23, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SLWMS COLTRANE FRAC BOOSTER

Enclosed are the results of analyses for samples received by the laboratory on 05/18/23 15:55.

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:	05/18/2023	Sampling Date:	05/18/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-319.0-01.0-P (H232536-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2023	ND	2.25	112	2.00	6.08		
Toluene*	<0.050	0.050	05/21/2023	ND	2.28	114	2.00	4.55		
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.39	119	2.00	3.16		
Total Xylenes*	<0.150	0.150	05/21/2023	ND	7.07	118	6.00	2.14		
Total BTX	<0.300	0.300	05/21/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/19/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	162	80.8	200	1.90	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	175	87.4	200	5.93	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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:	05/18/2023	Sampling Date:	05/18/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-320.0-01.0-P (H232536-02)

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	05/21/2023	ND	2.25	112	2.00	6.08		
Toluene*	<0.050	0.050	05/21/2023	ND	2.28	114	2.00	4.55		
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.39	119	2.00	3.16		
Total Xylenes*	<0.150	0.150	05/21/2023	ND	7.07	118	6.00	2.14		
Total BTEX	<0.300	0.300	05/21/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/19/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	162	80.8	200	1.90	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	175	87.4	200	5.93	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/18/2023	Sampling Date:	05/18/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-321.0-01.0-P (H232536-03)

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	05/21/2023	ND	2.11	105	2.00	0.243		
Toluene*	<0.050	0.050	05/21/2023	ND	2.08	104	2.00	2.32		
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.17	108	2.00	0.101		
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.44	107	6.00	0.777		
Total BTEx	<0.300	0.300	05/21/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/19/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	162	80.8	200	1.90	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	175	87.4	200	5.93	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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:	05/18/2023	Sampling Date:	05/18/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-322.0-01.0-P (H232536-04)

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	05/21/2023	ND	2.11	105	2.00	0.243		
Toluene*	<0.050	0.050	05/21/2023	ND	2.08	104	2.00	2.32		
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.17	108	2.00	0.101		
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.44	107	6.00	0.777		
Total BTEx	<0.300	0.300	05/21/2023	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	05/19/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	162	80.8	200	1.90	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	175	87.4	200	5.93	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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:	05/18/2023	Sampling Date:	05/18/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-323.0-01.0-P (H232536-05)

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	05/21/2023	ND	2.11	105	2.00	0.243		
Toluene*	<0.050	0.050	05/21/2023	ND	2.08	104	2.00	2.32		
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.17	108	2.00	0.101		
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.44	107	6.00	0.777		
Total BTEx	<0.300	0.300	05/21/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/19/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	162	80.8	200	1.90	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	175	87.4	200	5.93	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/18/2023	Sampling Date:	05/18/2023
Reported:	05/23/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-324.0-01.0-P (H232536-06)

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	05/21/2023	ND	2.11	105	2.00	0.243		
Toluene*	<0.050	0.050	05/21/2023	ND	2.08	104	2.00	2.32		
Ethylbenzene*	<0.050	0.050	05/21/2023	ND	2.17	108	2.00	0.101		
Total Xylenes*	<0.150	0.150	05/21/2023	ND	6.44	107	6.00	0.777		
Total BTEx	<0.300	0.300	05/21/2023	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	112	16.0	05/19/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2023	ND	162	80.8	200	1.90	
DRO >C10-C28*	<10.0	10.0	05/19/2023	ND	175	87.4	200	5.93	
EXT DRO >C28-C36	<10.0	10.0	05/19/2023	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager

Page 9 of 9



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

May 25, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SLWMS COLTRANE FRAC BOOSTER

Enclosed are the results of analyses for samples received by the laboratory on 05/22/23 15:58.

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:	05/22/2023	Sampling Date:	05/22/2023
Reported:	05/25/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-325.0-01.0-P (H232589-01)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2023	ND	2.16	108	2.00	4.28	
Toluene*	<0.050	0.050	05/23/2023	ND	2.11	106	2.00	2.15	
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.21	110	2.00	3.58	
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.57	110	6.00	4.80	
Total BTX	<0.300	0.300	05/23/2023	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	176	16.0	05/23/2023	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	05/23/2023	ND	173	86.4	200	3.54	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	162	80.9	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/22/2023
 Reported: 05/25/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/22/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-326.0-01.0-P (H232589-02)

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	05/23/2023	ND	2.16	108	2.00	4.28		
Toluene*	<0.050	0.050	05/23/2023	ND	2.11	106	2.00	2.15		
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.21	110	2.00	3.58		
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.57	110	6.00	4.80		
Total BTEX	<0.300	0.300	05/23/2023	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	64.0	16.0	05/23/2023	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	05/23/2023	ND	173	86.4	200	3.54	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	162	80.9	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/22/2023
 Reported: 05/25/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/22/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-327.0-01.0-P (H232589-03)

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	05/23/2023	ND	2.16	108	2.00	4.28		
Toluene*	<0.050	0.050	05/23/2023	ND	2.11	106	2.00	2.15		
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.21	110	2.00	3.58		
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.57	110	6.00	4.80		
Total BTEX	<0.300	0.300	05/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/23/2023	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	05/23/2023	ND	173	86.4	200	3.54	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	162	80.9	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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: 05/22/2023
 Reported: 05/25/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/22/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-328.0-01.0-P (H232589-04)

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	05/23/2023	ND	2.16	108	2.00	4.28		
Toluene*	<0.050	0.050	05/23/2023	ND	2.11	106	2.00	2.15		
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.21	110	2.00	3.58		
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.57	110	6.00	4.80		
Total BTEx	<0.300	0.300	05/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/23/2023	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	05/23/2023	ND	173	86.4	200	3.54	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	162	80.9	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/22/2023
 Reported: 05/25/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/22/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-329.0-01.0-P (H232589-05)

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	05/23/2023	ND	2.16	108	2.00	4.28		
Toluene*	<0.050	0.050	05/23/2023	ND	2.11	106	2.00	2.15		
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.21	110	2.00	3.58		
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.57	110	6.00	4.80		
Total BTEX	<0.300	0.300	05/23/2023	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	96.0	16.0	05/23/2023	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	05/23/2023	ND	173	86.4	200	3.54	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	162	80.9	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 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: 05/22/2023
 Reported: 05/25/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/22/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-330.0-01.0-P (H232589-06)

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	05/23/2023	ND	2.16	108	2.00	4.28		
Toluene*	<0.050	0.050	05/23/2023	ND	2.11	106	2.00	2.15		
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.21	110	2.00	3.58		
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.57	110	6.00	4.80		
Total BTEX	<0.300	0.300	05/23/2023	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	160	16.0	05/23/2023	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	05/23/2023	ND	173	86.4	200	3.54	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	162	80.9	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 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: 05/22/2023
 Reported: 05/25/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/22/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-331.0-01.0-P (H232589-07)

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	05/23/2023	ND	2.16	108	2.00	4.28		
Toluene*	<0.050	0.050	05/23/2023	ND	2.11	106	2.00	2.15		
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.21	110	2.00	3.58		
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.57	110	6.00	4.80		
Total BTEX	<0.300	0.300	05/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/23/2023	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	05/23/2023	ND	173	86.4	200	3.54	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	162	80.9	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/22/2023
 Reported: 05/25/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/22/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-332.0-01.0-P (H232589-08)

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	05/23/2023	ND	2.16	108	2.00	4.28		
Toluene*	<0.050	0.050	05/23/2023	ND	2.11	106	2.00	2.15		
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.21	110	2.00	3.58		
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.57	110	6.00	4.80		
Total BTEX	<0.300	0.300	05/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/23/2023	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	05/23/2023	ND	173	86.4	200	3.54	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	162	80.9	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/22/2023
 Reported: 05/25/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/22/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CF-333.0-01.0-P (H232589-09)

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	05/23/2023	ND	2.16	108	2.00	4.28		
Toluene*	<0.050	0.050	05/23/2023	ND	2.11	106	2.00	2.15		
Ethylbenzene*	<0.050	0.050	05/23/2023	ND	2.21	110	2.00	3.58		
Total Xylenes*	<0.150	0.150	05/23/2023	ND	6.57	110	6.00	4.80		
Total BTEx	<0.300	0.300	05/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	05/23/2023	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	05/23/2023	ND	173	86.4	200	3.54	
DRO >C10-C28*	<10.0	10.0	05/23/2023	ND	162	80.9	200	4.76	
EXT DRO >C28-C36	<10.0	10.0	05/23/2023	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 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 "C. D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Page 12 of 12



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

May 31, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SLWMS COLTRANE FRAC BOOSTER

Enclosed are the results of analyses for samples received by the laboratory on 05/25/23 16:05.

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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-008.0-00.5-S (H232683-01)

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	05/26/2023	ND	2.10	105	2.00	2.89		
Toluene*	<0.050	0.050	05/26/2023	ND	2.14	107	2.00	4.46		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.22	111	2.00	4.38		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.52	109	6.00	4.68		
Total BTEX	<0.300	0.300	05/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	320	16.0	05/26/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	183	91.5	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	192	96.1	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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: 05/25/2023
 Reported: 05/31/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-010.0-00.5-S (H232683-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2023	ND	2.10	105	2.00	2.89		
Toluene*	<0.050	0.050	05/26/2023	ND	2.14	107	2.00	4.46		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.22	111	2.00	4.38		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.52	109	6.00	4.68		
Total BTX	<0.300	0.300	05/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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	944	16.0	05/26/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	183	91.5	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	192	96.1	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-020.0-00.5-S (H232683-03)

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	05/26/2023	ND	2.10	105	2.00	2.89		
Toluene*	<0.050	0.050	05/26/2023	ND	2.14	107	2.00	4.46		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.22	111	2.00	4.38		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.52	109	6.00	4.68		
Total BTEX	<0.300	0.300	05/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	2360	16.0	05/26/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	220	110	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	185	92.7	200	9.77	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-025.0-00.5-S (H232683-04)

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	05/26/2023	ND	2.10	105	2.00	2.89		
Toluene*	<0.050	0.050	05/26/2023	ND	2.14	107	2.00	4.46		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.22	111	2.00	4.38		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.52	109	6.00	4.68		
Total BTEX	<0.300	0.300	05/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	2480	16.0	05/26/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	220	110	200	1.26		
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	185	92.7	200	9.77		
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND						

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-027.0-00.5-S (H232683-05)

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	05/26/2023	ND	2.10	105	2.00	2.89		
Toluene*	<0.050	0.050	05/26/2023	ND	2.14	107	2.00	4.46		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.22	111	2.00	4.38		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.52	109	6.00	4.68		
Total BTEX	<0.300	0.300	05/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	5080	16.0	05/26/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	220	110	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	185	92.7	200	9.77	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 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: 05/25/2023
 Reported: 05/31/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-041.0-00.5-S (H232683-06)

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	05/26/2023	ND	2.10	105	2.00	2.89	
Toluene*	<0.050	0.050	05/26/2023	ND	2.14	107	2.00	4.46	
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.22	111	2.00	4.38	
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.52	109	6.00	4.68	
Total BTEX	<0.300	0.300	05/26/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	05/26/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	220	110	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	185	92.7	200	9.77	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-048.0-00.5-S (H232683-07)

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	05/26/2023	ND	2.10	105	2.00	2.89		
Toluene*	<0.050	0.050	05/26/2023	ND	2.14	107	2.00	4.46		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.22	111	2.00	4.38		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.52	109	6.00	4.68		
Total BTEX	<0.300	0.300	05/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	688	16.0	05/26/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	220	110	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	185	92.7	200	9.77	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 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: 05/25/2023
 Reported: 05/31/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-057.0-00.5-S (H232683-08)

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	05/26/2023	ND	2.10	105	2.00	2.89	
Toluene*	<0.050	0.050	05/26/2023	ND	2.14	107	2.00	4.46	
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.22	111	2.00	4.38	
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.52	109	6.00	4.68	
Total BTEX	<0.300	0.300	05/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	384	16.0	05/26/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	220	110	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	185	92.7	200	9.77	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-059.0-00.5-S (H232683-09)

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	05/26/2023	ND	2.10	105	2.00	2.89		
Toluene*	<0.050	0.050	05/26/2023	ND	2.14	107	2.00	4.46		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.22	111	2.00	4.38		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.52	109	6.00	4.68		
Total BTEX	<0.300	0.300	05/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	5360	16.0	05/26/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	220	110	200	1.26	
DRO >C10-C28*	25.2	10.0	05/26/2023	ND	185	92.7	200	9.77	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-075.0-00.5-S (H232683-10)

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	05/26/2023	ND	2.10	105	2.00	2.89		
Toluene*	<0.050	0.050	05/26/2023	ND	2.14	107	2.00	4.46		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.22	111	2.00	4.38		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.52	109	6.00	4.68		
Total BTEX	<0.300	0.300	05/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4320	16.0	05/26/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	220	110	200	1.26	
DRO >C10-C28*	292	10.0	05/26/2023	ND	185	92.7	200	9.77	
EXT DRO >C28-C36	12.4	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-080.0-00.5-S (H232683-11)

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	05/26/2023	ND	2.10	105	2.00	2.89		
Toluene*	<0.050	0.050	05/26/2023	ND	2.14	107	2.00	4.46		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.22	111	2.00	4.38		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.52	109	6.00	4.68		
Total BTEX	<0.300	0.300	05/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	3320	16.0	05/26/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	220	110	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	185	92.7	200	9.77	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-092.0-00.5-S (H232683-12)

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	05/26/2023	ND	2.10	105	2.00	2.89		
Toluene*	<0.050	0.050	05/26/2023	ND	2.14	107	2.00	4.46		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.22	111	2.00	4.38		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.52	109	6.00	4.68		
Total BTEX	<0.300	0.300	05/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 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	2120	16.0	05/26/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	220	110	200	1.26	
DRO >C10-C28*	481	10.0	05/26/2023	ND	185	92.7	200	9.77	
EXT DRO >C28-C36	249	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-334.0-00.5-P (H232683-13)

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	05/26/2023	ND	2.01	100	2.00	2.49		
Toluene*	<0.050	0.050	05/26/2023	ND	2.01	101	2.00	0.996		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.11	106	2.00	0.214		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.34	106	6.00	0.424		
Total BTEx	<0.300	0.300	05/26/2023	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	80.0	16.0	05/26/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	220	110	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	185	92.7	200	9.77	
EXT DRO >C28-C36	13.4	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-335.0-00.5-P (H232683-14)

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	05/26/2023	ND	2.01	100	2.00	2.49		
Toluene*	<0.050	0.050	05/26/2023	ND	2.01	101	2.00	0.996		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.11	106	2.00	0.214		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.34	106	6.00	0.424		
Total BTEX	<0.300	0.300	05/26/2023	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	96.0	16.0	05/26/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	220	110	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	185	92.7	200	9.77	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-336.0-00.5-P (H232683-15)

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	05/26/2023	ND	2.01	100	2.00	2.49		
Toluene*	<0.050	0.050	05/26/2023	ND	2.01	101	2.00	0.996		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.11	106	2.00	0.214		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.34	106	6.00	0.424		
Total BTEx	<0.300	0.300	05/26/2023	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	80.0	16.0	05/26/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	220	110	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	185	92.7	200	9.77	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-337.0-00.5-P (H232683-16)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2023	ND	2.01	100	2.00	2.49		
Toluene*	<0.050	0.050	05/26/2023	ND	2.01	101	2.00	0.996		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.11	106	2.00	0.214		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.34	106	6.00	0.424		
Total BTEX	<0.300	0.300	05/26/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/26/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	220	110	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	185	92.7	200	9.77	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-338.0-00.5-P (H232683-17)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2023	ND	2.01	100	2.00	2.49		
Toluene*	<0.050	0.050	05/26/2023	ND	2.01	101	2.00	0.996		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.11	106	2.00	0.214		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.34	106	6.00	0.424		
Total BTEX	<0.300	0.300	05/26/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/26/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	220	110	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	185	92.7	200	9.77	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-339.0-00.5-P (H232683-18)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2023	ND	2.01	100	2.00	2.49		
Toluene*	<0.050	0.050	05/26/2023	ND	2.01	101	2.00	0.996		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.11	106	2.00	0.214		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.34	106	6.00	0.424		
Total BTEX	<0.300	0.300	05/26/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/26/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	220	110	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	185	92.7	200	9.77	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-340.0-00.5-P (H232683-19)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/26/2023	ND	2.01	100	2.00	2.49	
Toluene*	<0.050	0.050	05/26/2023	ND	2.01	101	2.00	0.996	
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.11	106	2.00	0.214	
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.34	106	6.00	0.424	
Total BTEX	<0.300	0.300	05/26/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/26/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	220	110	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	185	92.7	200	9.77	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 137 % 48.2-134

Surrogate: 1-Chlorooctadecane 146 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-341.0-00.5-P (H232683-20)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2023	ND	2.01	100	2.00	2.49		
Toluene*	<0.050	0.050	05/26/2023	ND	2.01	101	2.00	0.996		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.11	106	2.00	0.214		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.34	106	6.00	0.424		
Total BTEX	<0.300	0.300	05/26/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/26/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	220	110	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	185	92.7	200	9.77	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-342.0-00.5-P (H232683-21)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2023	ND	2.01	100	2.00	2.49		
Toluene*	<0.050	0.050	05/26/2023	ND	2.01	101	2.00	0.996		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.11	106	2.00	0.214		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.34	106	6.00	0.424		
Total BTEX	<0.300	0.300	05/26/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/26/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	220	110	200	1.26		
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	185	92.7	200	9.77		
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-343.0-00.5-P (H232683-22)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2023	ND	2.01	100	2.00	2.49		
Toluene*	<0.050	0.050	05/26/2023	ND	2.01	101	2.00	0.996		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.11	106	2.00	0.214		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.34	106	6.00	0.424		
Total BTEX	<0.300	0.300	05/26/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/26/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	220	110	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	185	92.7	200	9.77	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-344.0-00.5-P (H232683-23)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2023	ND	2.01	100	2.00	2.49		
Toluene*	<0.050	0.050	05/26/2023	ND	2.01	101	2.00	0.996		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.11	106	2.00	0.214		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.34	106	6.00	0.424		
Total BTEX	<0.300	0.300	05/26/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/26/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	194	97.2	200	1.47	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	195	97.7	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-345.0-00.5-P (H232683-24)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2023	ND	2.01	100	2.00	2.49		
Toluene*	<0.050	0.050	05/26/2023	ND	2.01	101	2.00	0.996		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.11	106	2.00	0.214		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.34	106	6.00	0.424		
Total BTEX	<0.300	0.300	05/26/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/26/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	194	97.2	200	1.47	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	195	97.7	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-346.0-00.5-P (H232683-25)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2023	ND	2.01	100	2.00	2.49		
Toluene*	<0.050	0.050	05/26/2023	ND	2.01	101	2.00	0.996		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.11	106	2.00	0.214		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.34	106	6.00	0.424		
Total BTEX	<0.300	0.300	05/26/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/26/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	194	97.2	200	1.47	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	195	97.7	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-347.0-00.5-P (H232683-26)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2023	ND	2.01	100	2.00	2.49		
Toluene*	<0.050	0.050	05/26/2023	ND	2.01	101	2.00	0.996		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.11	106	2.00	0.214		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.34	106	6.00	0.424		
Total BTEX	<0.300	0.300	05/26/2023	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	96.0	16.0	05/26/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	194	97.2	200	1.47	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	195	97.7	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-348.0-00.5-P (H232683-27)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2023	ND	2.01	100	2.00	2.49		
Toluene*	<0.050	0.050	05/26/2023	ND	2.01	101	2.00	0.996		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.11	106	2.00	0.214		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.34	106	6.00	0.424		
Total BTEX	<0.300	0.300	05/26/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/26/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	194	97.2	200	1.47	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	195	97.7	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-349.0-00.5-P (H232683-28)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2023	ND	2.01	100	2.00	2.49		
Toluene*	<0.050	0.050	05/26/2023	ND	2.01	101	2.00	0.996		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.11	106	2.00	0.214		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.34	106	6.00	0.424		
Total BTEX	<0.300	0.300	05/26/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/26/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	194	97.2	200	1.47	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	195	97.7	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 99.0 % 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: 05/25/2023
 Reported: 05/31/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-350.0-00.5-P (H232683-29)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2023	ND	2.01	100	2.00	2.49		
Toluene*	<0.050	0.050	05/26/2023	ND	2.01	101	2.00	0.996		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.11	106	2.00	0.214		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.34	106	6.00	0.424		
Total BTEx	<0.300	0.300	05/26/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/26/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	194	97.2	200	1.47	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	195	97.7	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-351.0-00.5-P (H232683-30)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2023	ND	2.01	100	2.00	2.49		
Toluene*	<0.050	0.050	05/26/2023	ND	2.01	101	2.00	0.996		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.11	106	2.00	0.214		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.34	106	6.00	0.424		
Total BTEX	<0.300	0.300	05/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	05/26/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	194	97.2	200	1.47	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	195	97.7	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-352.0-00.5-P (H232683-31)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2023	ND	2.01	100	2.00	2.49		
Toluene*	<0.050	0.050	05/26/2023	ND	2.01	101	2.00	0.996		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.11	106	2.00	0.214		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.34	106	6.00	0.424		
Total BTEX	<0.300	0.300	05/26/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/26/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	194	97.2	200	1.47	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	195	97.7	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-353.0-00.5-P (H232683-32)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2023	ND	2.01	100	2.00	2.49		
Toluene*	<0.050	0.050	05/26/2023	ND	2.01	101	2.00	0.996		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.11	106	2.00	0.214		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.34	106	6.00	0.424		
Total BTEX	<0.300	0.300	05/26/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/26/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	194	97.2	200	1.47	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	195	97.7	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-354.0-00.5-P (H232683-33)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2023	ND	2.19	109	2.00	0.849		
Toluene*	<0.050	0.050	05/26/2023	ND	2.14	107	2.00	1.53		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.09	104	2.00	1.42		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.42	107	6.00	0.727		
Total BTX	<0.300	0.300	05/26/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/26/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	194	97.2	200	1.47	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	195	97.7	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-355.0-00.5-P (H232683-34)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/26/2023	ND	2.19	109	2.00	0.849		
Toluene*	<0.050	0.050	05/26/2023	ND	2.14	107	2.00	1.53		
Ethylbenzene*	<0.050	0.050	05/26/2023	ND	2.09	104	2.00	1.42		
Total Xylenes*	<0.150	0.150	05/26/2023	ND	6.42	107	6.00	0.727		
Total BTEX	<0.300	0.300	05/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/26/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	194	97.2	200	1.47	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	195	97.7	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-356.0-00.5-P (H232683-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/27/2023	ND	2.19	109	2.00	0.849		
Toluene*	<0.050	0.050	05/27/2023	ND	2.14	107	2.00	1.53		
Ethylbenzene*	<0.050	0.050	05/27/2023	ND	2.09	104	2.00	1.42		
Total Xylenes*	<0.150	0.150	05/27/2023	ND	6.42	107	6.00	0.727		
Total BTEX	<0.300	0.300	05/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	05/26/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	194	97.2	200	1.47	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	195	97.7	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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:	05/25/2023	Sampling Date:	05/25/2023
Reported:	05/31/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-357.0-00.5-P (H232683-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/27/2023	ND	2.19	109	2.00	0.849		
Toluene*	<0.050	0.050	05/27/2023	ND	2.14	107	2.00	1.53		
Ethylbenzene*	<0.050	0.050	05/27/2023	ND	2.09	104	2.00	1.42		
Total Xylenes*	<0.150	0.150	05/27/2023	ND	6.42	107	6.00	0.727		
Total BTEX	<0.300	0.300	05/27/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/26/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2023	ND	194	97.2	200	1.47	
DRO >C10-C28*	<10.0	10.0	05/26/2023	ND	195	97.7	200	5.83	
EXT DRO >C28-C36	<10.0	10.0	05/26/2023	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Page 41 of 42

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

June 02, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SLWMS COLTRANE FRAC BOOSTER

Enclosed are the results of analyses for samples received by the laboratory on 05/30/23 16:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-099.0-00.5-S (H232744-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2023	ND	2.31	116	2.00	4.31	
Toluene*	<0.050	0.050	05/31/2023	ND	2.28	114	2.00	3.21	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.25	113	2.00	5.13	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.88	115	6.00	4.60	
Total BTEX	<0.300	0.300	05/31/2023	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	272	16.0	05/31/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	160	79.8	200	1.85	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	161	80.4	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-147.0-00.5-S (H232744-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2023	ND	2.31	116	2.00	4.31	
Toluene*	<0.050	0.050	05/31/2023	ND	2.28	114	2.00	3.21	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.25	113	2.00	5.13	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.88	115	6.00	4.60	
Total BTEX	<0.300	0.300	05/31/2023	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	480	16.0	05/31/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	160	79.8	200	1.85	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	161	80.4	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-151.0-00.5-S (H232744-03)

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	05/31/2023	ND	2.31	116	2.00	4.31	
Toluene*	<0.050	0.050	05/31/2023	ND	2.28	114	2.00	3.21	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.25	113	2.00	5.13	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.88	115	6.00	4.60	
Total BTX	<0.300	0.300	05/31/2023	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	1390	16.0	05/31/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	160	79.8	200	1.85	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	161	80.4	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-152.0-00.5-S (H232744-04)

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	05/31/2023	ND	2.31	116	2.00	4.31	
Toluene*	<0.050	0.050	05/31/2023	ND	2.28	114	2.00	3.21	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.25	113	2.00	5.13	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.88	115	6.00	4.60	
Total BTEX	<0.300	0.300	05/31/2023	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	1700	16.0	05/31/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	160	79.8	200	1.85	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	161	80.4	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-160.0-00.5-S (H232744-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2023	ND	2.31	116	2.00	4.31	
Toluene*	<0.050	0.050	05/31/2023	ND	2.28	114	2.00	3.21	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.25	113	2.00	5.13	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.88	115	6.00	4.60	
Total BTEX	<0.300	0.300	05/31/2023	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	704	16.0	05/31/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	160	79.8	200	1.85	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	161	80.4	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-165.0-00.5-S (H232744-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2023	ND	2.31	116	2.00	4.31	
Toluene*	<0.050	0.050	05/31/2023	ND	2.28	114	2.00	3.21	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.25	113	2.00	5.13	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.88	115	6.00	4.60	
Total BTEX	<0.300	0.300	05/31/2023	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	688	16.0	05/31/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	160	79.8	200	1.85	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	161	80.4	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-209.0-00.5-S (H232744-07)

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	05/31/2023	ND	2.31	116	2.00	4.31	
Toluene*	<0.050	0.050	05/31/2023	ND	2.28	114	2.00	3.21	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.25	113	2.00	5.13	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.88	115	6.00	4.60	
Total BTEX	<0.300	0.300	05/31/2023	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	224	16.0	05/31/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	160	79.8	200	1.85	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	161	80.4	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-287.0-01.0-P (H232744-08)

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	05/31/2023	ND	2.31	116	2.00	4.31	
Toluene*	<0.050	0.050	05/31/2023	ND	2.28	114	2.00	3.21	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.25	113	2.00	5.13	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.88	115	6.00	4.60	
Total BTEX	<0.300	0.300	05/31/2023	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	64.0	16.0	05/31/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	160	79.8	200	1.85	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	161	80.4	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-299.0-01.0-P (H232744-09)

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	05/31/2023	ND	2.17	108	2.00	7.63		
Toluene*	<0.050	0.050	05/31/2023	ND	2.24	112	2.00	6.88		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.16	108	2.00	7.27		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.70	112	6.00	7.70		
Total BTEX	<0.300	0.300	05/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/31/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	160	79.8	200	1.85	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	161	80.4	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-300.0-01.0-P (H232744-10)

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	05/31/2023	ND	2.17	108	2.00	7.63		
Toluene*	<0.050	0.050	05/31/2023	ND	2.24	112	2.00	6.88		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.16	108	2.00	7.27		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.70	112	6.00	7.70		
Total BTEX	<0.300	0.300	05/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/31/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	160	79.8	200	1.85	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	161	80.4	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-301.0-01.0-P (H232744-11)

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	05/31/2023	ND	2.17	108	2.00	7.63		
Toluene*	<0.050	0.050	05/31/2023	ND	2.24	112	2.00	6.88		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.16	108	2.00	7.27		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.70	112	6.00	7.70		
Total BTEX	<0.300	0.300	05/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/31/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	160	79.8	200	1.85	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	161	80.4	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-302.0-01.0-P (H232744-12)

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	05/31/2023	ND	2.17	108	2.00	7.63		
Toluene*	<0.050	0.050	05/31/2023	ND	2.24	112	2.00	6.88		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.16	108	2.00	7.27		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.70	112	6.00	7.70		
Total BTEX	<0.300	0.300	05/31/2023	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	64.0	16.0	05/31/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	160	79.8	200	1.85	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	161	80.4	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 100 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-303.0-01.0-P (H232744-13)

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	05/31/2023	ND	2.17	108	2.00	7.63		
Toluene*	<0.050	0.050	05/31/2023	ND	2.24	112	2.00	6.88		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.16	108	2.00	7.27		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.70	112	6.00	7.70		
Total BTEX	<0.300	0.300	05/31/2023	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	80.0	16.0	05/31/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	160	79.8	200	1.85	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	161	80.4	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-306.0-01.0-P (H232744-14)

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	05/31/2023	ND	2.17	108	2.00	7.63		
Toluene*	<0.050	0.050	05/31/2023	ND	2.24	112	2.00	6.88		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.16	108	2.00	7.27		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.70	112	6.00	7.70		
Total BTEX	<0.300	0.300	05/31/2023	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	96.0	16.0	05/31/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	160	79.8	200	1.85	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	161	80.4	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-307.0-01.0-P (H232744-15)

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	05/31/2023	ND	2.17	108	2.00	7.63		
Toluene*	<0.050	0.050	05/31/2023	ND	2.24	112	2.00	6.88		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.16	108	2.00	7.27		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.70	112	6.00	7.70		
Total BTEX	<0.300	0.300	05/31/2023	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	80.0	16.0	05/31/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	160	79.8	200	1.85	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	161	80.4	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-308.0-01.0-P (H232744-16)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/31/2023	ND	2.17	108	2.00	7.63		
Toluene*	<0.050	0.050	05/31/2023	ND	2.24	112	2.00	6.88		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.16	108	2.00	7.27		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.70	112	6.00	7.70		
Total BTEX	<0.300	0.300	05/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/31/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	160	79.8	200	1.85	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	161	80.4	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-358.0-00.5-P (H232744-17)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/31/2023	ND	2.17	108	2.00	7.63		
Toluene*	<0.050	0.050	05/31/2023	ND	2.24	112	2.00	6.88		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.16	108	2.00	7.27		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.70	112	6.00	7.70		
Total BTEX	<0.300	0.300	05/31/2023	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	32.0	16.0	05/31/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/01/2023	ND	160	79.8	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/01/2023	ND	161	80.4	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	06/01/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-359.0-00.5-P (H232744-18)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/31/2023	ND	2.17	108	2.00	7.63		
Toluene*	<0.050	0.050	05/31/2023	ND	2.24	112	2.00	6.88		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.16	108	2.00	7.27		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.70	112	6.00	7.70		
Total BTEX	<0.300	0.300	05/31/2023	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	80.0	16.0	05/31/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	160	79.8	200	1.85	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	161	80.4	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-360.0-00.5-P (H232744-19)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/31/2023	ND	2.17	108	2.00	7.63		
Toluene*	<0.050	0.050	05/31/2023	ND	2.24	112	2.00	6.88		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.16	108	2.00	7.27		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.70	112	6.00	7.70		
Total BTEX	<0.300	0.300	05/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/31/2023	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	05/31/2023	ND	160	79.8	200	1.85	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	161	80.4	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-361.0-00.5-P (H232744-20)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/31/2023	ND	2.17	108	2.00	7.63		
Toluene*	<0.050	0.050	05/31/2023	ND	2.24	112	2.00	6.88		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.16	108	2.00	7.27		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.70	112	6.00	7.70		
Total BTEX	<0.300	0.300	05/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/31/2023	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	06/01/2023	ND	160	79.8	200	1.85	
DRO >C10-C28*	<10.0	10.0	06/01/2023	ND	161	80.4	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	06/01/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-362.0-00.5-P (H232744-21)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/31/2023	ND	2.17	108	2.00	7.63		
Toluene*	<0.050	0.050	05/31/2023	ND	2.24	112	2.00	6.88		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.16	108	2.00	7.27		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.70	112	6.00	7.70		
Total BTEX	<0.300	0.300	05/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/31/2023	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	05/31/2023	ND	176	88.2	200	3.04	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	170	85.0	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-363.0-00.5-P (H232744-22)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/31/2023	ND	2.17	108	2.00	7.63		
Toluene*	<0.050	0.050	05/31/2023	ND	2.24	112	2.00	6.88		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.16	108	2.00	7.27		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.70	112	6.00	7.70		
Total BTEX	<0.300	0.300	05/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/31/2023	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	05/31/2023	ND	176	88.2	200	3.04	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	170	85.0	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-364.0-00.5-P (H232744-23)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/31/2023	ND	2.17	108	2.00	7.63		
Toluene*	<0.050	0.050	05/31/2023	ND	2.24	112	2.00	6.88		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.16	108	2.00	7.27		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.70	112	6.00	7.70		
Total BTEX	<0.300	0.300	05/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	05/31/2023	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	05/31/2023	ND	176	88.2	200	3.04	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	170	85.0	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-365.0-00.5-P (H232744-24)

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	05/31/2023	ND	2.17	108	2.00	7.63		
Toluene*	<0.050	0.050	05/31/2023	ND	2.24	112	2.00	6.88		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.16	108	2.00	7.27		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.70	112	6.00	7.70		
Total BTX	<0.300	0.300	05/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/31/2023	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	05/31/2023	ND	176	88.2	200	3.04	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	170	85.0	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-366.0-00.5-P (H232744-25)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2023	ND	2.17	108	2.00	7.63	
Toluene*	<0.050	0.050	05/31/2023	ND	2.24	112	2.00	6.88	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.16	108	2.00	7.27	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.70	112	6.00	7.70	
Total BTEX	<0.300	0.300	05/31/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/31/2023	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	05/31/2023	ND	176	88.2	200	3.04	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	170	85.0	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-367.0-00.5-P (H232744-26)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/31/2023	ND	2.17	108	2.00	7.63		
Toluene*	<0.050	0.050	05/31/2023	ND	2.24	112	2.00	6.88		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.16	108	2.00	7.27		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.70	112	6.00	7.70		
Total BTX	<0.300	0.300	05/31/2023	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	48.0	16.0	05/31/2023	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	05/31/2023	ND	176	88.2	200	3.04	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	170	85.0	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-368.0-00.5-P (H232744-27)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/31/2023	ND	2.17	108	2.00	7.63		
Toluene*	<0.050	0.050	05/31/2023	ND	2.24	112	2.00	6.88		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.16	108	2.00	7.27		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.70	112	6.00	7.70		
Total BTEX	<0.300	0.300	05/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/31/2023	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	05/31/2023	ND	176	88.2	200	3.04	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	170	85.0	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-369.0-00.5-P (H232744-28)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/31/2023	ND	2.17	108	2.00	7.63		
Toluene*	<0.050	0.050	05/31/2023	ND	2.24	112	2.00	6.88		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.16	108	2.00	7.27		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.70	112	6.00	7.70		
Total BTEX	<0.300	0.300	05/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/31/2023	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	05/31/2023	ND	176	88.2	200	3.04	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	170	85.0	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-370.0-00.5-P (H232744-29)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	0.358		
Toluene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.15	108	2.00	0.695		
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.67	111	6.00	1.48		
Total BTEX	<0.300	0.300	06/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/31/2023	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	05/31/2023	ND	176	88.2	200	3.04	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	170	85.0	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-371.0-00.5-P (H232744-30)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	0.358		
Toluene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.15	108	2.00	0.695		
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.67	111	6.00	1.48		
Total BTEx	<0.300	0.300	06/01/2023	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	64.0	16.0	05/31/2023	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	05/31/2023	ND	176	88.2	200	3.04	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	170	85.0	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-372.0-00.5-P (H232744-31)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	0.358		
Toluene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.15	108	2.00	0.695		
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.67	111	6.00	1.48		
Total BTEx	<0.300	0.300	06/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/31/2023	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	05/31/2023	ND	176	88.2	200	3.04	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	170	85.0	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-373.0-00.5-P (H232744-32)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	0.358	
Toluene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	1.34	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.15	108	2.00	0.695	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.67	111	6.00	1.48	
Total BTEX	<0.300	0.300	06/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/31/2023	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	05/31/2023	ND	176	88.2	200	3.04	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	170	85.0	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-374.0-00.5-P (H232744-33)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	0.358		
Toluene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.15	108	2.00	0.695		
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.67	111	6.00	1.48		
Total BTEX	<0.300	0.300	06/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/31/2023	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	05/31/2023	ND	176	88.2	200	3.04	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	170	85.0	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-375.0-00.5-P (H232744-34)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	0.358		
Toluene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.15	108	2.00	0.695		
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.67	111	6.00	1.48		
Total BTEX	<0.300	0.300	06/01/2023	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	32.0	16.0	05/31/2023	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	05/31/2023	ND	176	88.2	200	3.04	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	170	85.0	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-376.0-00.5-P (H232744-35)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	0.358	
Toluene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	1.34	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.15	108	2.00	0.695	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.67	111	6.00	1.48	
Total BTEx	<0.300	0.300	06/01/2023	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	05/31/2023	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	05/31/2023	ND	176	88.2	200	3.04	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	170	85.0	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-377.0-00.5-P (H232744-36)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	0.358	
Toluene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	1.34	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.15	108	2.00	0.695	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.67	111	6.00	1.48	
Total BTEX	<0.300	0.300	06/01/2023	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	05/31/2023	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	05/31/2023	ND	176	88.2	200	3.04	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	170	85.0	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-378.0-00.5-P (H232744-37)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	0.358		
Toluene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.15	108	2.00	0.695		
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.67	111	6.00	1.48		
Total BTEX	<0.300	0.300	06/01/2023	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	32.0	16.0	05/31/2023	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	05/31/2023	ND	176	88.2	200	3.04	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	170	85.0	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-379.0-00.5-P (H232744-38)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	0.358	
Toluene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	1.34	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.15	108	2.00	0.695	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.67	111	6.00	1.48	
Total BTEX	<0.300	0.300	06/01/2023	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	32.0	16.0	05/31/2023	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	05/31/2023	ND	176	88.2	200	3.04	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	170	85.0	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-380.0-00.5-P (H232744-39)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	0.358	
Toluene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	1.34	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.15	108	2.00	0.695	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.67	111	6.00	1.48	
Total BTEX	<0.300	0.300	06/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/31/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	176	88.2	200	3.04	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	170	85.0	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-381.0-00.5-P (H232744-40)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	0.358		
Toluene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.15	108	2.00	0.695		
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.67	111	6.00	1.48		
Total BTEX	<0.300	0.300	06/01/2023	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	64.0	16.0	05/31/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/01/2023	ND	176	88.2	200	3.04	
DRO >C10-C28*	<10.0	10.0	06/01/2023	ND	170	85.0	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	06/01/2023	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-382.0-00.5-P (H232744-41)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	0.358		
Toluene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.15	108	2.00	0.695		
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.67	111	6.00	1.48		
Total BTEX	<0.300	0.300	06/01/2023	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	32.0	16.0	05/31/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	187	93.6	200	0.546		
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	175	87.5	200	0.608		
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND						

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-383.0-00.5-P (H232744-42)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	0.358	
Toluene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	1.34	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.15	108	2.00	0.695	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.67	111	6.00	1.48	
Total BTEX	<0.300	0.300	06/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/31/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	187	93.6	200	0.546	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	175	87.5	200	0.608	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-384.0-00.5-P (H232744-43)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	0.358		
Toluene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.15	108	2.00	0.695		
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.67	111	6.00	1.48		
Total BTEX	<0.300	0.300	06/01/2023	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	64.0	16.0	05/31/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	187	93.6	200	0.546	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	175	87.5	200	0.608	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 137 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-385.0-00.5-P (H232744-44)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	0.358		
Toluene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.15	108	2.00	0.695		
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.67	111	6.00	1.48		
Total BTEX	<0.300	0.300	06/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/31/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	187	93.6	200	0.546	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	175	87.5	200	0.608	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-386.0-00.5-P (H232744-45)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	0.358		
Toluene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.15	108	2.00	0.695		
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.67	111	6.00	1.48		
Total BTEX	<0.300	0.300	06/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/31/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	187	93.6	200	0.546	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	175	87.5	200	0.608	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-387.0-00.5-P (H232744-46)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	0.358	
Toluene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	1.34	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.15	108	2.00	0.695	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.67	111	6.00	1.48	
Total BTEX	<0.300	0.300	06/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/31/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	187	93.6	200	0.546	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	175	87.5	200	0.608	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-388.0-00.5-P (H232744-47)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	0.358		
Toluene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.15	108	2.00	0.695		
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.67	111	6.00	1.48		
Total BTEX	<0.300	0.300	06/01/2023	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	48.0	16.0	05/31/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	187	93.6	200	0.546	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	175	87.5	200	0.608	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-389.0-00.5-P (H232744-48)

BTEx 8021B			mg/kg							
			Analyzed By: JH/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	0.358		
Toluene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	1.34		
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.15	108	2.00	0.695		
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.67	111	6.00	1.48		
Total BTEX	<0.300	0.300	06/01/2023	ND						

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

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/31/2023	ND	416	104	400	7.41		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	187	93.6	200	0.546		
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	175	87.5	200	0.608		
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND						

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-390.0-00.5-P (H232744-49)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/31/2023	ND	2.09	105	2.00	4.39		
Toluene*	<0.050	0.050	05/31/2023	ND	2.13	106	2.00	5.50		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.20	110	2.00	5.22		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.50	108	6.00	4.83		
Total BTEx	<0.300	0.300	05/31/2023	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	80.0	16.0	05/31/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	187	93.6	200	0.546	
DRO >C10-C28*	52.1	10.0	05/31/2023	ND	175	87.5	200	0.608	
EXT DRO >C28-C36	70.4	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-391.0-00.5-P (H232744-50)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/31/2023	ND	2.09	105	2.00	4.39		
Toluene*	<0.050	0.050	05/31/2023	ND	2.13	106	2.00	5.50		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.20	110	2.00	5.22		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.50	108	6.00	4.83		
Total BTEX	<0.300	0.300	05/31/2023	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	64.0	16.0	05/31/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	187	93.6	200	0.546		
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	175	87.5	200	0.608		
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND						

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-392.0-00.5-P (H232744-51)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2023	ND	2.09	105	2.00	4.39	
Toluene*	<0.050	0.050	05/31/2023	ND	2.13	106	2.00	5.50	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.20	110	2.00	5.22	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.50	108	6.00	4.83	
Total BTEX	<0.300	0.300	05/31/2023	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	64.0	16.0	05/31/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	187	93.6	200	0.546	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	175	87.5	200	0.608	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 136 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-393.0-00.5-P (H232744-52)

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	05/31/2023	ND	2.09	105	2.00	4.39	
Toluene*	<0.050	0.050	05/31/2023	ND	2.13	106	2.00	5.50	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.20	110	2.00	5.22	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.50	108	6.00	4.83	
Total BTEx	<0.300	0.300	05/31/2023	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	48.0	16.0	05/31/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	187	93.6	200	0.546	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	175	87.5	200	0.608	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-394.0-00.5-P (H232744-53)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2023	ND	2.09	105	2.00	4.39	
Toluene*	<0.050	0.050	05/31/2023	ND	2.13	106	2.00	5.50	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.20	110	2.00	5.22	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.50	108	6.00	4.83	
Total BTEX	<0.300	0.300	05/31/2023	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	80.0	16.0	05/31/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	187	93.6	200	0.546	
DRO >C10-C28*	49.7	10.0	05/31/2023	ND	175	87.5	200	0.608	
EXT DRO >C28-C36	65.7	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-395.0-00.5-P (H232744-54)

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	05/31/2023	ND	2.09	105	2.00	4.39		
Toluene*	<0.050	0.050	05/31/2023	ND	2.13	106	2.00	5.50		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.20	110	2.00	5.22		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.50	108	6.00	4.83		
Total BTEx	<0.300	0.300	05/31/2023	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	64.0	16.0	05/31/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	187	93.6	200	0.546	
DRO >C10-C28*	43.4	10.0	05/31/2023	ND	175	87.5	200	0.608	
EXT DRO >C28-C36	58.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-396.0-00.5-P (H232744-55)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/31/2023	ND	2.09	105	2.00	4.39		
Toluene*	<0.050	0.050	05/31/2023	ND	2.13	106	2.00	5.50		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.20	110	2.00	5.22		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.50	108	6.00	4.83		
Total BTEX	<0.300	0.300	05/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/31/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	187	93.6	200	0.546		
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	175	87.5	200	0.608		
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND						

Surrogate: 1-Chlorooctane 131 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-397.0-00.5-P (H232744-56)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2023	ND	2.09	105	2.00	4.39	
Toluene*	<0.050	0.050	05/31/2023	ND	2.13	106	2.00	5.50	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.20	110	2.00	5.22	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.50	108	6.00	4.83	
Total BTEX	<0.300	0.300	05/31/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/31/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	187	93.6	200	0.546	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	175	87.5	200	0.608	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-398.0-00.5-P (H232744-57)

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	05/31/2023	ND	2.09	105	2.00	4.39		
Toluene*	<0.050	0.050	05/31/2023	ND	2.13	106	2.00	5.50		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.20	110	2.00	5.22		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.50	108	6.00	4.83		
Total BTEX	<0.300	0.300	05/31/2023	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	32.0	16.0	05/31/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	187	93.6	200	0.546	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	175	87.5	200	0.608	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-399.0-00.5-P (H232744-58)

BTEx 8021B			mg/kg							
			Analyzed By: JH/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/31/2023	ND	2.09	105	2.00	4.39		
Toluene*	<0.050	0.050	05/31/2023	ND	2.13	106	2.00	5.50		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.20	110	2.00	5.22		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.50	108	6.00	4.83		
Total BTEX	<0.300	0.300	05/31/2023	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	48.0	16.0	05/31/2023	ND	416	104	400	7.41		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	187	93.6	200	0.546		
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	175	87.5	200	0.608		
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND						

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-400.0-00.5-P (H232744-59)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2023	ND	2.09	105	2.00	4.39	
Toluene*	<0.050	0.050	05/31/2023	ND	2.13	106	2.00	5.50	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.20	110	2.00	5.22	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.50	108	6.00	4.83	
Total BTEX	<0.300	0.300	05/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	05/31/2023	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	05/31/2023	ND	187	93.6	200	0.546	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	175	87.5	200	0.608	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-401.0-00.5-P (H232744-60)

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	05/31/2023	ND	2.09	105	2.00	4.39	
Toluene*	<0.050	0.050	05/31/2023	ND	2.13	106	2.00	5.50	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.20	110	2.00	5.22	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.50	108	6.00	4.83	
Total BTEx	<0.300	0.300	05/31/2023	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	<16.0	16.0	05/31/2023	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	06/01/2023	ND	187	93.6	200	0.546	
DRO >C10-C28*	<10.0	10.0	06/01/2023	ND	175	87.5	200	0.608	
EXT DRO >C28-C36	<10.0	10.0	06/01/2023	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-402.0-00.5-P (H232744-61)

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	05/31/2023	ND	2.09	105	2.00	4.39	
Toluene*	<0.050	0.050	05/31/2023	ND	2.13	106	2.00	5.50	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.20	110	2.00	5.22	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.50	108	6.00	4.83	
Total BTEX	<0.300	0.300	05/31/2023	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	<16.0	16.0	05/31/2023	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	05/31/2023	ND	178	89.2	200	2.90	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	178	89.0	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-403.0-00.5-P (H232744-62)

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	05/31/2023	ND	2.09	105	2.00	4.39	
Toluene*	<0.050	0.050	05/31/2023	ND	2.13	106	2.00	5.50	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.20	110	2.00	5.22	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.50	108	6.00	4.83	
Total BTEX	<0.300	0.300	05/31/2023	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	32.0	16.0	05/31/2023	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	05/31/2023	ND	178	89.2	200	2.90	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	178	89.0	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 62.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.9 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-404.0-00.5-P (H232744-63)

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	05/31/2023	ND	2.09	105	2.00	4.39	
Toluene*	<0.050	0.050	05/31/2023	ND	2.13	106	2.00	5.50	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.20	110	2.00	5.22	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.50	108	6.00	4.83	
Total BTEX	<0.300	0.300	05/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	05/31/2023	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	05/31/2023	ND	178	89.2	200	2.90	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	178	89.0	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.3 % 49.1-148

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Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-405.0-00.5-P (H232744-64)

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	05/31/2023	ND	2.09	105	2.00	4.39	
Toluene*	<0.050	0.050	05/31/2023	ND	2.13	106	2.00	5.50	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.20	110	2.00	5.22	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.50	108	6.00	4.83	
Total BTEX	<0.300	0.300	05/31/2023	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	48.0	16.0	05/31/2023	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	05/31/2023	ND	178	89.2	200	2.90	
DRO >C10-C28*	33.6	10.0	05/31/2023	ND	178	89.0	200	2.52	
EXT DRO >C28-C36	42.2	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-406.0-00.5-P (H232744-65)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/31/2023	ND	2.09	105	2.00	4.39		
Toluene*	<0.050	0.050	05/31/2023	ND	2.13	106	2.00	5.50		
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.20	110	2.00	5.22		
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.50	108	6.00	4.83		
Total BTEX	<0.300	0.300	05/31/2023	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	48.0	16.0	05/31/2023	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	05/31/2023	ND	178	89.2	200	2.90	
DRO >C10-C28*	41.3	10.0	05/31/2023	ND	178	89.0	200	2.52	
EXT DRO >C28-C36	50.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-407.0-00.5-P (H232744-66)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2023	ND	2.09	105	2.00	4.39	
Toluene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	5.50	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.20	110	2.00	5.22	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.50	108	6.00	4.83	
Total BTEx	<0.300	0.300	06/01/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/31/2023	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	05/31/2023	ND	178	89.2	200	2.90	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	178	89.0	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-408.0-00.5-P (H232744-67)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2023	ND	2.09	105	2.00	4.39	
Toluene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	5.50	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.20	110	2.00	5.22	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.50	108	6.00	4.83	
Total BTEX	<0.300	0.300	06/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/31/2023	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	05/31/2023	ND	178	89.2	200	2.90	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	178	89.0	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-409.0-00.5-P (H232744-68)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/01/2023	ND	2.09	105	2.00	4.39		
Toluene*	<0.050	0.050	06/01/2023	ND	2.13	106	2.00	5.50		
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.20	110	2.00	5.22		
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.50	108	6.00	4.83		
Total BTEX	<0.300	0.300	06/01/2023	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	64.0	16.0	05/31/2023	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	05/31/2023	ND	178	89.2	200	2.90	
DRO >C10-C28*	42.1	10.0	05/31/2023	ND	178	89.0	200	2.52	
EXT DRO >C28-C36	51.9	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-410.0-00.5-P (H232744-69)

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	05/31/2023	ND	2.37	119	2.00	4.50	
Toluene*	<0.050	0.050	05/31/2023	ND	2.36	118	2.00	4.88	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.29	115	2.00	3.67	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.94	116	6.00	2.84	
Total BTEX	<0.300	0.300	05/31/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/31/2023	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	05/31/2023	ND	178	89.2	200	2.90	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	178	89.0	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 62.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.4 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-411.0-00.5-P (H232744-70)

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	05/31/2023	ND	2.37	119	2.00	4.50	
Toluene*	<0.050	0.050	05/31/2023	ND	2.36	118	2.00	4.88	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.29	115	2.00	3.67	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.94	116	6.00	2.84	
Total BTEX	<0.300	0.300	05/31/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/31/2023	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	05/31/2023	ND	178	89.2	200	2.90	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	178	89.0	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-412.0-00.5-P (H232744-71)

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	05/31/2023	ND	2.37	119	2.00	4.50	
Toluene*	<0.050	0.050	05/31/2023	ND	2.36	118	2.00	4.88	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.29	115	2.00	3.67	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.94	116	6.00	2.84	
Total BTEX	<0.300	0.300	05/31/2023	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	48.0	16.0	05/31/2023	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	05/31/2023	ND	178	89.2	200	2.90	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	178	89.0	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-413.0-00.5-P (H232744-72)

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	05/31/2023	ND	2.37	119	2.00	4.50	
Toluene*	<0.050	0.050	05/31/2023	ND	2.36	118	2.00	4.88	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.29	115	2.00	3.67	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.94	116	6.00	2.84	
Total BTEX	<0.300	0.300	05/31/2023	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	48.0	16.0	05/31/2023	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	05/31/2023	ND	178	89.2	200	2.90	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	178	89.0	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-414.0-00.5-P (H232744-73)

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	06/01/2023	ND	2.37	119	2.00	4.50	
Toluene*	<0.050	0.050	06/01/2023	ND	2.36	118	2.00	4.88	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.29	115	2.00	3.67	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.94	116	6.00	2.84	
Total BTEX	<0.300	0.300	06/01/2023	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	05/31/2023	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	05/31/2023	ND	178	89.2	200	2.90	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	178	89.0	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-415.0-00.5-P (H232744-74)

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	06/01/2023	ND	2.37	119	2.00	4.50		
Toluene*	<0.050	0.050	06/01/2023	ND	2.36	118	2.00	4.88		
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.29	115	2.00	3.67		
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.94	116	6.00	2.84		
Total BTEX	<0.300	0.300	06/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/31/2023	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	05/31/2023	ND	178	89.2	200	2.90	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	178	89.0	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-416.0-00.5-P (H232744-75)

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	06/01/2023	ND	2.09	105	2.00	1.79	
Toluene*	<0.050	0.050	06/01/2023	ND	2.10	105	2.00	2.62	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	2.51	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.33	106	6.00	2.89	
Total BTEX	<0.300	0.300	06/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	05/31/2023	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	05/31/2023	ND	178	89.2	200	2.90	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	178	89.0	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-417.0-00.5-P (H232744-76)

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	06/01/2023	ND	2.09	105	2.00	1.79	
Toluene*	<0.050	0.050	06/01/2023	ND	2.10	105	2.00	2.62	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	2.51	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.33	106	6.00	2.89	
Total BTEx	<0.300	0.300	06/01/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/31/2023	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	05/31/2023	ND	178	89.2	200	2.90	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	178	89.0	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-418.0-00.5-P (H232744-77)

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	06/01/2023	ND	2.09	105	2.00	1.79	
Toluene*	<0.050	0.050	06/01/2023	ND	2.10	105	2.00	2.62	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	2.51	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.33	106	6.00	2.89	
Total BTEX	<0.300	0.300	06/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	05/31/2023	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	05/31/2023	ND	178	89.2	200	2.90	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	178	89.0	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 99.5 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-419.0-00.5-P (H232744-78)

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	06/01/2023	ND	2.09	105	2.00	1.79	
Toluene*	<0.050	0.050	06/01/2023	ND	2.10	105	2.00	2.62	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	2.51	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.33	106	6.00	2.89	
Total BTEX	<0.300	0.300	06/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	05/31/2023	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	05/31/2023	ND	178	89.2	200	2.90	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	178	89.0	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-420.0-00.5-P (H232744-79)

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	06/01/2023	ND	2.09	105	2.00	1.79	
Toluene*	<0.050	0.050	06/01/2023	ND	2.10	105	2.00	2.62	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	2.51	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.33	106	6.00	2.89	
Total BTEX	<0.300	0.300	06/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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	06/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	178	89.2	200	2.90	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	178	89.0	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 104 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-421.0-00.5-P (H232744-80)

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	06/01/2023	ND	2.09	105	2.00	1.79	
Toluene*	<0.050	0.050	06/01/2023	ND	2.10	105	2.00	2.62	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	2.51	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.33	106	6.00	2.89	
Total BTEX	<0.300	0.300	06/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	06/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	178	89.2	200	2.90	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	178	89.0	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-422.0-00.5-P (H232744-81)

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	06/01/2023	ND	2.09	105	2.00	1.79		
Toluene*	<0.050	0.050	06/01/2023	ND	2.10	105	2.00	2.62		
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	2.51		
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.33	106	6.00	2.89		
Total BTEX	<0.300	0.300	06/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	06/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	175	87.6	200	1.30	
DRO >C10-C28*	62.8	10.0	05/31/2023	ND	168	83.8	200	3.99	
EXT DRO >C28-C36	77.1	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 105 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-423.0-00.5-P (H232744-82)

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	06/01/2023	ND	2.09	105	2.00	1.79	
Toluene*	<0.050	0.050	06/01/2023	ND	2.10	105	2.00	2.62	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	2.51	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.33	106	6.00	2.89	
Total BTEx	<0.300	0.300	06/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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	06/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	175	87.6	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	168	83.8	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-424.0-00.5-P (H232744-83)

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	06/01/2023	ND	2.09	105	2.00	1.79	
Toluene*	<0.050	0.050	06/01/2023	ND	2.10	105	2.00	2.62	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	2.51	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.33	106	6.00	2.89	
Total BTEx	<0.300	0.300	06/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 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	06/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	175	87.6	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	168	83.8	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-425.0-00.5-P (H232744-84)

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	06/01/2023	ND	2.09	105	2.00	1.79	
Toluene*	<0.050	0.050	06/01/2023	ND	2.10	105	2.00	2.62	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	2.51	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.33	106	6.00	2.89	
Total BTEx	<0.300	0.300	06/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	06/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	175	87.6	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	168	83.8	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 106 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-426.0-00.5-P (H232744-85)

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	06/01/2023	ND	2.09	105	2.00	1.79	
Toluene*	<0.050	0.050	06/01/2023	ND	2.10	105	2.00	2.62	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	2.51	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.33	106	6.00	2.89	
Total BTEx	<0.300	0.300	06/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	06/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	175	87.6	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	168	83.8	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-427.0-00.5-P (H232744-86)

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	06/01/2023	ND	2.09	105	2.00	1.79	
Toluene*	<0.050	0.050	06/01/2023	ND	2.10	105	2.00	2.62	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	2.51	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.33	106	6.00	2.89	
Total BTEX	<0.300	0.300	06/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	175	87.6	200	1.30	
DRO >C10-C28*	58.5	10.0	05/31/2023	ND	168	83.8	200	3.99	
EXT DRO >C28-C36	71.2	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-428.0-00.5-P (H232744-87)

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	06/01/2023	ND	2.09	105	2.00	1.79		
Toluene*	<0.050	0.050	06/01/2023	ND	2.10	105	2.00	2.62		
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	2.51		
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.33	106	6.00	2.89		
Total BTEX	<0.300	0.300	06/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	128	16.0	06/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	175	87.6	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	168	83.8	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-429.0-00.5-P (H232744-88)

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	06/01/2023	ND	2.09	105	2.00	1.79	
Toluene*	<0.050	0.050	06/01/2023	ND	2.10	105	2.00	2.62	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	2.51	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.33	106	6.00	2.89	
Total BTEX	<0.300	0.300	06/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	06/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	175	87.6	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	168	83.8	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-430.0-00.5-P (H232744-89)

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	06/01/2023	ND	2.09	105	2.00	1.79	
Toluene*	<0.050	0.050	06/01/2023	ND	2.10	105	2.00	2.62	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	2.51	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.33	106	6.00	2.89	
Total BTEX	<0.300	0.300	06/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	06/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	175	87.6	200	1.30	
DRO >C10-C28*	50.9	10.0	05/31/2023	ND	168	83.8	200	3.99	
EXT DRO >C28-C36	60.6	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-431.0-00.5-P (H232744-90)

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	06/01/2023	ND	2.09	105	2.00	1.79	
Toluene*	<0.050	0.050	06/01/2023	ND	2.10	105	2.00	2.62	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	2.51	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.33	106	6.00	2.89	
Total BTEX	<0.300	0.300	06/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	175	87.6	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	168	83.8	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-432.0-00.5-P (H232744-91)

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	06/01/2023	ND	2.09	105	2.00	1.79		
Toluene*	<0.050	0.050	06/01/2023	ND	2.10	105	2.00	2.62		
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	2.51		
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.33	106	6.00	2.89		
Total BTEX	<0.300	0.300	06/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	06/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	175	87.6	200	1.30	
DRO >C10-C28*	50.5	10.0	05/31/2023	ND	168	83.8	200	3.99	
EXT DRO >C28-C36	64.2	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-433.0-00.5-P (H232744-92)

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	06/01/2023	ND	2.09	105	2.00	1.79		
Toluene*	<0.050	0.050	06/01/2023	ND	2.10	105	2.00	2.62		
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	2.51		
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.33	106	6.00	2.89		
Total BTEX	<0.300	0.300	06/01/2023	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	06/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	175	87.6	200	1.30		
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	168	83.8	200	3.99		
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND						

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-434.0-00.5-P (H232744-93)

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	06/01/2023	ND	2.09	105	2.00	1.79	
Toluene*	<0.050	0.050	06/01/2023	ND	2.10	105	2.00	2.62	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	2.51	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.33	106	6.00	2.89	
Total BTEX	<0.300	0.300	06/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	06/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	175	87.6	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	168	83.8	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/30/2023	Sampling Date:	05/30/2023
Reported:	06/02/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CW-001.0-00.5-P (H232744-94)

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	06/01/2023	ND	2.09	105	2.00	1.79	
Toluene*	<0.050	0.050	06/01/2023	ND	2.10	105	2.00	2.62	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.18	109	2.00	2.51	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.33	106	6.00	2.89	
Total BTEx	<0.300	0.300	06/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	06/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	175	87.6	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	168	83.8	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 107 % 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: 05/30/2023
 Reported: 06/02/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 05/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CW-002.0-00.5-P (H232744-95)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2023	ND	2.04	102	2.00	8.36	
Toluene*	<0.050	0.050	06/01/2023	ND	2.10	105	2.00	8.54	
Ethylbenzene*	<0.050	0.050	06/01/2023	ND	2.03	102	2.00	8.51	
Total Xylenes*	<0.150	0.150	06/01/2023	ND	6.33	105	6.00	6.80	
Total BTEX	<0.300	0.300	06/01/2023	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	32.0	16.0	06/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	175	87.6	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	168	83.8	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 106 % 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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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager

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Page 99 of 107

Page 100 of 107

Page 101 of 107

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		BILL TO	
Project Manager: Dan Dunkelberg		P.O. #:	
Address: 8426 N Dal Paso		Company: Westbourne Oil Co.	
City: Hobbs		Attn: Corrie Walker	
State: NM Zip: 88241		Address:	
Phone #:		City:	
Project #:		State:	
Project Name: SLMMS Caltrans Free Booster		Zip:	
Project Location: Eddy Co., NM		Phone #:	
Sampler Name: JC		Fax #:	
FOR LAB USE ONLY		SAMPLING	
Lab I.D.		Sample I.D.	
41		41	
CF-382.0-00.5-P		CF-382.0-00.5-P	
42		42	
CF-383.0-00.5-P		CF-383.0-00.5-P	
43		43	
CF-384.0-00.5-P		CF-384.0-00.5-P	
44		44	
CF-385.0-00.5-P		CF-385.0-00.5-P	
45		45	
CF-386.0-00.5-P		CF-386.0-00.5-P	
46		46	
CF-387.0-00.5-P		CF-387.0-00.5-P	
47		47	
CF-388.0-00.5-P		CF-388.0-00.5-P	
48		48	
CF-389.0-00.5-P		CF-389.0-00.5-P	
49		49	
CF-390.0-00.5-P		CF-390.0-00.5-P	
50		50	
CF-391.0-00.5-P		CF-391.0-00.5-P	
51		51	
CF-392.0-00.5-P		CF-392.0-00.5-P	
52		52	
CF-393.0-00.5-P		CF-393.0-00.5-P	
53		53	
CF-394.0-00.5-P		CF-394.0-00.5-P	
54		54	
CF-395.0-00.5-P		CF-395.0-00.5-P	
55		55	
CF-396.0-00.5-P		CF-396.0-00.5-P	
56		56	
CF-397.0-00.5-P		CF-397.0-00.5-P	
57		57	
CF-398.0-00.5-P		CF-398.0-00.5-P	
58		58	
CF-399.0-00.5-P		CF-399.0-00.5-P	
59		59	
CF-400.0-00.5-P		CF-400.0-00.5-P	
60		60	
CF-401.0-00.5-P		CF-401.0-00.5-P	
61		61	
CF-402.0-00.5-P		CF-402.0-00.5-P	
62		62	
CF-403.0-00.5-P		CF-403.0-00.5-P	
63		63	
CF-404.0-00.5-P		CF-404.0-00.5-P	
64		64	
CF-405.0-00.5-P		CF-405.0-00.5-P	
65		65	
CF-406.0-00.5-P		CF-406.0-00.5-P	
66		66	
CF-407.0-00.5-P		CF-407.0-00.5-P	
67		67	
CF-408.0-00.5-P		CF-408.0-00.5-P	
68		68	
CF-409.0-00.5-P		CF-409.0-00.5-P	
69		69	
CF-410.0-00.5-P		CF-410.0-00.5-P	
70		70	
CF-411.0-00.5-P		CF-411.0-00.5-P	
71		71	
CF-412.0-00.5-P		CF-412.0-00.5-P	
72		72	
CF-413.0-00.5-P		CF-413.0-00.5-P	
73		73	
CF-414.0-00.5-P		CF-414.0-00.5-P	
74		74	
CF-415.0-00.5-P		CF-415.0-00.5-P	
75		75	
CF-416.0-00.5-P		CF-416.0-00.5-P	
76		76	
CF-417.0-00.5-P		CF-417.0-00.5-P	
77		77	
CF-418.0-00.5-P		CF-418.0-00.5-P	
78		78	
CF-419.0-00.5-P		CF-419.0-00.5-P	
79		79	
CF-420.0-00.5-P		CF-420.0-00.5-P	
80		80	
CF-421.0-00.5-P		CF-421.0-00.5-P	
81		81	
CF-422.0-00.5-P		CF-422.0-00.5-P	
82		82	
CF-423.0-00.5-P		CF-423.0-00.5-P	
83		83	
CF-424.0-00.5-P		CF-424.0-00.5-P	
84		84	
CF-425.0-00.5-P		CF-425.0-00.5-P	
85		85	
CF-426.0-00.5-P		CF-426.0-00.5-P	
86		86	
CF-427.0-00.5-P		CF-427.0-00.5-P	
87		87	
CF-428.0-00.5-P		CF-428.0-00.5-P	
88		88	
CF-429.0-00.5-P		CF-429.0-00.5-P	
89		89	
CF-430.0-00.5-P		CF-430.0-00.5-P	
90		90	
CF-431.0-00.5-P		CF-431.0-00.5-P	
91		91	
CF-432.0-00.5-P		CF-432.0-00.5-P	
92		92	
CF-433.0-00.5-P		CF-433.0-00.5-P	
93		93	
CF-434.0-00.5-P		CF-434.0-00.5-P	
94		94	
CF-435.0-00.5-P		CF-435.0-00.5-P	
95		95	
CF-436.0-00.5-P		CF-436.0-00.5-P	
96		96	
CF-437.0-00.5-P		CF-437.0-00.5-P	
97		97	
CF-438.0-00.5-P		CF-438.0-00.5-P	
98		98	
CF-439.0-00.5-P		CF-439.0-00.5-P	
99		99	
CF-440.0-00.5-P		CF-440.0-00.5-P	
100		100	
CF-441.0-00.5-P		CF-441.0-00.5-P	
101		101	
CF-442.0-00.5-P		CF-442.0-00.5-P	
102		102	
CF-443.0-00.5-P		CF-443.0-00.5-P	
103		103	
CF-444.0-00.5-P		CF-444.0-00.5-P	
104		104	
CF-445.0-00.5-P		CF-445.0-00.5-P	
105		105	
CF-446.0-00.5-P		CF-446.0-00.5-P	
106		106	
CF-447.0-00.5-P		CF-447.0-00.5-P	
107		107	
CF-448.0-00.5-P		CF-448.0-00.5-P	
108		108	
CF-449.0-00.5-P		CF-449.0-00.5-P	
109		109	
CF-450.0-00.5-P		CF-450.0-00.5-P	
110		110	
CF-451.0-00.5-P		CF-451.0-00.5-P	
111		111	
CF-452.0-00.5-P		CF-452.0-00.5-P	
112		112	
CF-453.0-00.5-P		CF-453.0-00.5-P	
113		113	
CF-454.0-00.5-P		CF-454.0-00.5-P	
114		114	
CF-455.0-00.5-P		CF-455.0-00.5-P	
115		115	
CF-456.0-00.5-P		CF-456.0-00.5-P	
116		116	
CF-457.0-00.5-P		CF-457.0-00.5-P	
117		117	
CF-458.0-00.5-P		CF-458.0-00.5-P	
118		118	
CF-459.0-00.5-P		CF-459.0-00.5-P	
119		119	
CF-460.0-00.5-P		CF-460.0-00.5-P	
120		120	
CF-461.0-00.5-P		CF-461.0-00.5-P	
121		121	
CF-462.0-00.5-P		CF-462.0-00.5-P	
122		122	
CF-463.0-00.5-P		CF-463.0-00.5-P	
123		123	
CF-464.0-00.5-P		CF-464.0-00.5-P	
124		124	
CF-465.0-00.5-P		CF-465.0-00.5-P	
125		125	
CF-466.0-00.5-P		CF-466.0-00.5-P	
126		126	
CF-467.0-00.5-P		CF-467.0-00.5-P	
127		127	
CF-468.0-00.5-P		CF-468.0-00.5-P	
128		128	
CF-469.0-00.5-P		CF-469.0-00.5-P	
129		129	
CF-470.0-00.5-P		CF-470.0-00.5-P	
130		130	
CF-471.0-00.5-P		CF-471.0-00.5-P	
131		131	
CF-472.0-00.5-P		CF-472.0-00.5-P	
132		132	
CF-473.0-00.5-P		CF-473.0-00.5-P	
133		133	
CF-474.0-00.5-P		CF-474.0-00.5-P	
134		134	
CF-475.0-00.5-P		CF-475.0-00.5-P	
135		135	
CF-476.0-00.5-P		CF-476.0-00.5-P	
136		136	
CF-477.0-00.5-P		CF-477.0-00.5-P	
137		137	
CF-478.0-00.5-P		CF-478.0-00.5-P	
138		138	
CF-479.0-00.5-P		CF-479.0-00.5-P	
139		139	
CF-480.0-00.5-P		CF-480.0-00.5-P	
140		140	
CF-481.0-00.5-P		CF-481.0-00.5-P	
141		141	
CF-482.0-00.5-P		CF-482.0-00.5-P	
142		142	
CF-483.0-00.5-P		CF-483.0-00.5-P	
143		143	
CF-484.0-00.5-P		CF-484.0-00.5-P	
144		144	
CF-485.0-00.5-P		CF-485.0-00.5-P	
145		145	
CF-486.0-00.5-P		CF-486.0-00.5-P	
146		146	
CF-487.0-00.5-P		CF-487.0-00.5-P	
147		147	
CF-488.0-00.5-P		CF-488.0-00.5-P	
148		148	
CF-489.0-00.5-P		CF-489.0-00.5-P	
149		149	
CF-490.0-00.5-P		CF-490.0-00.5-P	
150		150	
CF-491.0-00.5-P		CF-491.0-00.5-P	
151		151	
CF-492.0-00.5-P		CF-492.0-00.5-P	
152		152	
CF-493.0-00.5-P		CF-493.0-00.5-P	
153		153	
CF-494.0-00.5-P		CF-494.0-00.5-P	
154		154	
CF-495.0-00.5-P		CF-495.0-00.5-P	
155		155	
CF-496.0-00.5-P		CF-496.0-00.5-P	
156		156	
CF-497.0-00.5-P		CF-497.0-00.5-P	
157		157	
CF-498.0-00.5-P		CF-498.0-00.5-P	
158		158	
CF-499.0-00.5-P		CF-499.0-00.5-P	
159		159	
CF-500.0-00.5-P		CF-500.0-00.5-P	
160		160	
CF-501.0-00.5-P		CF-501.0-00.5-P	
161		161	
CF-502.0-00.5-P		CF-502.0-00.5-P	
162		162	
CF-503.0-00.5-P		CF-503.0-00.5-P	
163		163	
CF-504.0-00.5-P		CF-504.0-00.5-P	
164		164	
CF-505.0-00.5-P		CF-505.0-00.5-P	
165		165	
CF-506.0-00.5-P		CF-506.0-00.5-P	
166		166	
CF-507.0-00.5-P		CF-507.0-00.5-P	
167		167	
CF-508.0-00.5-P		CF-508.0-00.5-P	
168		168	
CF-509.0-00.5-P		CF-509.0-00.5-P	
169		169	
CF-510.0-00.5-P		CF-510.0-00.5-P	
170		170	
CF-511.0-00.5-P		CF-511.0-00.5-P	
171		171	
CF-512.0-00.5-P		CF-512.0-00.5-P	
172		172	
CF-513.0-00.5-P		CF-513.0-00.5-P	
173		173	
CF-514.0-00.5-P		CF-514.0-00.5-P	
174		174	
CF-515.0-00.5-P		CF-515.0-00.5-P	
175		175	
CF-516			

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Page 106 of 107

Page 107 of 107



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

June 20, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SLWMS COLTRANE FRAC BOOSTER

Enclosed are the results of analyses for samples received by the laboratory on 06/14/23 14:58.

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:	06/14/2023	Sampling Date:	06/14/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-390.0-01.0-P (H233062-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2023	ND	2.45	123	2.00	0.199		
Toluene*	<0.050	0.050	06/17/2023	ND	2.30	115	2.00	3.41		
Ethylbenzene*	<0.050	0.050	06/17/2023	ND	2.36	118	2.00	4.62		
Total Xylenes*	<0.150	0.150	06/17/2023	ND	7.14	119	6.00	5.71		
Total BTEX	<0.300	0.300	06/17/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/15/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	187	93.3	200	17.1	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	188	93.8	200	20.3	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 137 % 48.2-134

Surrogate: 1-Chlorooctadecane 147 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/14/2023	Sampling Date:	06/14/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-394.0-01.0-P (H233062-02)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2023	ND	2.45	123	2.00	0.199		
Toluene*	<0.050	0.050	06/17/2023	ND	2.30	115	2.00	3.41		
Ethylbenzene*	<0.050	0.050	06/17/2023	ND	2.36	118	2.00	4.62		
Total Xylenes*	<0.150	0.150	06/17/2023	ND	7.14	119	6.00	5.71		
Total BTEX	<0.300	0.300	06/17/2023	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	48.0	16.0	06/15/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	187	93.3	200	17.1	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	188	93.8	200	20.3	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 142 % 48.2-134

Surrogate: 1-Chlorooctadecane 149 % 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: 06/14/2023
 Reported: 06/20/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 06/14/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-395.0-01.0-P (H233062-03)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2023	ND	2.45	123	2.00	0.199		
Toluene*	<0.050	0.050	06/20/2023	ND	2.30	115	2.00	3.41		
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.36	118	2.00	4.62		
Total Xylenes*	<0.150	0.150	06/20/2023	ND	7.14	119	6.00	5.71		
Total BTEX	<0.300	0.300	06/20/2023	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	06/15/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	187	93.3	200	17.1	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	188	93.8	200	20.3	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 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: 06/14/2023
 Reported: 06/20/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 06/14/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-422.0-01.0-P (H233062-04)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2023	ND	2.18	109	2.00	0.812		
Toluene*	<0.050	0.050	06/17/2023	ND	2.15	107	2.00	1.33		
Ethylbenzene*	<0.050	0.050	06/17/2023	ND	2.18	109	2.00	0.528		
Total Xylenes*	<0.150	0.150	06/17/2023	ND	6.47	108	6.00	0.0481		
Total BTEX	<0.300	0.300	06/17/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/15/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	199	99.7	200	5.95	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	204	102	200	5.88	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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: 06/14/2023
 Reported: 06/20/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 06/14/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-427.0-01.0-P (H233062-05)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2023	ND	2.18	109	2.00	0.812		
Toluene*	<0.050	0.050	06/17/2023	ND	2.15	107	2.00	1.33		
Ethylbenzene*	<0.050	0.050	06/17/2023	ND	2.18	109	2.00	0.528		
Total Xylenes*	<0.150	0.150	06/17/2023	ND	6.47	108	6.00	0.0481		
Total BTEX	<0.300	0.300	06/17/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/15/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	199	99.7	200	5.95	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	204	102	200	5.88	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:	06/14/2023	Sampling Date:	06/14/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-430.0-01.0-P (H233062-06)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2023	ND	2.18	109	2.00	0.812		
Toluene*	<0.050	0.050	06/17/2023	ND	2.15	107	2.00	1.33		
Ethylbenzene*	<0.050	0.050	06/17/2023	ND	2.18	109	2.00	0.528		
Total Xylenes*	<0.150	0.150	06/17/2023	ND	6.47	108	6.00	0.0481		
Total BTEX	<0.300	0.300	06/17/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/15/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	199	99.7	200	5.95		
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	204	102	200	5.88		
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/14/2023	Sampling Date:	06/14/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CF-432.0-01.0-P (H233062-07)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/17/2023	ND	2.18	109	2.00	0.812		
Toluene*	<0.050	0.050	06/17/2023	ND	2.15	107	2.00	1.33		
Ethylbenzene*	<0.050	0.050	06/17/2023	ND	2.18	109	2.00	0.528		
Total Xylenes*	<0.150	0.150	06/17/2023	ND	6.47	108	6.00	0.0481		
Total BTEX	<0.300	0.300	06/17/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/15/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	199	99.7	200	5.95	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	204	102	200	5.88	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

Page 10 of 10



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

July 06, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SLWMS COLTRANE FRAC BOOSTER

Enclosed are the results of analyses for samples received by the laboratory on 06/30/23 16:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/30/2023	Sampling Date:	06/30/2023
Reported:	07/06/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: DH-001.0-01.0-S (H233396-01)

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	07/04/2023	ND	2.10	105	2.00	2.41		
Toluene*	<0.050	0.050	07/04/2023	ND	2.01	101	2.00	2.88		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.18	109	2.00	2.39		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.57	110	6.00	1.82		
Total BTEx	<0.300	0.300	07/04/2023	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	240	16.0	07/03/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	160	79.8	200	6.36	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	159	79.5	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/30/2023	Sampling Date:	06/30/2023
Reported:	07/06/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: DH-002.0-01.0-S (H233396-02)

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	07/04/2023	ND	2.10	105	2.00	2.41		
Toluene*	<0.050	0.050	07/04/2023	ND	2.01	101	2.00	2.88		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.18	109	2.00	2.39		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.57	110	6.00	1.82		
Total BTEX	<0.300	0.300	07/04/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	07/03/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/04/2023	ND	213	106	200	2.33		
DRO >C10-C28*	<10.0	10.0	07/04/2023	ND	206	103	200	7.74		
EXT DRO >C28-C36	<10.0	10.0	07/04/2023	ND						

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/30/2023	Sampling Date:	06/30/2023
Reported:	07/06/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: DH-003.0-01.0-S (H233396-03)

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	07/04/2023	ND	2.10	105	2.00	2.41		
Toluene*	<0.050	0.050	07/04/2023	ND	2.01	101	2.00	2.88		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.18	109	2.00	2.39		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.57	110	6.00	1.82		
Total BTEX	<0.300	0.300	07/04/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/03/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/04/2023	ND	213	106	200	2.33	
DRO >C10-C28*	<10.0	10.0	07/04/2023	ND	206	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/04/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/30/2023	Sampling Date:	06/30/2023
Reported:	07/06/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: DH-004.0-01.0-S (H233396-04)

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	07/04/2023	ND	2.10	105	2.00	2.41		
Toluene*	<0.050	0.050	07/04/2023	ND	2.01	101	2.00	2.88		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.18	109	2.00	2.39		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.57	110	6.00	1.82		
Total BTEX	<0.300	0.300	07/04/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/03/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/04/2023	ND	213	106	200	2.33	
DRO >C10-C28*	<10.0	10.0	07/04/2023	ND	206	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/04/2023	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 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: 06/30/2023
 Reported: 07/06/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 06/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DH-005.0-01.0-S (H233396-05)

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	07/04/2023	ND	2.10	105	2.00	2.41		
Toluene*	<0.050	0.050	07/04/2023	ND	2.01	101	2.00	2.88		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.18	109	2.00	2.39		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.57	110	6.00	1.82		
Total BTEX	<0.300	0.300	07/04/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	07/03/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/04/2023	ND	213	106	200	2.33	
DRO >C10-C28*	<10.0	10.0	07/04/2023	ND	206	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/04/2023	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 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:	06/30/2023	Sampling Date:	06/30/2023
Reported:	07/06/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: DH-006.0-01.0-S (H233396-06)

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	07/04/2023	ND	2.10	105	2.00	2.41		
Toluene*	<0.050	0.050	07/04/2023	ND	2.01	101	2.00	2.88		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.18	109	2.00	2.39		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.57	110	6.00	1.82		
Total BTX	<0.300	0.300	07/04/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/03/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/04/2023	ND	213	106	200	2.33	
DRO >C10-C28*	<10.0	10.0	07/04/2023	ND	206	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/04/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/30/2023	Sampling Date:	06/30/2023
Reported:	07/06/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: DH-007.0-01.0-S (H233396-07)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/04/2023	ND	2.10	105	2.00	2.41		
Toluene*	<0.050	0.050	07/04/2023	ND	2.01	101	2.00	2.88		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.18	109	2.00	2.39		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.57	110	6.00	1.82		
Total BTX	<0.300	0.300	07/04/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/03/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/04/2023	ND	213	106	200	2.33	
DRO >C10-C28*	<10.0	10.0	07/04/2023	ND	206	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/04/2023	ND					

Surrogate: 1-Chlorooctane 99.2 % 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: 06/30/2023
 Reported: 07/06/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 06/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DH-008.0-01.0-P (H233396-08)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/04/2023	ND	2.10	105	2.00	2.41		
Toluene*	<0.050	0.050	07/04/2023	ND	2.01	101	2.00	2.88		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.18	109	2.00	2.39		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.57	110	6.00	1.82		
Total BTX	<0.300	0.300	07/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	07/03/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/04/2023	ND	213	106	200	2.33	
DRO >C10-C28*	<10.0	10.0	07/04/2023	ND	206	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/04/2023	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	06/30/2023	Sampling Date:	06/30/2023
Reported:	07/06/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: DH-009.0-01.0-P (H233396-09)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/04/2023	ND	2.10	105	2.00	2.41	
Toluene*	<0.050	0.050	07/04/2023	ND	2.01	101	2.00	2.88	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.18	109	2.00	2.39	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.57	110	6.00	1.82	
Total BTX	<0.300	0.300	07/04/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/03/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/04/2023	ND	213	106	200	2.33	
DRO >C10-C28*	<10.0	10.0	07/04/2023	ND	206	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/04/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Analytical Results For:

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

Received:	06/30/2023	Sampling Date:	06/30/2023
Reported:	07/06/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: DH-010.0-01.0-P (H233396-10)

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	07/04/2023	ND	2.10	105	2.00	2.41		
Toluene*	<0.050	0.050	07/04/2023	ND	2.01	101	2.00	2.88		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.18	109	2.00	2.39		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.57	110	6.00	1.82		
Total BTEx	<0.300	0.300	07/04/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/03/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/04/2023	ND	213	106	200	2.33	
DRO >C10-C28*	<10.0	10.0	07/04/2023	ND	206	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/04/2023	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/30/2023	Sampling Date:	06/30/2023
Reported:	07/06/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: DH-011.0-01.0-P (H233396-11)

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	07/04/2023	ND	2.10	105	2.00	2.41		
Toluene*	<0.050	0.050	07/04/2023	ND	2.01	101	2.00	2.88		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.18	109	2.00	2.39		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.57	110	6.00	1.82		
Total BTEX	<0.300	0.300	07/04/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/03/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2023	ND	192	96.2	200	6.47	
DRO >C10-C28*	<10.0	10.0	07/05/2023	ND	192	96.0	200	6.78	
EXT DRO >C28-C36	<10.0	10.0	07/05/2023	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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Analytical Results For:

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

Received:	06/30/2023	Sampling Date:	06/30/2023
Reported:	07/06/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: DH-012.0-01.0-P (H233396-12)

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	07/04/2023	ND	2.10	105	2.00	2.41		
Toluene*	<0.050	0.050	07/04/2023	ND	2.01	101	2.00	2.88		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.18	109	2.00	2.39		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.57	110	6.00	1.82		
Total BTEx	<0.300	0.300	07/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	07/03/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2023	ND	192	96.2	200	6.47	
DRO >C10-C28*	<10.0	10.0	07/05/2023	ND	192	96.0	200	6.78	
EXT DRO >C28-C36	<10.0	10.0	07/05/2023	ND					

Surrogate: 1-Chlorooctane 101 % 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: 06/30/2023
 Reported: 07/06/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 06/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DH-013.0-01.0-P (H233396-13)

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	07/05/2023	ND	2.19	109	2.00	2.39	
Toluene*	<0.050	0.050	07/05/2023	ND	2.15	108	2.00	3.51	
Ethylbenzene*	<0.050	0.050	07/05/2023	ND	2.03	102	2.00	4.23	
Total Xylenes*	<0.150	0.150	07/05/2023	ND	6.31	105	6.00	3.31	
Total BTEX	<0.300	0.300	07/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/03/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2023	ND	192	96.2	200	6.47	
DRO >C10-C28*	<10.0	10.0	07/05/2023	ND	192	96.0	200	6.78	
EXT DRO >C28-C36	<10.0	10.0	07/05/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received: 06/30/2023
 Reported: 07/06/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 06/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DV-001.0-02.0-P (H233396-14)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2023	ND	2.19	109	2.00	2.39		
Toluene*	<0.050	0.050	07/05/2023	ND	2.15	108	2.00	3.51		
Ethylbenzene*	<0.050	0.050	07/05/2023	ND	2.03	102	2.00	4.23		
Total Xylenes*	<0.150	0.150	07/05/2023	ND	6.31	105	6.00	3.31		
Total BTEX	<0.300	0.300	07/05/2023	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	144	16.0	07/03/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2023	ND	192	96.2	200	6.47	
DRO >C10-C28*	<10.0	10.0	07/05/2023	ND	192	96.0	200	6.78	
EXT DRO >C28-C36	<10.0	10.0	07/05/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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:	06/30/2023	Sampling Date:	06/30/2023
Reported:	07/06/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: DV-002.0-02.0-P (H233396-15)

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	07/05/2023	ND	2.19	109	2.00	2.39		
Toluene*	<0.050	0.050	07/05/2023	ND	2.15	108	2.00	3.51		
Ethylbenzene*	<0.050	0.050	07/05/2023	ND	2.03	102	2.00	4.23		
Total Xylenes*	<0.150	0.150	07/05/2023	ND	6.31	105	6.00	3.31		
Total BTEx	<0.300	0.300	07/05/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/03/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2023	ND	192	96.2	200	6.47	
DRO >C10-C28*	<10.0	10.0	07/05/2023	ND	192	96.0	200	6.78	
EXT DRO >C28-C36	<10.0	10.0	07/05/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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: 06/30/2023
 Reported: 07/06/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 06/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DV-003.0-02.0-P (H233396-16)

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	07/05/2023	ND	2.19	109	2.00	2.39	
Toluene*	<0.050	0.050	07/05/2023	ND	2.15	108	2.00	3.51	
Ethylbenzene*	<0.050	0.050	07/05/2023	ND	2.03	102	2.00	4.23	
Total Xylenes*	<0.150	0.150	07/05/2023	ND	6.31	105	6.00	3.31	
Total BTEX	<0.300	0.300	07/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/03/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2023	ND	192	96.2	200	6.47	
DRO >C10-C28*	<10.0	10.0	07/05/2023	ND	192	96.0	200	6.78	
EXT DRO >C28-C36	<10.0	10.0	07/05/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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: 06/30/2023
 Reported: 07/06/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 06/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DV-004.0-02.0-S (H233396-17)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/05/2023	ND	2.19	109	2.00	2.39	
Toluene*	<0.050	0.050	07/05/2023	ND	2.15	108	2.00	3.51	
Ethylbenzene*	<0.050	0.050	07/05/2023	ND	2.03	102	2.00	4.23	
Total Xylenes*	<0.150	0.150	07/05/2023	ND	6.31	105	6.00	3.31	
Total BTEX	<0.300	0.300	07/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/03/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2023	ND	192	96.2	200	6.47	
DRO >C10-C28*	<10.0	10.0	07/05/2023	ND	192	96.0	200	6.78	
EXT DRO >C28-C36	<10.0	10.0	07/05/2023	ND					

Surrogate: 1-Chlorooctane 100 % 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: 06/30/2023
 Reported: 07/06/2023
 Project Name: SLWMS COLTRANE FRAC BOOSTER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY COUNTY, NM

Sampling Date: 06/30/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DV-005.0-02.0-S (H233396-18)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/04/2023	ND	2.04	102	2.00	2.08	
Toluene*	<0.050	0.050	07/04/2023	ND	2.17	108	2.00	2.19	QR-03
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.30	115	2.00	3.61	QM-07, QR-03
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.85	114	6.00	3.70	QR-03
Total BTEX	<0.300	0.300	07/04/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/03/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/05/2023	ND	192	96.2	200	6.47		
DRO >C10-C28*	<10.0	10.0	07/05/2023	ND	192	96.0	200	6.78		
EXT DRO >C28-C36	<10.0	10.0	07/05/2023	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 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:	06/30/2023	Sampling Date:	06/30/2023
Reported:	07/06/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: DV-006.0-02.0-S (H233396-19)

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	07/04/2023	ND	2.04	102	2.00	2.08		
Toluene*	<0.050	0.050	07/04/2023	ND	2.17	108	2.00	2.19		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.30	115	2.00	3.61		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.85	114	6.00	3.70		
Total BTEX	<0.300	0.300	07/04/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	07/03/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2023	ND	192	96.2	200	6.47	
DRO >C10-C28*	<10.0	10.0	07/05/2023	ND	192	96.0	200	6.78	
EXT DRO >C28-C36	<10.0	10.0	07/05/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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:	06/30/2023	Sampling Date:	06/30/2023
Reported:	07/06/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: DV-007.0-02.0-S (H233396-20)

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	07/04/2023	ND	2.04	102	2.00	2.08		
Toluene*	<0.050	0.050	07/04/2023	ND	2.17	108	2.00	2.19		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.30	115	2.00	3.61		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.85	114	6.00	3.70		
Total BTEX	<0.300	0.300	07/04/2023	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	192	16.0	07/03/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2023	ND	192	96.2	200	6.47	
DRO >C10-C28*	<10.0	10.0	07/05/2023	ND	192	96.0	200	6.78	
EXT DRO >C28-C36	<10.0	10.0	07/05/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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:	06/30/2023	Sampling Date:	06/30/2023
Reported:	07/06/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: DV-008.0-02.0-S (H233396-21)

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	07/04/2023	ND	2.04	102	2.00	2.08		
Toluene*	<0.050	0.050	07/04/2023	ND	2.17	108	2.00	2.19		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.30	115	2.00	3.61		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.85	114	6.00	3.70		
Total BTEX	<0.300	0.300	07/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	07/03/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2023	ND	192	96.2	200	6.47	
DRO >C10-C28*	<10.0	10.0	07/05/2023	ND	192	96.0	200	6.78	
EXT DRO >C28-C36	<10.0	10.0	07/05/2023	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 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:	06/30/2023	Sampling Date:	06/30/2023
Reported:	07/06/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: DV-009.0-02.0-S (H233396-22)

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	07/04/2023	ND	2.04	102	2.00	2.08		
Toluene*	<0.050	0.050	07/04/2023	ND	2.17	108	2.00	2.19		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.30	115	2.00	3.61		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.85	114	6.00	3.70		
Total BTEX	<0.300	0.300	07/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	128	16.0	07/03/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2023	ND	192	96.2	200	6.47	
DRO >C10-C28*	<10.0	10.0	07/05/2023	ND	192	96.0	200	6.78	
EXT DRO >C28-C36	<10.0	10.0	07/05/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 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:	06/30/2023	Sampling Date:	06/30/2023
Reported:	07/06/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: DV-010.0-02.0-S (H233396-23)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/04/2023	ND	2.04	102	2.00	2.08		
Toluene*	<0.050	0.050	07/04/2023	ND	2.17	108	2.00	2.19		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.30	115	2.00	3.61		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.85	114	6.00	3.70		
Total BTEX	<0.300	0.300	07/04/2023	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	128	16.0	07/03/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2023	ND	192	96.2	200	6.47	
DRO >C10-C28*	<10.0	10.0	07/05/2023	ND	192	96.0	200	6.78	
EXT DRO >C28-C36	<10.0	10.0	07/05/2023	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 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:	06/30/2023	Sampling Date:	06/30/2023
Reported:	07/06/2023	Sampling Type:	Soil
Project Name:	SLWMS COLTRANE FRAC BOOSTER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY, NM		

Sample ID: CW-003.0-00.5-P (H233396-24)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/04/2023	ND	2.04	102	2.00	2.08	
Toluene*	<0.050	0.050	07/04/2023	ND	2.17	108	2.00	2.19	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.30	115	2.00	3.61	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.85	114	6.00	3.70	
Total BTEX	<0.300	0.300	07/04/2023	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	144	16.0	07/03/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2023	ND	192	96.2	200	6.47	
DRO >C10-C28*	<10.0	10.0	07/05/2023	ND	192	96.0	200	6.78	
EXT DRO >C28-C36	<10.0	10.0	07/05/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

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

QUESTIONS

Action 377014

QUESTIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID:	14744
	Action Number:	377014
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2217964415
Incident Name	NAPP2217964415 SLWMS - COLTRANE FRAC BOOSTER @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2125632541] BIG SINKS 1/12 W1BO FED COM #1H BATTERY

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SLWMS - COLTRANE FRAC BOOSTER
Date Release Discovered	06/14/2022
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 779 BBL Recovered: 360 BBL Lost: 419 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 377014

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 377014
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 08/23/2024
--	---

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QUESTIONS, Page 3

Action 377014

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID:
	14744
	Action Number:
	377014
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS**Site Characterization**

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

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

Remediation Plan

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

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

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

Chloride (EPA 300.0 or SM4500 Cl B)	25200
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	12900
GRO+DRO (EPA SW-846 Method 8015M)	12900
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0.5

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

On what estimated date will the remediation commence	05/01/2023
On what date will (or did) the final sampling or liner inspection occur	05/01/2023
On what date will (or was) the remediation complete(d)	06/30/2023
What is the estimated surface area (in square feet) that will be reclaimed	86800
What is the estimated volume (in cubic yards) that will be reclaimed	6429
What is the estimated surface area (in square feet) that will be remediated	86800
What is the estimated volume (in cubic yards) that will be remediated	6429

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

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

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QUESTIONS, Page 4

Action 377014

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID:	14744
	Action Number:	377014
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Remediation Plan (continued)**

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	OWL LANDFILL JAL [fJEG1635837366]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 08/23/2024
--	---

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

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QUESTIONS, Page 5

Action 377014

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 377014
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 377014

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID:
	14744
	Action Number:
	377014
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	377019
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/30/2023
What was the (estimated) number of samples that were to be gathered	460
What was the sampling surface area in square feet	868000

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	86800
What was the total volume (cubic yards) remediated	1265
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	86800
What was the total volume (in cubic yards) reclaimed	6429
Summarize any additional remediation activities not included by answers (above)	Please see attached closure report for a summary of remediation activities.

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

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

I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 08/23/2024
--	---

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QUESTIONS, Page 7

Action 377014

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 377014
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 377014

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID:
	14744
	Action Number:
	377014
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	8/28/2024