

Incident ID	NAPP2124627967
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	155 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	NAPP2124627967
District RP	
Facility ID	
Application ID	

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

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

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

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

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

Incident ID	NAPP2124627967
District RP	
Facility ID	
Application ID	

## Remediation Plan

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

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

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

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

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

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

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

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

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

- Approved
  Approved with Attached Conditions of Approval
  Denied
  Deferral Approved

Signature: Jennifer Nobui Date: 05/23/2022

State of New Mexico  
Oil Conservation Division

Page 6

Incident ID	NAPP2124627967
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: \_\_\_\_\_ Title: \_\_\_\_\_

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

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**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: \_\_\_\_\_

# Trinity Oilfield Services & Rentals, LLC



May 2, 2022

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

Re: **Closure Request**  
**Paduca 7/6 W1ED Fed Com # 2H**  
**Tracking #: NAPP2124627967**

Trinity Oilfield Services (Trinity), on behalf of Mewbourne Oil Co. (Mewbourne), 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	NAPP2124627967
Site Name	Paduca 7/6 W1ED Fed Com # 2H
Company	Mewbourne Oil Co.
County	Eddy County, NM
ULSTR	Unit Ltr. E, Sect. 7, T26S, R32E
GPS Coordinates (NAD 83)	32.058006, -103.72123
Landowner	Federal

## RELEASE BACKGROUND

On 08/30/2021, Mewbourne reported a release at the Paduca 7/6 W1ED Fed Com # 2H. The release was caused when a check valve failed in a water transfer line, allowing water to backflow into two storage tanks that subsequently overflowed, filling the containment and overflowing onto the pad. Approximately 3,060 bbls of produced water was recovered from the containment and an additional 240 bbls were recovered on the pad outside the containment. A total of 3,300 bbls of produced water was recovered. Approximately 17,500 ft<sup>2</sup> of the pad was affected. Berms prevented the release from flowing to the pasture

Release Information	
Date of Release	08/30/2021
Type of Release	Produced Water
Source of Release	Equipment Failure
Volume Released – Produced Water	Approximately 3,325 bbls
Volume Recovered – Produced Water	Approximately 3,300 bbls
Affected Area – Damp Soil	Production Pad - Approximately 17,500 sq. ft.
Site Location Map	Figure 1

## SITE CHARACTERIZATION AND CLOSURE CRITERIA

### Depth to Groundwater/Wellhead Protection:

Data Source	Well Number	Data Date	Depth (ft.)
NMOSE	C 02090	12/31/1965	335
NMOSE	C 04209 POD 1	05/21/2018	155
USGS	NA	NA	NA

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

#### General Site Characterization:

Site Assessment	
Karst Potential	Medium
Distance to Watercourse	> 1000 ft
Pasture Impact	No

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

#### Closure Criteria:

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

### INITIAL ASSESMENT AND REMEDIATION ACTIVITES

#### Initial Sample Activities:

Delineation Summary	
Delineation Dates	11/12/2021 – 1/20/2022
Sample Locations	SD-1 – SD-3
Total Initial Samples	12
Depths Sampled	4' - 10' bgs.
Delineation Map	Figure 2
Laboratory Results	Table 1

A total of three (3) delineation sample points (SD-1 through SD-3) on the pad were investigated to depths ranging between 4 ft and 10 ft bgs using a hand auger or backhoe. A total of Twenty-One (21) samples were collected for laboratory analysis during the initial delineation of the site.

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

**Confirmation Activities:**

<b>Remediation Summary</b>	
Remediation Dates	03/09/2022 – 03/22/2022
Confirmation Sample Notification	email on 3/1/2022
Liner Variance Request	None
Deferral Request – Faculty Deconstruction	DF-1 – DF-5
Depths Excavated	4' – 5'
Area Represented by the required 5-point Confirmation Samples – Floors and Walls	200 sqFt
Total Volume of Excavated Soil	940 yds
Remediation Map	Figure 3
Laboratory Results	Table 1

Impacted soil within the release margins were excavated and temporarily stockpiled on-site on a 6-mil plastic sheeting, pending final disposition. The floors of the excavated area were advanced until laboratory analytical results from confirmation soil samples indicate Chloride, Benzene, BTEX, and TPH concentrations are below the NMOCD Closure Criteria listed in the Table above, and all walls were advanced to meet reclamation standard. Confirmation soil samples (five-point composites representing no more than 200 ft<sup>2</sup> of the excavated area) were collected from the floor and sidewalls.

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

**SITE RECLAMATION AND RESTORATION**

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

**REQUEST FOR CLOSURE**

<b>Supporting Documentation</b>	
Initial C-141 with Spill Calculations	Signed and Attached
C-141, page 3 - 6	Signed and Attached
Depth to Groundwater Maps and Source	Attached
Site Location, Delineation, & Remediation Maps	Attached
US NWI Map	Attached
FEMA Flood Hazard Map	Attached
USDA Soil Survey	Attached
Site Photography	Attached
Laboratory Analytics with COCs	Attached

Based upon the laboratory results and remediation activities performed, Trinity Oilfield Services respectfully requests that the New Mexico Oil Conservation Division grant approval for Closure of the referenced release.

Sincerely,

Dan Dunkelberg  
Project Manager

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

MEWBOURNE OIL COMPANY  
PADUCA 7-6 W1ED 2H  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE #: NAPP2124627967



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M					SM4500Cl-B
					BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/Kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/Kg)	GRO+ DRO (mg/kg)	MRO C <sub>28</sub> -C <sub>36</sub> (mg/Kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/Kg)	CHLORIDE (mg/Kg)
<b>NMOCD Closure Limits</b>					10	NE	NE	NE	NE	NE	50	NE	NE	1,000	NE	2,500	20,000
<b>Vertical Delineation</b>																	
SD-1 Vertical @ 4'	4'	11/12/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	619	<b>619</b>	152	<b>771</b>	<b>1,410</b>
SD-1 Vertical @ 6'	6'	1/20/2022	Grab	In-Situ	<0.050	0.292	0.314	-	-	5.35	5.96	127	1360	<10.0	185	<b>1672</b>	<b>976</b>
SD-1 Vertical @ 8'	8'	1/20/2022	Grab	In-Situ	<0.050	1.99	0.765	-	-	14.9	17.7	294	1960	<10.0	263	<b>2517</b>	<b>1,410</b>
SD-1 Vertical @ 10'	10'	11/12/2021	Grab	In-Situ	-	-	-	-	-	-	-	-	-	-	-	-	64
SD-2 Vertical @ 4'	4'	11/12/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	-	1.50	102	2,090	<b>2192</b>	319	<b>2511</b>	<b>1,020</b>
SD-2 Vertical @ 6'	6'	1/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<b>960</b>
SD-2 Vertical @ 8'	8'	1/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.300	<10.0	225	<10.0	28.3	<b>253.3</b>	384	
SD-2 Vertical @ 10'	10'	11/12/2021	Grab	In-Situ	-	-	-	-	-	-	-	-	-	-	-	-	32
SD-3 Vertical @ 4'	4'	11/12/2021	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	-	2.75	205	3,020	<b>3225</b>	446	<b>3671</b>	208
SD-3 Vertical @ 6'	6'	1/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<b>1,120</b>
SD-3 Vertical @ 8'	8'	1/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.300	<10.0	123	<10.0	11.6	<b>134.6</b>	480	
SD-3 Vertical @ 10'	10'	11/12/2021	Grab	In-Situ	-	-	-	-	-	-	-	-	-	-	-	-	64
<b>Horizontal Delineation</b>																	
SD-1 N @ 2'	2'	1/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	-	<0.300	<10.0	11.1	<10.0	<10.0	11.1	128
SD-1 S @ 2'	2'	1/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>640</b>
SD-1 E @ 2'	2'	1/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SD-1 NE @ 2'	2'	1/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SD-2 N @ 2'	2'	1/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SD-2 S @ 2'	2'	1/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
SD-3 N @ 2'	2'	1/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SD-3 S @ 2'	2'	1/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
SD-3 W @ 2'	2'	1/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
<b>Remediation Floors</b>																	
SR - 1 @ 5'	5'	3/9/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	956	956	190	1,146	2160
SR - 2 @ 5'	5'	3/9/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
SR - 3 @ 5'	5'	3/9/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	241	241	43.5	285	3080
SR - 4 @ 5'	5'	3/9/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	752	752	189	941	16800
SR - 5 @ 5'	5'	3/9/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	303	303	43.2	346	8000
SR - 6 @ 5'	5'	3/9/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	713	713	93.9	807	1120
SR - 7 @ 5'	5'	3/9/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	249	249	15	264	4400
SR - 8 @ 5'	5'	3/9/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	10.8	1510	<b>1,521</b>	286	1,807	2600
SR - 8 @ 6'	6'	3/18/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	41.4	41.4	36.8	78	656
SR - 9 @ 5'	5'	3/9/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	476	476	51.6	528	1280
SR - 10 @ 5'	5'	3/9/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	392	392	51	443	2800
SR - 11 @ 5'	5'	3/16/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	123	123	20.0	143	3840
SR - 12 @ 5'	5'	3/16/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	36.1	36.1	<10.0	36.1	624
SR - 13 @ 5'	5'	3/16/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	794	794	87.8	881.8	1410
SR - 14 @ 5'	5'	3/16/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	78.3	78.3	17.7	96	2600
SR - 15 @ 5'	5'	3/16/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	54.0	54.0	10.4	64.4	2720
SR - 16 @ 5'	5'	3/16/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	61.9	61.9	<10.0	61.9	1380
SR - 17 @ 5'	5'	3/16/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	112	112	17.6	129.6	768
SR - 18 @ 5'	5'	3/16/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	202	202	41.4	243.4	880
SR - 19 @ 5'	5'	3/16/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	172	172	27.3	199.3	1220
SR - 20 @ 5'	5'	3/16/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	82.9	82.9	15.6	98.5	1460
SR - 21 @ 5'	5'	3/16/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	123	123	25.2	148.2	1180

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

MEWBOURNE OIL COMPANY  
PADUCA 7-6 W1ED 2H  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE #: NAPP2124627967



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M					SM4500Cl-B
					BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/Kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/Kg)	GRO+DRO (mg/kg)	MRO C <sub>28</sub> -C <sub>36</sub> (mg/Kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/Kg)	CHLORIDE (mg/Kg)
<b>NMOCD Closure Limits</b>					10	NE	NE	NE	NE	NE	50	NE	NE	1,000	NE	2,500	20,000
SR - 22 @ 5'	5'	3/16/2022	Composite	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	396	396	65.2	461.2	1040
SR - 23 @ 5'	5'	3/16/2022	Composite	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	30.8	30.8	11.4	42.2	272
SR - 24 @ 5'	5'	3/16/2022	Composite	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	263	263	43.1	306.1	1020
SR - 25 @ 4'	4'	3/23/2022	Composite	In-Situ	<0.050	0.094	0.130			2.71	2.93	125	1240	<b>1365</b>	116	1,481	2000
SR - 25 @ 5'	5'	3/25/2022	Composite	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	110	110	24.1	134.1	464
SR - 26 @ 4'	4'	3/23/2022	Composite	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	87.5	87.5	15.4	103	3600
SR - 27 @ 4'	4'	3/22/2022	Composite	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	47.6	47.6	14.0	62	4000
SR - 28 @ 5'	5'	3/22/2022	Composite	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3600
SR - 29 @ 5'	5'	3/22/2022	Composite	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
SR - 30 @ 5'	5'	3/22/2022	Composite	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	11.6	11.6	<10.0	11.6	224
SR - 31 @ 5'	5'	3/22/2022	Composite	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	157	157	26.1	183	1090
SR - 32 @ 5'	5'	3/22/2022	Composite	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	88.3	88.3	21.6	110	480
<b>Remediation Walls</b>																	
CW - 1 S @ 2'	2'	3/18/2022	Composite	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
SRW - 2 N @ 3'	3'	3/22/2022	Composite	In-Situ	<0.050	0.069	<0.050			<0.150	<0.300	<10.0	20.4	20.4	<10.0	20.4	320
CW - 3 S @ 3'	3'	3/18/2022	Composite	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	38.6	38.6	<10.0	38.6	320
CW - 4 S @ 3'	3'	3/18/2022	Composite	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
SRW - 4 S @ 3'	3'	3/16/2022	Composite	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SRW - 5 N @ 3'	3'	3/16/2022	Composite	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SRW - 6 N @ 3'	3'	4/26/2022	Composite	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
<b>Deferral</b>																	
DF - 1 VERTICAL @ 1'	1'	3/18/2022	Grab	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	14.8	14.8	<10.0	<10.0	1310
DF - 1 VERTICAL @ 2'	2'	3/18/2022	Grab	In-Situ	<0.050	<0.050	<0.050			0.408	0.408	<10.0	299	299	38.9	338	1550
DF - 1 VERTICAL @ 3'	3'	3/18/2022	Grab	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	11.2	11.2	<10.0	11.2	1180
DF - 1 VERTICAL @ 4'	4'	3/18/2022	Grab	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	704
DF - 1 VERTICAL @ 5'	5'	3/18/2022	Grab	In-Situ	<0.050	<0.050	<0.050			0.494	0.494	<10.0	511	511	109	620	2360
DF - 2 VERTICAL @ 1	1'	3/18/2022	Grab	In-Situ	<0.200	7.82	4.01			67.9	<b>79.7</b>	1850	7130	<b>8,980</b>	790	<b>9,770</b>	4320
DF - 2 VERTICAL @ 2	2'	3/18/2022	Grab	In-Situ	<0.500	7.89	4.21			69.8	<b>81.9</b>	1970	6920	<b>8,890</b>	757	<b>9,647</b>	5520
DF - 2 VERTICAL @ 3	3'	3/18/2022	Grab	In-Situ	<0.200	9.1	4.97			71.8	<b>85.9</b>	2400	8380	<b>10,780</b>	923	<b>11,703</b>	7600
DF - 2 VERTICAL @ 4	4'	3/18/2022	Grab	In-Situ	<0.500	10.5	4.77			83.1	<b>98.4</b>	2230	7600	<b>9,830</b>	826	<b>10,656</b>	8130
DF - 2 VERTICAL @ 5	5'	3/18/2022	Grab	In-Situ	<0.050	0.806	0.353			6.97	8.13	87.4	2950	<b>3,037</b>	616	<b>3,653</b>	12000
DF - 3 VERTICAL @ 1	1'	3/18/2022	Grab	In-Situ	<0.200	6.31	3.34			56.4	<b>66</b>	2080	9300	<b>11,380</b>	1000	<b>12,380</b>	6260
DF - 3 VERTICAL @ 2	2'	3/18/2022	Grab	In-Situ	<0.200	12.5	5.48			79.2	<b>97.1</b>	2050	6660	<b>8,710</b>	690	<b>9,400</b>	10800
DF - 3 VERTICAL @ 3	3'	3/18/2022	Grab	In-Situ	<0.200	0.598	0.62			12.5	13.7	808	4100	<b>4,908</b>	400	<b>5,308</b>	7730
DF - 3 VERTICAL @ 4	4'	3/18/2022	Grab	In-Situ	<0.050	0.084	0.113			2.16	2.36	94.4	857	951	102	1,053	2640
DF - 3 VERTICAL @ 5	5'	3/18/2022	Grab	In-Situ	<0.050	0.178	0.171			3.96	4.3	187	2450	<b>2,637</b>	343	<b>2,980</b>	7600
DF - 4 VERTICAL @ 1	1'	3/18/2022	Grab	In-Situ	<0.200	5.95	3.49			56.3	<b>65.7</b>	1810	4780	<b>6,590</b>	524	<b>7,114</b>	13900
DF - 4 VERTICAL @ 2	2'	3/18/2022	Grab	In-Situ	<0.050	0.747	0.743			12.4	13.9	671	2710	<b>3,381</b>	311	<b>3,692</b>	9600
DF - 4 VERTICAL @ 3	3'	3/18/2022	Grab	In-Situ	0.086	2.85	0.672			12.4	16	366	18900	<b>19,266</b>	2830	<b>22,096</b>	19400
DF - 4 VERTICAL @ 4	4'	3/18/2022	Grab	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	106	106	11.4	117	640
DF - 4 VERTICAL @ 5	5'	3/18/2022	Grab	In-Situ	<0.050	<0.050	<0.050			<0.150	<0.300	<10.0	88.9	88.9	16.6	106	4480
DF - 5 VERTICAL @ 1	1'	3/18/2022	Grab	In-Situ	<0.200	11.7	4.52			90.5	<b>107</b>	3560	6840	<b>10,400</b>	694	<b>11,094</b>	5840
DF - 5 VERTICAL @ 2	2'	3/18/2022	Grab	In-Situ	<0.050	<0.050	<0.050			0.245	<0.300	12.7	293	306	56	362	1040
DF - 5 VERTICAL @ 3	3'	3/18/2022	Grab	In-Situ	<0.200	6.64	2.89			67.3	<b>76.9</b>	2870	6360	<b>9,230</b>	632	<b>9,862</b>	6240
DF - 5 VERTICAL @ 4	4'	3/18/2022	Grab	In-Situ	<0.050	<0.050	<0.050			0.272	<0.300	13	265	278	68.4	346	560
DF - 5 VERTICAL @ 5	5'	3/18/2022	Grab	In-Situ	<0.200	2.85	1.1			19.1	23.1	507	5550	<b>6,057</b>	1010	<b>7,067</b>	3080

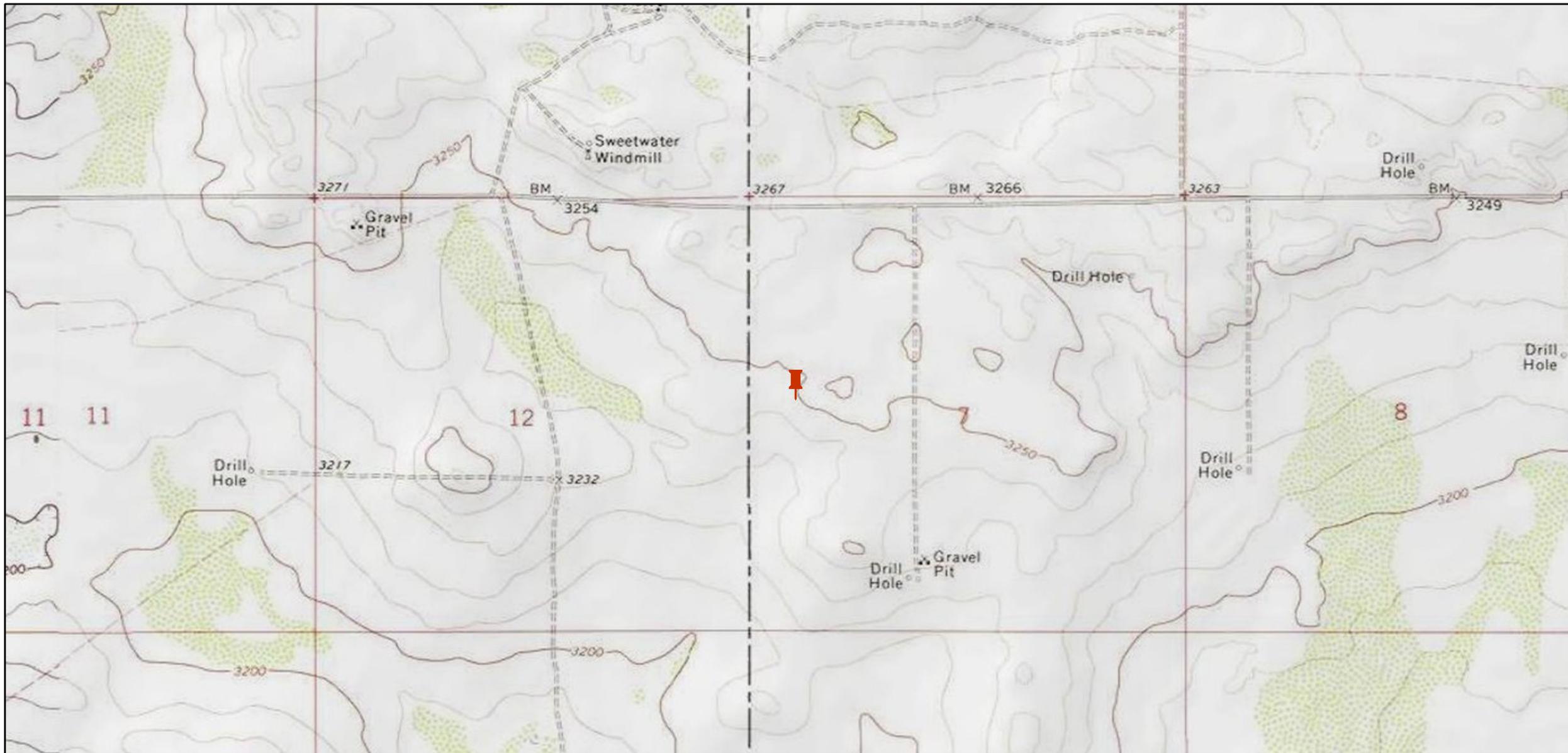
TABLE 1  
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

MEWBOURNE OIL COMPANY  
PADUCA 7-6 W1ED 2H  
LEA COUNTY, NEW MEXICO  
NMOCD REFERENCE #: NAPP2124627967



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M				SM4500Cl-B	
					BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/Kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/Kg)	GRO+ DRO (mg/kg)	MRO C <sub>28</sub> -C <sub>36</sub> (mg/Kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Closure Limits					10	NE	NE	NE	NE	NE	50	NE	NE	1,000	NE	2,500	20,000

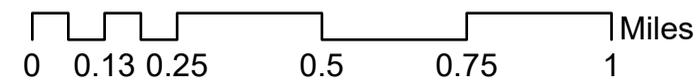
Concentrations in **BOLD** exceed the NMOCD Closure Limit

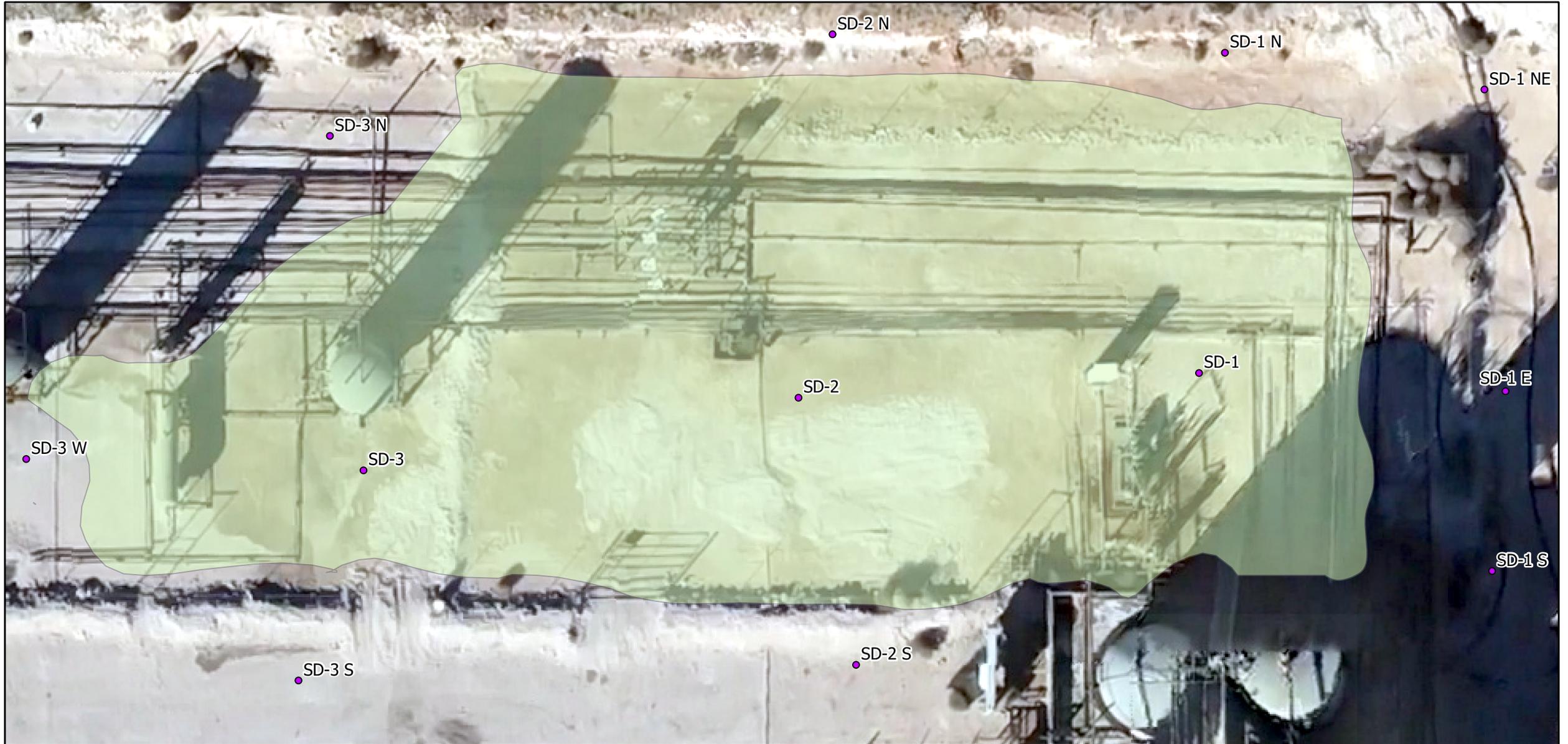


**Legend:**

 Site Location

**Figure 1**  
**Site Location Map**  
**Paduca 7/6 W1ED Fed Com #2H Battery**  
**Mewbourne Oil Co.**  
**Lea County, New Mexico**  
**EMNRD Incident ID: NAPP2124627967**





**Legend:**

- Delineation
- Initial Release

**Figure 2**  
**Delineation Map**  
**Paduca 7/6 W1ED Fed Com #2H Battery**  
**Mewbourne Oil Co.**  
**Lea County, New Mexico**  
**EMNRD Incident ID: NAPP2124627967**

0 5 10 20 30 40 Feet

  
 TRINITY  
 OILFIELD SERVICES

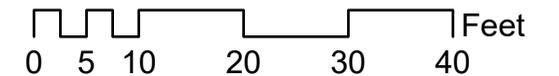
  
 N  
 E  
 S  
 W



**Legend:**

- Remediation Floors
- Remediation Walls
- Deferral Sample
- Deferral Area
- Excavation

**Figure 3**  
**Remediation Map**  
**Paduca 7/6 W1ED Fed Com #2H Battery**  
**Mewbourne Oil Co.**  
**Lea County, New Mexico**  
**EMNRD Incident ID: NAPP2124627967**

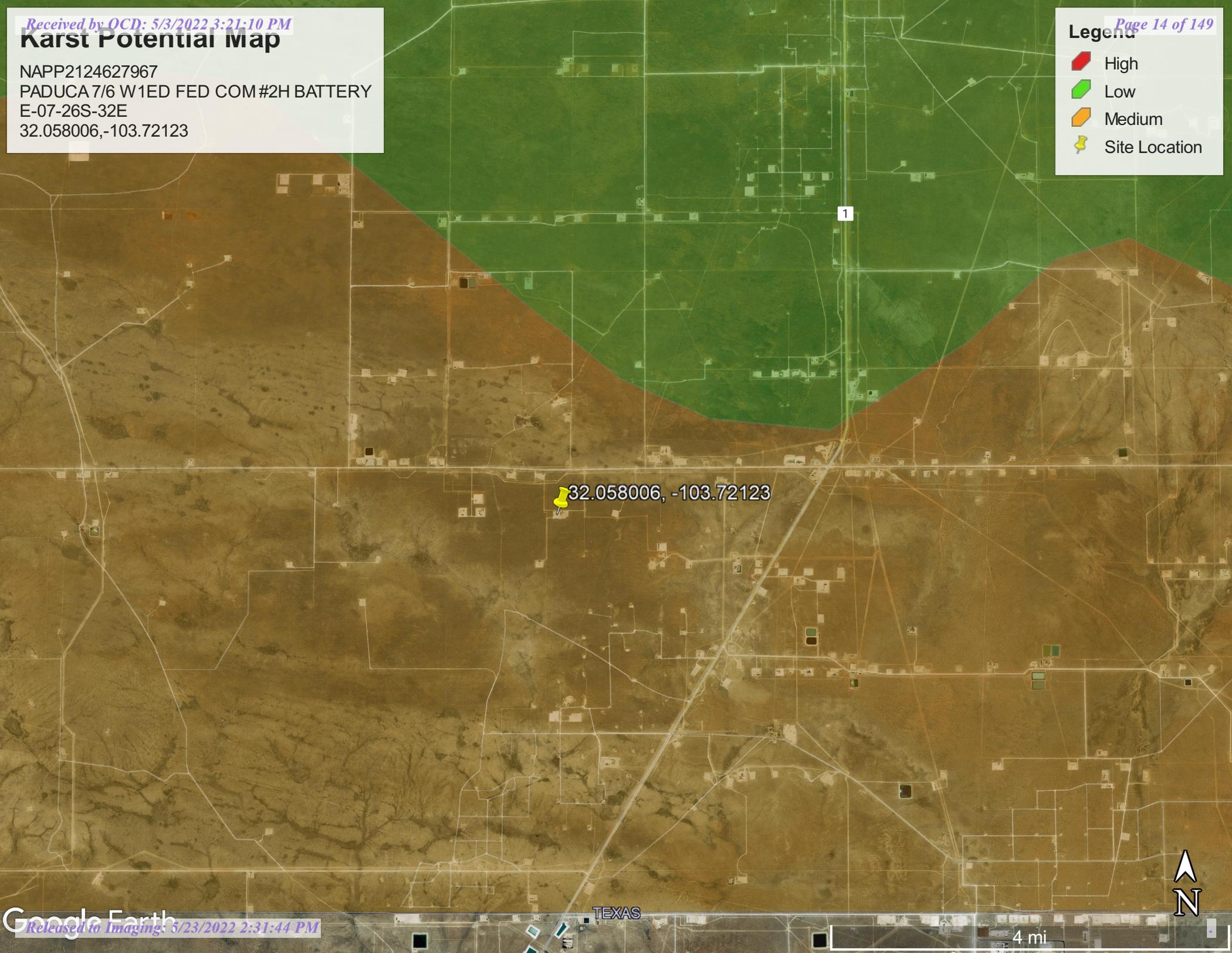


# Karst Potential Map

NAPP2124627967  
PADUCA 7/6 W1ED FED COM #2H BATTERY  
E-07-26S-32E  
32.058006,-103.72123

**Legend**

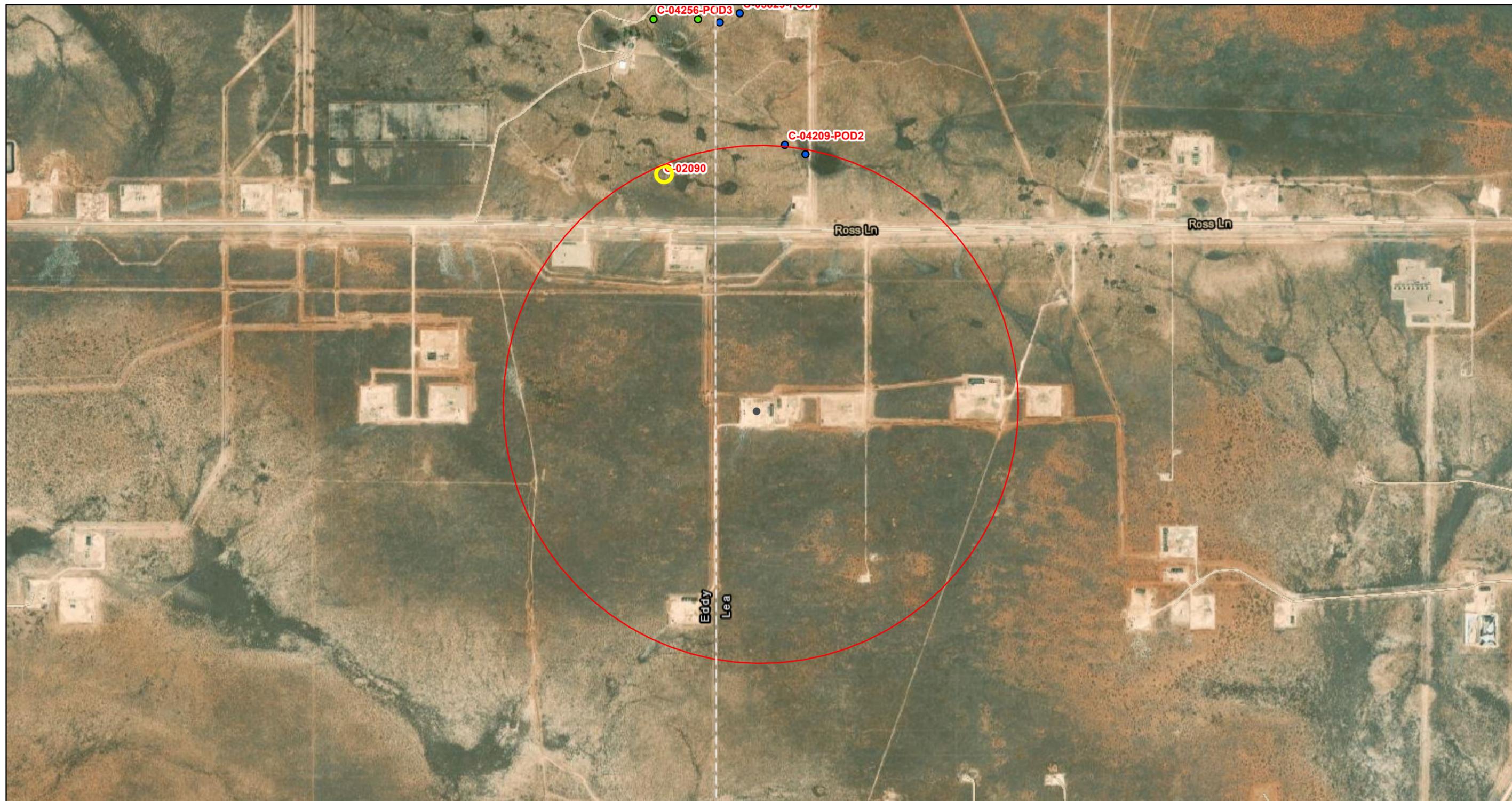
-  High
-  Low
-  Medium
-  Site Location



32.058006, -103.72123



# NAPP2124627967 | PADUCA 7/6 W1ED FED COM #2H BATTERY

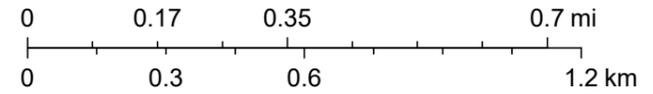


4/13/2022, 8:16:15 AM

GIS WATERS PODs

- Active
- Pending
- OSE District Boundary

1:18,056



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community



# New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

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

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column	
<a href="#">C 02090</a>	C	ED		4	4	01	26S	31E	620329	3548533*		1023	350	335	15	
<a href="#">C 04209 POD1</a>	CUB	LE		2	3	3	06	26S	32E	620903	3548619		1055	360	155	205
<a href="#">C 04209 POD2</a>	C	LE		2	3	3	06	26S	32E	620818	3548657		1080	340	155	185

Average Depth to Water: **215 feet**  
Minimum Depth: **155 feet**  
Maximum Depth: **335 feet**

**Record Count:** 3

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 620709.12

**Northing (Y):** 3547582.68

**Radius:** 1100

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

STATE ENGINEER OFFICE  
ROSWELL, NEW MEXICO

2018 MAY 21 AM 10:46

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C-4209-POD1		WELL TAG ID NO.		OSE FILE NO(S)		
	WELL OWNER NAME(S) Baker Ranch				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS P.O. Box 24				CITY Silver City	STATE NM	ZIP 88062
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 04	SECONDS 02.5	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
	LONGITUDE 103	43	08.8	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE							

2. DRILLING & CASING INFORMATION	LICENSE NO. WD1706	NAME OF LICENSED DRILLER Bryce Wallace			NAME OF WELL DRILLING COMPANY Elite Drillers Corporation			
	DRILLING STARTED 4/28/18	DRILLING ENDED 5/1/18	DEPTH OF COMPLETED WELL (FT) 360	BORE HOLE DEPTH (FT) 360	DEPTH WATER FIRST ENCOUNTERED (FT) 155			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 155			
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	+2	200	11	PVC	Spline	6	SDR 21	
	200	360	11	PVC	Spline	6	SDR 21	.032

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	25	11	Portland I/II	25	Slurry/Pour
	25	360	11	8/16 Silica Sand	145	Pour

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/30/17)			
FILE NO.	C-4209	POD NO.	1	TRN NO.	621334
LOCATION	20S.32E.6.33.2	EXPL	WELL TAG ID NO.	N/A	PAGE 1 OF 2



# National Flood Hazard Layer FIRMette



103°43'35"W 32°3'44"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: 20.2, 17.5
  - Coastal Transect
  - Base Flood Elevation Line (BFE)
  - Limit of Study
  - Jurisdiction Boundary
  - Coastal Transect Baseline
  - Profile Baseline
  - Hydrographic Feature
- MAP PANELS**
  - Digital Data Available
  - No Digital Data Available
  - Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/13/2022 at 10:25 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

U.S. Fish and Wildlife Service  
**National Wetlands Inventory**

NAPP2124627967 | PADUCA 7/6 W1ED F



April 13, 2022

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

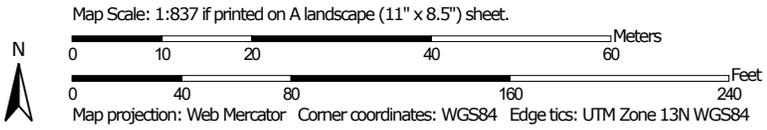
- Lake
- Other
- Riverine

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.

Soil Map—Lea County, New Mexico  
(NAPP2124627967 PADUCA 7/6 W1ED FED COM #2H BATTERY)



Soil Map may not be valid at this scale.



Soil Map—Lea County, New Mexico  
(NAPP2124627967 PADUCA 7/6 W1ED FED COM #2H BATTERY)

### MAP LEGEND

**Area of Interest (AOI)**

 Area of Interest (AOI)

**Soils**

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

**Special Point Features**

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

**Water Features**

 Streams and Canals

**Transportation**

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

**Background**

 Aerial Photography

### MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Lea County, New Mexico  
Survey Area Data: Version 18, Sep 10, 2021

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

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

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

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
TF	Tonuco loamy fine sand, 0 to 3 percent slopes	3.3	100.0%
<b>Totals for Area of Interest</b>		<b>3.3</b>	<b>100.0%</b>



**NAPP2124627967 | PADUCA 7/6 W1ED FED COM #2H BATTERY  
Delineation GPS Location**

Sample	Latitude	Longitude
SP-1	32.05836842	-103.720617
SP-1 N	32.05848322	-103.7206061
SP-1 S	32.05829745	-103.7204936
SP-1 E	32.0583619	-103.720488
SP-1 NE	32.05847005	-103.7204968
SP-2	32.05835957	-103.7207856
SP-2 N	32.05848984	-103.7207712
SP-2 S	32.05826382	-103.7207613
SP-3	32.05833353	-103.7209687
SP-3 S	32.05825822	-103.7209961
SP-3 W	32.0583376	-103.7211107
SP-3 N	32.05845341	-103.7209828



---

**Confirmation Sample Notification - NAPP2124627967 PADUCA 7/6 W1ED FED COM #2H BATTERY**

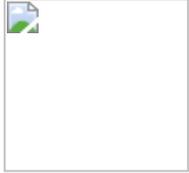
1 message

---

**Dan Dunkelberg** <dan@trinityoilfieldservices.com> Tue, Mar 1, 2022 at 3:09 PM  
To: OCD.Enviro@state.nm.us  
Cc: Josh Halcomb <josh@trinityoilfieldservices.com>, Fieldtech 1 <fieldtech1@trinityoilfieldservices.com>

This is a notification that Trinity Oilfield Services will conduct confirmation sampling on behalf of Mewbourne Oil Co. at the above referenced site on Friday, March 4, 2022 at 8:00 a.m.

Dan Dunkelberg  
Environmental Professional



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



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

---

November 17, 2021

JOHN FARRELL

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: PADUCA S17

Enclosed are the results of analyses for samples received by the laboratory on 11/15/21 16:25.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	11/15/2021	Sampling Date:	11/12/2021
Reported:	11/17/2021	Sampling Type:	Soil
Project Name:	PADUCA S17	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SD - 1 VERTICAL @ 4' (H213253-01)**

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	11/16/2021	ND	2.02	101	2.00	4.32	
Toluene*	<0.050	0.050	11/16/2021	ND	1.93	96.5	2.00	4.20	
Ethylbenzene*	<0.050	0.050	11/16/2021	ND	1.91	95.3	2.00	4.15	
Total Xylenes*	<0.150	0.150	11/16/2021	ND	5.85	97.5	6.00	3.64	
Total BTEX	<0.300	0.300	11/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1410</b>	16.0	11/16/2021	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	11/16/2021	ND	198	99.0	200	1.07	
<b>DRO &gt;C10-C28*</b>	<b>619</b>	10.0	11/16/2021	ND	204	102	200	4.20	
<b>EXT DRO &gt;C28-C36</b>	<b>152</b>	10.0	11/16/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 112 % 38.9-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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  
 JOHN FARRELL  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	11/15/2021	Sampling Date:	11/12/2021
Reported:	11/17/2021	Sampling Type:	Soil
Project Name:	PADUCA S17	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SD - 1 VERTICAL @ 10' (H213253-02)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	11/16/2021	ND	416	104	400	3.92	

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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  
 JOHN FARRELL  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	11/15/2021	Sampling Date:	11/12/2021
Reported:	11/17/2021	Sampling Type:	Soil
Project Name:	PADUCA S17	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SD - 2 VERTICAL @ 4' (H213253-03)**

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	11/16/2021	ND	2.02	101	2.00	4.32	
Toluene*	<0.050	0.050	11/16/2021	ND	1.93	96.5	2.00	4.20	
Ethylbenzene*	<0.050	0.050	11/16/2021	ND	1.91	95.3	2.00	4.15	
<b>Total Xylenes*</b>	<b>1.50</b>	0.150	11/16/2021	ND	5.85	97.5	6.00	3.64	GC-NC1
<b>Total BTEX</b>	<b>1.50</b>	0.300	11/16/2021	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 136 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1020</b>	16.0	11/16/2021	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
<b>GRO C6-C10*</b>	<b>102</b>	10.0	11/16/2021	ND	198	99.0	200	1.07	
<b>DRO &gt;C10-C28*</b>	<b>2090</b>	10.0	11/16/2021	ND	204	102	200	4.20	
<b>EXT DRO &gt;C28-C36</b>	<b>319</b>	10.0	11/16/2021	ND					

Surrogate: 1-Chlorooctane 117 % 44.3-133

Surrogate: 1-Chlorooctadecane 101 % 38.9-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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  
 JOHN FARRELL  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	11/15/2021	Sampling Date:	11/12/2021
Reported:	11/17/2021	Sampling Type:	Soil
Project Name:	PADUCA S17	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SD - 2 VERTICAL @ 10' (H213253-04)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	11/16/2021	ND	416	104	400	3.92	

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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  
 JOHN FARRELL  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	11/15/2021	Sampling Date:	11/12/2021
Reported:	11/17/2021	Sampling Type:	Soil
Project Name:	PADUCA S17	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SD - 3 VERTICAL @ 4' (H213253-05)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/16/2021	ND	2.02	101	2.00	4.32	
Toluene*	<0.050	0.050	11/16/2021	ND	1.93	96.5	2.00	4.20	GC-NC
Ethylbenzene*	<0.050	0.050	11/16/2021	ND	1.91	95.3	2.00	4.15	
<b>Total Xylenes*</b>	<b>2.75</b>	0.150	11/16/2021	ND	5.85	97.5	6.00	3.64	GC-NC1
<b>Total BTEX</b>	<b>2.75</b>	0.300	11/16/2021	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 168 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>208</b>	16.0	11/16/2021	ND	416	104	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
<b>GRO C6-C10*</b>	<b>205</b>	10.0	11/16/2021	ND	198	99.0	200	1.07	
<b>DRO &gt;C10-C28*</b>	<b>3020</b>	10.0	11/16/2021	ND	204	102	200	4.20	
<b>EXT DRO &gt;C28-C36</b>	<b>446</b>	10.0	11/16/2021	ND					

Surrogate: 1-Chlorooctane 140 % 44.3-133

Surrogate: 1-Chlorooctadecane 178 % 38.9-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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  
 JOHN FARRELL  
 P. O. BOX 2587  
 HOBBS NM, 88241  
 Fax To: NONE

Received:	11/15/2021	Sampling Date:	11/12/2021
Reported:	11/17/2021	Sampling Type:	Soil
Project Name:	PADUCA S17	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SD - 3 VERTICAL @ 10' (H213253-06)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	11/16/2021	ND	416	104	400	3.92	

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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: John Farrell **ANALYSIS REQUEST**

Address: 8426 N Dal Paso P.O. #: Mewbourne Oil Co.

City: Hobbs Attn: Robbie Runnels

Phone #: 575 390 7560 Fax #: 88241

Project #: 68 PAVUCA 517 Project Owner: (see below)

Project Name: MEASURED WATER SAMPLING City: Hobbs

Project Location: Lea Co., NM State: NM Zip: 88240

Sampler Name: GR Phone #: Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
	1 SD-1 Vertical @ 4'	G 1	X						11/12/2021	9:00	X	X	X	
	2 SD-1 Vertical @ 10'	G 1	X						11/12/2021	9:10	X			
	3 SD-2 Vertical @ 4'	G 1	X						11/12/2021	9:15	X	X		
	4 SD-2 Vertical @ 10'	G 1	X						11/12/2021	9:25	X		X	
	5 SD-3 Vertical @ 4'	G 1	X						11/12/2021	9:30	X	X		
	6 SD-3 Vertical @ 10'	G 1	X						11/12/2021	9:40	X			

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable services. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: [Signature] Date: 11/15/21 Received By: [Signature] Verbal Result: All Results are emailed. Please provide Email address: Yes  No  Add'l Phone #:

Relinquished By: [Signature] Date: 11/25 Received By: [Signature] REMARKS:

Delivered By: (Circle One) Observed Temp. °C 27 Sample Condition Cool Intact  Yes  No  Checked By: (Initials) DS. Turnaround Time: Standard  Rush  Bacteria (only) Sample Condition Cool Intact  Yes  No  Corrected Temp. °C 22 Corrected Temp. °C 22 Thermometer ID #113 Correction Factor: -0.5 °C

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



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

---

February 03, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: PADUCA 7/6

Enclosed are the results of analyses for samples received by the laboratory on 01/28/22 16:55.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/28/2022	Sampling Date:	01/20/2022
Reported:	02/03/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SD - 1 N @ 2' (H220348-01)**

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	01/31/2022	ND	2.04	102	2.00	6.84	
Toluene*	<0.050	0.050	01/31/2022	ND	1.98	98.9	2.00	6.28	
Ethylbenzene*	<0.050	0.050	01/31/2022	ND	1.95	97.3	2.00	6.39	
Total Xylenes*	<0.150	0.150	01/31/2022	ND	5.89	98.2	6.00	5.74	
Total BTEX	<0.300	0.300	01/31/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>128</b>	16.0	02/01/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2022	ND	196	97.8	200	4.42	
<b>DRO &gt;C10-C28*</b>	<b>11.1</b>	10.0	01/31/2022	ND	200	99.8	200	3.42	
EXT DRO >C28-C36	<10.0	10.0	01/31/2022	ND					

Surrogate: 1-Chlorooctane 97.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/28/2022	Sampling Date:	01/20/2022
Reported:	02/03/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SD - 1 S @ 2' (H220348-02)**

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	01/31/2022	ND	2.04	102	2.00	6.84	
Toluene*	<0.050	0.050	01/31/2022	ND	1.98	98.9	2.00	6.28	
Ethylbenzene*	<0.050	0.050	01/31/2022	ND	1.95	97.3	2.00	6.39	
Total Xylenes*	<0.150	0.150	01/31/2022	ND	5.89	98.2	6.00	5.74	
Total BTEX	<0.300	0.300	01/31/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	02/01/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2022	ND	196	97.8	200	4.42	
DRO >C10-C28*	<10.0	10.0	01/31/2022	ND	200	99.8	200	3.42	
EXT DRO >C28-C36	<10.0	10.0	01/31/2022	ND					

Surrogate: 1-Chlorooctane 98.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/28/2022	Sampling Date:	01/20/2022
Reported:	02/03/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SD - 1 E @ 2' (H220348-03)**

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	01/31/2022	ND	2.04	102	2.00	6.84	
Toluene*	<0.050	0.050	01/31/2022	ND	1.98	98.9	2.00	6.28	
Ethylbenzene*	<0.050	0.050	01/31/2022	ND	1.95	97.3	2.00	6.39	
Total Xylenes*	<0.150	0.150	01/31/2022	ND	5.89	98.2	6.00	5.74	
Total BTEX	<0.300	0.300	01/31/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/01/2022	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	02/01/2022	ND	191	95.3	200	0.0614	
DRO >C10-C28*	<10.0	10.0	02/01/2022	ND	235	118	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND					

Surrogate: 1-Chlorooctane 98.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.6 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/28/2022	Sampling Date:	01/20/2022
Reported:	02/03/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SD - 1 NE @ 2' (H220348-04)**

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	02/01/2022	ND	1.98	99.0	2.00	8.49		
Toluene*	<0.050	0.050	02/01/2022	ND	1.92	95.9	2.00	7.76		
Ethylbenzene*	<0.050	0.050	02/01/2022	ND	1.89	94.3	2.00	8.45		
Total Xylenes*	<0.150	0.150	02/01/2022	ND	5.69	94.9	6.00	8.73		
Total BTEX	<0.300	0.300	02/01/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/01/2022	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	02/01/2022	ND	191	95.3	200	0.0614		
DRO >C10-C28*	<10.0	10.0	02/01/2022	ND	235	118	200	1.99		
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND						

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/28/2022	Sampling Date:	01/20/2022
Reported:	02/03/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SD - 1 @ 6' (H220348-05)**

BTEX 8021B		mg/kg		Analyzed By: MS/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2022	ND	1.98	99.0	2.00	8.49	
<b>Toluene*</b>	<b>0.292</b>	0.050	02/01/2022	ND	1.92	95.9	2.00	7.76	
<b>Ethylbenzene*</b>	<b>0.314</b>	0.050	02/01/2022	ND	1.89	94.3	2.00	8.45	
<b>Total Xylenes*</b>	<b>5.35</b>	0.150	02/01/2022	ND	5.69	94.9	6.00	8.73	
<b>Total BTEX</b>	<b>5.96</b>	0.300	02/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 173 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>976</b>	16.0	02/01/2022	ND	416	104	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
<b>GRO C6-C10*</b>	<b>127</b>	10.0	02/01/2022	ND	191	95.3	200	0.0614	
<b>DRO &gt;C10-C28*</b>	<b>1360</b>	10.0	02/01/2022	ND	235	118	200	1.99	
<b>EXT DRO &gt;C28-C36</b>	<b>185</b>	10.0	02/01/2022	ND					

Surrogate: 1-Chlorooctane 123 % 66.9-136

Surrogate: 1-Chlorooctadecane 144 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/28/2022	Sampling Date:	01/20/2022
Reported:	02/03/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SD - 1 @ 8' (H220348-06)**

BTEX 8021B		mg/kg		Analyzed By: MS/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2022	ND	1.98	99.0	2.00	8.49	
<b>Toluene*</b>	<b>1.99</b>	0.050	02/01/2022	ND	1.92	95.9	2.00	7.76	
<b>Ethylbenzene*</b>	<b>0.765</b>	0.050	02/01/2022	ND	1.89	94.3	2.00	8.45	
<b>Total Xylenes*</b>	<b>14.9</b>	0.150	02/01/2022	ND	5.69	94.9	6.00	8.73	
<b>Total BTEX</b>	<b>17.7</b>	0.300	02/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 239 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1410</b>	16.0	02/01/2022	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
<b>GRO C6-C10*</b>	<b>294</b>	10.0	02/01/2022	ND	191	95.3	200	0.0614	
<b>DRO &gt;C10-C28*</b>	<b>1960</b>	10.0	02/01/2022	ND	235	118	200	1.99	
<b>EXT DRO &gt;C28-C36</b>	<b>263</b>	10.0	02/01/2022	ND					

Surrogate: 1-Chlorooctane 135 % 66.9-136

Surrogate: 1-Chlorooctadecane 127 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/28/2022	Sampling Date:	01/20/2022
Reported:	02/03/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SD - 2 N @ 2' (H220348-07)**

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	02/01/2022	ND	1.98	99.0	2.00	8.49		
Toluene*	<0.050	0.050	02/01/2022	ND	1.92	95.9	2.00	7.76		
Ethylbenzene*	<0.050	0.050	02/01/2022	ND	1.89	94.3	2.00	8.45		
Total Xylenes*	<0.150	0.150	02/01/2022	ND	5.69	94.9	6.00	8.73		
Total BTEX	<0.300	0.300	02/01/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/01/2022	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	02/01/2022	ND	191	95.3	200	0.0614		
DRO >C10-C28*	<10.0	10.0	02/01/2022	ND	235	118	200	1.99		
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND						

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/28/2022	Sampling Date:	01/20/2022
Reported:	02/03/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SD - 2 S @ 2' (H220348-08)**

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	02/01/2022	ND	1.98	99.0	2.00	8.49	
Toluene*	<0.050	0.050	02/01/2022	ND	1.92	95.9	2.00	7.76	
Ethylbenzene*	<0.050	0.050	02/01/2022	ND	1.89	94.3	2.00	8.45	
Total Xylenes*	<0.150	0.150	02/01/2022	ND	5.69	94.9	6.00	8.73	
Total BTEX	<0.300	0.300	02/01/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	02/01/2022	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	02/01/2022	ND	191	95.3	200	0.0614	
DRO >C10-C28*	<10.0	10.0	02/01/2022	ND	235	118	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND					

Surrogate: 1-Chlorooctane 96.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.1 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/28/2022	Sampling Date:	01/20/2022
Reported:	02/03/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SD - 2 @ 6' (H220348-09)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2022	ND	1.95	97.3	2.00	10.6	
Toluene*	<0.050	0.050	02/01/2022	ND	1.87	93.3	2.00	11.9	
Ethylbenzene*	<0.050	0.050	02/01/2022	ND	1.85	92.7	2.00	11.0	
Total Xylenes*	<0.150	0.150	02/01/2022	ND	5.60	93.3	6.00	11.2	
Total BTEX	<0.300	0.300	02/01/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	02/01/2022	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	02/01/2022	ND	191	95.3	200	0.0614	
DRO >C10-C28*	<10.0	10.0	02/01/2022	ND	235	118	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/28/2022	Sampling Date:	01/20/2022
Reported:	02/03/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SD - 2 @ 8' (H220348-10)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2022	ND	1.95	97.3	2.00	10.6	
Toluene*	<0.050	0.050	02/01/2022	ND	1.87	93.3	2.00	11.9	
Ethylbenzene*	<0.050	0.050	02/01/2022	ND	1.85	92.7	2.00	11.0	
Total Xylenes*	<0.150	0.150	02/01/2022	ND	5.60	93.3	6.00	11.2	
Total BTEX	<0.300	0.300	02/01/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>384</b>	16.0	02/01/2022	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	02/01/2022	ND	191	95.3	200	0.0614	
<b>DRO &gt;C10-C28*</b>	<b>225</b>	10.0	02/01/2022	ND	235	118	200	1.99	
<b>EXT DRO &gt;C28-C36</b>	<b>28.3</b>	10.0	02/01/2022	ND					

Surrogate: 1-Chlorooctane 97.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/28/2022	Sampling Date:	01/20/2022
Reported:	02/03/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SD - 3 N @ 2' (H220348-11)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2022	ND	1.95	97.3	2.00	10.6	
Toluene*	<0.050	0.050	02/01/2022	ND	1.87	93.3	2.00	11.9	
Ethylbenzene*	<0.050	0.050	02/01/2022	ND	1.85	92.7	2.00	11.0	
Total Xylenes*	<0.150	0.150	02/01/2022	ND	5.60	93.3	6.00	11.2	
Total BTEX	<0.300	0.300	02/01/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/01/2022	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	02/01/2022	ND	191	95.3	200	0.0614	
DRO >C10-C28*	<10.0	10.0	02/01/2022	ND	235	118	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/28/2022	Sampling Date:	01/20/2022
Reported:	02/03/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SD - 3 S @ 2' (H220348-12)**

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	02/01/2022	ND	1.95	97.3	2.00	10.6		
Toluene*	<0.050	0.050	02/01/2022	ND	1.87	93.3	2.00	11.9		
Ethylbenzene*	<0.050	0.050	02/01/2022	ND	1.85	92.7	2.00	11.0		
Total Xylenes*	<0.150	0.150	02/01/2022	ND	5.60	93.3	6.00	11.2		
Total BTEX	<0.300	0.300	02/01/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	02/01/2022	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	02/01/2022	ND	191	95.3	200	0.0614		
DRO >C10-C28*	<10.0	10.0	02/01/2022	ND	235	118	200	1.99		
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND						

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/28/2022	Sampling Date:	01/20/2022
Reported:	02/03/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SD - 3 W @ 2' (H220348-13)**

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	02/01/2022	ND	1.95	97.3	2.00	10.6	
Toluene*	<0.050	0.050	02/01/2022	ND	1.87	93.3	2.00	11.9	
Ethylbenzene*	<0.050	0.050	02/01/2022	ND	1.85	92.7	2.00	11.0	
Total Xylenes*	<0.150	0.150	02/01/2022	ND	5.60	93.3	6.00	11.2	
Total BTEX	<0.300	0.300	02/01/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/01/2022	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	02/01/2022	ND	195	97.5	200	19.6	
DRO >C10-C28*	<10.0	10.0	02/01/2022	ND	193	96.4	200	18.2	
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/28/2022	Sampling Date:	01/20/2022
Reported:	02/03/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SD - 3 @ 6' (H220348-14)**

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	02/01/2022	ND	1.95	97.3	2.00	10.6	
Toluene*	<0.050	0.050	02/01/2022	ND	1.87	93.3	2.00	11.9	
Ethylbenzene*	<0.050	0.050	02/01/2022	ND	1.85	92.7	2.00	11.0	
Total Xylenes*	<0.150	0.150	02/01/2022	ND	5.60	93.3	6.00	11.2	
Total BTEX	<0.300	0.300	02/01/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	02/01/2022	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	02/01/2022	ND	195	97.5	200	19.6	
DRO >C10-C28*	<10.0	10.0	02/01/2022	ND	193	96.4	200	18.2	
EXT DRO >C28-C36	<10.0	10.0	02/01/2022	ND					

Surrogate: 1-Chlorooctane 99.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/28/2022	Sampling Date:	01/20/2022
Reported:	02/03/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SD - 3 @ 8' (H220348-15)**

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	02/01/2022	ND	1.95	97.3	2.00	10.6	
Toluene*	<0.050	0.050	02/01/2022	ND	1.87	93.3	2.00	11.9	
Ethylbenzene*	<0.050	0.050	02/01/2022	ND	1.85	92.7	2.00	11.0	
Total Xylenes*	<0.150	0.150	02/01/2022	ND	5.60	93.3	6.00	11.2	
Total BTEX	<0.300	0.300	02/01/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>480</b>	16.0	02/01/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2022	ND	195	97.5	200	19.6	
<b>DRO &gt;C10-C28*</b>	<b>123</b>	10.0	02/01/2022	ND	193	96.4	200	18.2	
<b>EXT DRO &gt;C28-C36</b>	<b>11.6</b>	10.0	02/01/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 110 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service.

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**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Trinity Oilfield Services  
 Project Manager: Dan Dunkelberg  
 Address: 8426 N Dal Paso  
 City: Hobbs  
 Phone #: 575 602 2403  
 Project #: Paduca 7/6  
 Project Location: Paduca 7/6  
 Sampler Name: Kenny A  
 FOR LAB USE ONLY

P.O. #: Mewbourne Oil Co.  
 Company: Robbie Runnels  
 Address: Hobbs  
 State: NM Zip: 88241  
 Attn: Robbie Runnels  
 Project Owner: (see below)  
 dan@trinityoilfieldservices.com  
 Phone #: Zip: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
1	SD-1 N @ 2'	G 1	1	X						1/20/2022	800	X	X	X
2	SD-1 S @ 2'	G 1	1	X						1/20/2022	805	X	X	X
3	SD-1 E @ 2'	G 1	1	X						1/20/2022	815	X	X	X
4	SD-1 NE @ 2'	G 1	1	X						1/20/2022	815	X	X	X
5	SD-1 @ 6'	G 1	1	X						1/20/2022	820	X	X	X
6	SD-1 @ 8'	G 1	1	X						1/20/2022	830	X	X	X
7	SD-2 N @ 2'	G 1	1	X						1/20/2022	835	X	X	X
8	SD-2 S @ 2'	G 1	1	X						1/20/2022	840	X	X	X
9	SD-2 @ 6'	G 1	1	X						1/20/2022	845	X	X	X

PLEASE NOTE: Liability and Damages: Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable services. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *[Signature]* Date: 1/28/22 Time: 11:55  
 Received By: *[Signature]*  
 Date: Received By: *[Signature]*

Delivered By: (Circle One) Observed Temp. °C 95  
 Corrected Temp. °C 90  
 Sample Condition: Cool Intact  Yes  No  
 CHECKED BY: (Initials) *gjo.*  
 Turnaround Time: Thermometer ID #113  
 Correction Factor -0.5 °C

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



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

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

Company Name: Trinity Oilfield Services		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Dan Dunkelberg		Company: Mewbourne Oil Co.					
Address: 8426 N Dal Paso		Attn: Robbie Runnels					
City: Hobbs		Address:					
Phone #: 575 602 2403		State: NM Zip: 88241					
Project #:		Project Owner: (see below)					
Project Name: Paduca 7/6		City:					
Project Location:		State:					
Sampler Name: Kenny A		Phone #:					
FOR LAB USE ONLY		Fax #:					

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	Chloride	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE					
11	SD-3-N @ 2'	G 1	X						1/20/2022	855	X	X	X
12	SD-3-S @ 2'	G 1	X						1/20/2022	900	X	X	X
13	SD-3-W @ 2'	G 1	X						1/20/2022	902	X	X	X
14	SD-3 @ 6'	G 1	X						1/20/2022	905	X	X	X
15	SD-3 @ 8'	G 1	X						1/20/2022	910	X	X	X

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated missions or otherwise.

Relinquished By:	Date: 1-28-22	Received By:	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Time: 10:55			All Results are emailed. Please provide Email address:	
Relinquished By:	Date:	Received By:	REMARKS:	
Time:				

Delivered By: (Circle One)	Observed Temp. °C: 9.5	Sample Condition	CHECKED BY: (Initials)	Turnaround Time:	Standard	<input checked="" type="checkbox"/> X	Bacteria (only) Sample Condition	Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C: 9.0	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ICE	Thermometer ID #113	Rush <input checked="" type="checkbox"/>		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	Corrected Temp. °C
			72	Correction Factor -0.5 °C				

† Cardinal cannot accept verbal changes. Please email changes to celay.keene@cardinalabnm.com



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

---

March 14, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: PADUCA 7/6

Enclosed are the results of analyses for samples received by the laboratory on 03/09/22 16:24.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SR - 1 VERTICAL @ 5' (H220951-01)**

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	03/12/2022	ND	1.96	98.2	2.00	6.36	
Toluene*	<0.050	0.050	03/12/2022	ND	1.97	98.3	2.00	7.24	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	1.89	94.5	2.00	7.24	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	5.88	98.0	6.00	7.39	
Total BTEX	<0.300	0.300	03/12/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2160</b>	16.0	03/12/2022	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	03/12/2022	ND	211	105	200	6.72	
<b>DRO &gt;C10-C28*</b>	<b>956</b>	10.0	03/12/2022	ND	208	104	200	0.866	
<b>EXT DRO &gt;C28-C36</b>	<b>190</b>	10.0	03/12/2022	ND					

Surrogate: 1-Chlorooctane 94.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 141 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SR - 2 VERTICAL @ 5' (H220951-02)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2022	ND	2.02	101	2.00	4.63	
Toluene*	<0.050	0.050	03/12/2022	ND	2.10	105	2.00	6.23	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	2.03	101	2.00	7.70	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.26	104	6.00	7.75	
Total BTEX	<0.300	0.300	03/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	03/12/2022	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	03/12/2022	ND	211	105	200	6.72	
DRO >C10-C28*	<10.0	10.0	03/12/2022	ND	208	104	200	0.866	
EXT DRO >C28-C36	<10.0	10.0	03/12/2022	ND					

Surrogate: 1-Chlorooctane 97.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SR - 3 VERTICAL @ 5' (H220951-03)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2022	ND	2.02	101	2.00	4.63	
Toluene*	<0.050	0.050	03/12/2022	ND	2.10	105	2.00	6.23	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	2.03	101	2.00	7.70	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.26	104	6.00	7.75	
Total BTEX	<0.300	0.300	03/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3080</b>	16.0	03/12/2022	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	03/12/2022	ND	211	105	200	6.72	
<b>DRO &gt;C10-C28*</b>	<b>241</b>	10.0	03/12/2022	ND	208	104	200	0.866	
<b>EXT DRO &gt;C28-C36</b>	<b>43.5</b>	10.0	03/12/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 139 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SR - 4 VERTICAL @ 5' (H220951-04)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/12/2022	ND	2.02	101	2.00	4.63		
Toluene*	<0.050	0.050	03/12/2022	ND	2.10	105	2.00	6.23		
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	2.03	101	2.00	7.70		
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.26	104	6.00	7.75		
Total BTEX	<0.300	0.300	03/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>16800</b>	16.0	03/12/2022	ND	416	104	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	03/12/2022		178	89.0	200	22.0			
<b>DRO &gt;C10-C28*</b>	<b>752</b>	10.0	03/12/2022		199	99.7	200	6.29			
<b>EXT DRO &gt;C28-C36</b>	<b>189</b>	10.0	03/12/2022								

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 145 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SR - 5 VERTICAL @ 5' (H220951-05)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2022	ND	2.02	101	2.00	4.63	
Toluene*	<0.050	0.050	03/12/2022	ND	2.10	105	2.00	6.23	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	2.03	101	2.00	7.70	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.26	104	6.00	7.75	
Total BTEX	<0.300	0.300	03/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>8000</b>	16.0	03/12/2022	ND	416	104	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	03/12/2022		178	89.0	200	22.0		
<b>DRO &gt;C10-C28*</b>	<b>303</b>	10.0	03/12/2022		199	99.7	200	6.29		
<b>EXT DRO &gt;C28-C36</b>	<b>43.2</b>	10.0	03/12/2022							

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 147 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SR - 6 VERTICAL @ 5' (H220951-06)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2022	ND	2.02	101	2.00	4.63	
Toluene*	<0.050	0.050	03/12/2022	ND	2.10	105	2.00	6.23	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	2.03	101	2.00	7.70	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.26	104	6.00	7.75	
Total BTEX	<0.300	0.300	03/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1120</b>	16.0	03/12/2022	ND	416	104	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	03/12/2022		178	89.0	200	22.0		
<b>DRO &gt;C10-C28*</b>	<b>713</b>	10.0	03/12/2022		199	99.7	200	6.29		
<b>EXT DRO &gt;C28-C36</b>	<b>93.9</b>	10.0	03/12/2022							

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 176 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SR - 7 VERTICAL @ 5' (H220951-07)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2022	ND	2.02	101	2.00	4.63	
Toluene*	<0.050	0.050	03/12/2022	ND	2.10	105	2.00	6.23	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	2.03	101	2.00	7.70	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.26	104	6.00	7.75	
Total BTEX	<0.300	0.300	03/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>4400</b>	16.0	03/12/2022	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	03/12/2022		178	89.0	200	22.0	
<b>DRO &gt;C10-C28*</b>	<b>249</b>	10.0	03/12/2022		199	99.7	200	6.29	
<b>EXT DRO &gt;C28-C36</b>	<b>15.0</b>	10.0	03/12/2022						

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 132 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SR - 8 VERTICAL @ 5' (H220951-08)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2022	ND	2.02	101	2.00	4.63	
Toluene*	<0.050	0.050	03/12/2022	ND	2.10	105	2.00	6.23	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	2.03	101	2.00	7.70	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.26	104	6.00	7.75	
Total BTEX	<0.300	0.300	03/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2600</b>	16.0	03/12/2022	ND	416	104	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	
<b>GRO C6-C10*</b>	<b>10.8</b>	10.0	03/12/2022		178	89.0	200	22.0		
<b>DRO &gt;C10-C28*</b>	<b>1510</b>	10.0	03/12/2022		199	99.7	200	6.29		
<b>EXT DRO &gt;C28-C36</b>	<b>286</b>	10.0	03/12/2022							

Surrogate: 1-Chlorooctane 98.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 168 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SR - 9 VERTICAL @ 5' (H220951-09)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2022	ND	2.02	101	2.00	4.63	
Toluene*	<0.050	0.050	03/12/2022	ND	2.10	105	2.00	6.23	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	2.03	101	2.00	7.70	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.26	104	6.00	7.75	
Total BTEX	<0.300	0.300	03/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1280</b>	16.0	03/12/2022	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	03/12/2022		178	89.0	200	22.0	
<b>DRO &gt;C10-C28*</b>	<b>476</b>	10.0	03/12/2022		199	99.7	200	6.29	
<b>EXT DRO &gt;C28-C36</b>	<b>51.6</b>	10.0	03/12/2022						

Surrogate: 1-Chlorooctane 96.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 142 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SR - 10 VERTICAL @ 5' (H220951-10)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/12/2022	ND	2.02	101	2.00	4.63	
Toluene*	<0.050	0.050	03/12/2022	ND	2.10	105	2.00	6.23	
Ethylbenzene*	<0.050	0.050	03/12/2022	ND	2.03	101	2.00	7.70	
Total Xylenes*	<0.150	0.150	03/12/2022	ND	6.26	104	6.00	7.75	
Total BTEX	<0.300	0.300	03/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2800</b>	16.0	03/12/2022	ND	416	104	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	03/12/2022		178	89.0	200	22.0		
<b>DRO &gt;C10-C28*</b>	<b>392</b>	10.0	03/12/2022		199	99.7	200	6.29		
<b>EXT DRO &gt;C28-C36</b>	<b>51.0</b>	10.0	03/12/2022							

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 157 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager





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

---

March 21, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: PADUCA 7/6

Enclosed are the results of analyses for samples received by the laboratory on 03/16/22 9:50.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 1 VERTICAL @ 1 (H221033-01)**

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	03/19/2022	ND	2.13	106	2.00	3.63	
Toluene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.66	
Ethylbenzene*	<0.050	0.050	03/19/2022	ND	2.05	103	2.00	4.19	
Total Xylenes*	<0.150	0.150	03/19/2022	ND	6.36	106	6.00	4.32	
Total BTEX	<0.300	0.300	03/19/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1310</b>	16.0	03/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2022	ND	217	109	200	3.30	
<b>DRO &gt;C10-C28*</b>	<b>14.8</b>	10.0	03/18/2022	ND	180	89.9	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 87.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.1 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 1 VERTICAL @ 2 (H221033-02)**

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	03/19/2022	ND	2.13	106	2.00	3.63		
Toluene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.66		
Ethylbenzene*	<0.050	0.050	03/19/2022	ND	2.05	103	2.00	4.19		
<b>Total Xylenes*</b>	<b>0.408</b>	0.150	03/19/2022	ND	6.36	106	6.00	4.32		
<b>Total BTEX</b>	<b>0.408</b>	0.300	03/19/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>1550</b>	16.0	03/18/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/18/2022	ND	217	109	200	3.30		
<b>DRO &gt;C10-C28*</b>	<b>299</b>	10.0	03/18/2022	ND	180	89.9	200	5.19		
<b>EXT DRO &gt;C28-C36</b>	<b>38.9</b>	10.0	03/18/2022	ND						

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 123 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 1 VERTICAL @ 3 (H221033-03)**

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	03/19/2022	ND	2.13	106	2.00	3.63	
Toluene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.66	
Ethylbenzene*	<0.050	0.050	03/19/2022	ND	2.05	103	2.00	4.19	
Total Xylenes*	<0.150	0.150	03/19/2022	ND	6.36	106	6.00	4.32	
Total BTEX	<0.300	0.300	03/19/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1180</b>	16.0	03/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2022	ND	217	109	200	3.30	
<b>DRO &gt;C10-C28*</b>	<b>11.2</b>	10.0	03/18/2022	ND	180	89.9	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 1 VERTICAL @ 4 (H221033-04)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.63		
Toluene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.66		
Ethylbenzene*	<0.050	0.050	03/19/2022	ND	2.05	103	2.00	4.19		
Total Xylenes*	<0.150	0.150	03/19/2022	ND	6.36	106	6.00	4.32		
Total BTEX	<0.300	0.300	03/19/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	704	16.0	03/18/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/18/2022	ND	217	109	200	3.30		
DRO >C10-C28*	<10.0	10.0	03/18/2022	ND	180	89.9	200	5.19		
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND						

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 1 VERTICAL @ 5 (H221033-05)**

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	03/19/2022	ND	2.13	106	2.00	3.63	
Toluene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.66	
Ethylbenzene*	<0.050	0.050	03/19/2022	ND	2.05	103	2.00	4.19	
<b>Total Xylenes*</b>	<b>0.494</b>	0.150	03/19/2022	ND	6.36	106	6.00	4.32	
<b>Total BTEX</b>	<b>0.494</b>	0.300	03/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2360</b>	16.0	03/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2022	ND	217	109	200	3.30	
<b>DRO &gt;C10-C28*</b>	<b>511</b>	10.0	03/18/2022	ND	180	89.9	200	5.19	
<b>EXT DRO &gt;C28-C36</b>	<b>109</b>	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 116 % 66.9-136

Surrogate: 1-Chlorooctadecane 140 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 2 VERTICAL @ 1 (H221033-06)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	03/19/2022	ND	2.13	106	2.00	3.63	
<b>Toluene*</b>	<b>7.82</b>	0.200	03/19/2022	ND	2.13	106	2.00	3.66	
<b>Ethylbenzene*</b>	<b>4.01</b>	0.200	03/19/2022	ND	2.05	103	2.00	4.19	
<b>Total Xylenes*</b>	<b>67.9</b>	0.600	03/19/2022	ND	6.36	106	6.00	4.32	
<b>Total BTEX</b>	<b>79.7</b>	1.20	03/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 227 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>4320</b>	16.0	03/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>1850</b>	10.0	03/18/2022	ND	217	109	200	3.30	
<b>DRO &gt;C10-C28*</b>	<b>7130</b>	10.0	03/18/2022	ND	180	89.9	200	5.19	
<b>EXT DRO &gt;C28-C36</b>	<b>790</b>	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 324 % 66.9-136

Surrogate: 1-Chlorooctadecane 269 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 2 VERTICAL @ 2 (H221033-07)**

BTEX 8021B		mg/kg		Analyzed By: MS\				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.500	0.500	03/18/2022	ND	2.04	102	2.00	5.43		
<b>Toluene*</b>	<b>7.89</b>	0.500	03/18/2022	ND	2.03	101	2.00	5.39	QM-07	
<b>Ethylbenzene*</b>	<b>4.21</b>	0.500	03/18/2022	ND	2.02	101	2.00	5.43		
<b>Total Xylenes*</b>	<b>69.8</b>	1.50	03/18/2022	ND	6.22	104	6.00	5.89	QM-07	
<b>Total BTEX</b>	<b>81.9</b>	3.00	03/18/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 154 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>5520</b>	16.0	03/18/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>1970</b>	10.0	03/18/2022	ND	217	109	200	3.30		
<b>DRO &gt;C10-C28*</b>	<b>6920</b>	10.0	03/18/2022	ND	180	89.9	200	5.19		
<b>EXT DRO &gt;C28-C36</b>	<b>757</b>	10.0	03/18/2022	ND						

Surrogate: 1-Chlorooctane 313 % 66.9-136

Surrogate: 1-Chlorooctadecane 249 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 2 VERTICAL @ 3 (H221033-08)**

BTEX 8021B		mg/kg		Analyzed By: MS\				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	03/18/2022	ND	2.04	102	2.00	5.43	
<b>Toluene*</b>	<b>9.10</b>	0.200	03/18/2022	ND	2.03	101	2.00	5.39	
<b>Ethylbenzene*</b>	<b>4.97</b>	0.200	03/18/2022	ND	2.02	101	2.00	5.43	
<b>Total Xylenes*</b>	<b>71.8</b>	0.600	03/18/2022	ND	6.22	104	6.00	5.89	
<b>Total BTEX</b>	<b>85.9</b>	1.20	03/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 219 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>7600</b>	16.0	03/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>2400</b>	10.0	03/18/2022	ND	217	109	200	3.30	
<b>DRO &gt;C10-C28*</b>	<b>8380</b>	10.0	03/18/2022	ND	180	89.9	200	5.19	
<b>EXT DRO &gt;C28-C36</b>	<b>923</b>	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 373 % 66.9-136

Surrogate: 1-Chlorooctadecane 299 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 2 VERTICAL @ 4 (H221033-09)**

BTEX 8021B		mg/kg		Analyzed By: MS\				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	03/18/2022	ND	2.04	102	2.00	5.43	
<b>Toluene*</b>	<b>10.5</b>	0.500	03/18/2022	ND	2.03	101	2.00	5.39	
<b>Ethylbenzene*</b>	<b>4.77</b>	0.500	03/18/2022	ND	2.02	101	2.00	5.43	
<b>Total Xylenes*</b>	<b>83.1</b>	1.50	03/18/2022	ND	6.22	104	6.00	5.89	
<b>Total BTEX</b>	<b>98.4</b>	3.00	03/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 161 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>8130</b>	16.0	03/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>2230</b>	10.0	03/18/2022	ND	217	109	200	3.30	
<b>DRO &gt;C10-C28*</b>	<b>7600</b>	10.0	03/18/2022	ND	180	89.9	200	5.19	
<b>EXT DRO &gt;C28-C36</b>	<b>826</b>	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 325 % 66.9-136

Surrogate: 1-Chlorooctadecane 267 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 2 VERTICAL @ 5 (H221033-10)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2022	ND	2.04	102	2.00	5.43	
<b>Toluene*</b>	<b>0.806</b>	0.050	03/18/2022	ND	2.03	101	2.00	5.39	
<b>Ethylbenzene*</b>	<b>0.353</b>	0.050	03/18/2022	ND	2.02	101	2.00	5.43	
<b>Total Xylenes*</b>	<b>6.97</b>	0.150	03/18/2022	ND	6.22	104	6.00	5.89	
<b>Total BTEX</b>	<b>8.13</b>	0.300	03/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>12000</b>	16.0	03/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>87.4</b>	10.0	03/18/2022	ND	217	109	200	3.30		
<b>DRO &gt;C10-C28*</b>	<b>2950</b>	10.0	03/18/2022	ND	180	89.9	200	5.19		
<b>EXT DRO &gt;C28-C36</b>	<b>616</b>	10.0	03/18/2022	ND						

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 198 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 3 VERTICAL @ 1 (H221033-11)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	03/18/2022	ND	1.95	97.4	2.00	6.57	
<b>Toluene*</b>	<b>6.31</b>	0.200	03/18/2022	ND	1.95	97.3	2.00	6.95	
<b>Ethylbenzene*</b>	<b>3.34</b>	0.200	03/18/2022	ND	1.87	93.5	2.00	7.06	
<b>Total Xylenes*</b>	<b>56.4</b>	0.600	03/18/2022	ND	5.83	97.2	6.00	6.66	
<b>Total BTEX</b>	<b>66.0</b>	1.20	03/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 203 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>6260</b>	16.0	03/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>2080</b>	10.0	03/18/2022	ND	217	109	200	3.30	
<b>DRO &gt;C10-C28*</b>	<b>9300</b>	10.0	03/18/2022	ND	180	89.9	200	5.19	
<b>EXT DRO &gt;C28-C36</b>	<b>1000</b>	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 350 % 66.9-136

Surrogate: 1-Chlorooctadecane 309 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 3 VERTICAL @ 2 (H221033-12)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	03/18/2022	ND	1.95	97.4	2.00	6.57	
<b>Toluene*</b>	<b>12.5</b>	0.200	03/18/2022	ND	1.95	97.3	2.00	6.95	
<b>Ethylbenzene*</b>	<b>5.48</b>	0.200	03/18/2022	ND	1.87	93.5	2.00	7.06	
<b>Total Xylenes*</b>	<b>79.2</b>	0.600	03/18/2022	ND	5.83	97.2	6.00	6.66	
<b>Total BTEX</b>	<b>97.1</b>	1.20	03/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 203 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>10800</b>	16.0	03/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>2050</b>	10.0	03/18/2022	ND	217	109	200	3.30	
<b>DRO &gt;C10-C28*</b>	<b>6660</b>	10.0	03/18/2022	ND	180	89.9	200	5.19	
<b>EXT DRO &gt;C28-C36</b>	<b>690</b>	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 343 % 66.9-136

Surrogate: 1-Chlorooctadecane 442 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 3 VERTICAL @ 3 (H221033-13)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	03/18/2022	ND	1.95	97.4	2.00	6.57	
<b>Toluene*</b>	<b>0.598</b>	0.200	03/18/2022	ND	1.95	97.3	2.00	6.95	
<b>Ethylbenzene*</b>	<b>0.620</b>	0.200	03/18/2022	ND	1.87	93.5	2.00	7.06	
<b>Total Xylenes*</b>	<b>12.5</b>	0.600	03/18/2022	ND	5.83	97.2	6.00	6.66	
<b>Total BTEX</b>	<b>13.7</b>	1.20	03/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 152 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>7730</b>	16.0	03/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>808</b>	10.0	03/18/2022	ND	203	102	200	7.62	QM-07, QR-03
<b>DRO &gt;C10-C28*</b>	<b>4100</b>	10.0	03/18/2022	ND	199	99.6	200	11.5	QM-07, QR-03
<b>EXT DRO &gt;C28-C36</b>	<b>400</b>	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 202 % 66.9-136

Surrogate: 1-Chlorooctadecane 178 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 3 VERTICAL @ 4 (H221033-14)**

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	03/18/2022	ND	1.95	97.4	2.00	6.57	
<b>Toluene*</b>	<b>0.084</b>	0.050	03/18/2022	ND	1.95	97.3	2.00	6.95	
<b>Ethylbenzene*</b>	<b>0.113</b>	0.050	03/18/2022	ND	1.87	93.5	2.00	7.06	
<b>Total Xylenes*</b>	<b>2.16</b>	0.150	03/18/2022	ND	5.83	97.2	6.00	6.66	
<b>Total BTEX</b>	<b>2.36</b>	0.300	03/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2640</b>	16.0	03/18/2022	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	
<b>GRO C6-C10*</b>	<b>94.4</b>	10.0	03/18/2022	ND	203	102	200	7.62		
<b>DRO &gt;C10-C28*</b>	<b>857</b>	10.0	03/18/2022	ND	199	99.6	200	11.5		
<b>EXT DRO &gt;C28-C36</b>	<b>102</b>	10.0	03/18/2022	ND						

Surrogate: 1-Chlorooctane 144 % 66.9-136

Surrogate: 1-Chlorooctadecane 170 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 3 VERTICAL @ 5 (H221033-15)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2022	ND	1.95	97.4	2.00	6.57	
<b>Toluene*</b>	<b>0.178</b>	0.050	03/18/2022	ND	1.95	97.3	2.00	6.95	
<b>Ethylbenzene*</b>	<b>0.171</b>	0.050	03/18/2022	ND	1.87	93.5	2.00	7.06	
<b>Total Xylenes*</b>	<b>3.96</b>	0.150	03/18/2022	ND	5.83	97.2	6.00	6.66	
<b>Total BTEX</b>	<b>4.30</b>	0.300	03/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 143 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>7600</b>	16.0	03/18/2022	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
<b>GRO C6-C10*</b>	<b>187</b>	10.0	03/18/2022	ND	203	102	200	7.62	
<b>DRO &gt;C10-C28*</b>	<b>2450</b>	10.0	03/18/2022	ND	199	99.6	200	11.5	
<b>EXT DRO &gt;C28-C36</b>	<b>343</b>	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 180 % 66.9-136

Surrogate: 1-Chlorooctadecane 248 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 4 VERTICAL @ 1 (H221033-16)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	03/21/2022	ND	1.95	97.4	2.00	6.57	
<b>Toluene*</b>	<b>5.95</b>	0.200	03/21/2022	ND	1.95	97.3	2.00	6.95	
<b>Ethylbenzene*</b>	<b>3.49</b>	0.200	03/21/2022	ND	1.87	93.5	2.00	7.06	
<b>Total Xylenes*</b>	<b>56.3</b>	0.600	03/21/2022	ND	5.83	97.2	6.00	6.66	
<b>Total BTEX</b>	<b>65.7</b>	1.20	03/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 195 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>13900</b>	16.0	03/18/2022	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
<b>GRO C6-C10*</b>	<b>1810</b>	10.0	03/18/2022	ND	203	102	200	7.62	
<b>DRO &gt;C10-C28*</b>	<b>4780</b>	10.0	03/18/2022	ND	199	99.6	200	11.5	
<b>EXT DRO &gt;C28-C36</b>	<b>524</b>	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 244 % 66.9-136

Surrogate: 1-Chlorooctadecane 193 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 4 VERTICAL @ 2 (H221033-17)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2022	ND	1.95	97.4	2.00	6.57	
<b>Toluene*</b>	<b>0.747</b>	0.050	03/18/2022	ND	1.95	97.3	2.00	6.95	
<b>Ethylbenzene*</b>	<b>0.743</b>	0.050	03/18/2022	ND	1.87	93.5	2.00	7.06	
<b>Total Xylenes*</b>	<b>12.4</b>	0.150	03/18/2022	ND	5.83	97.2	6.00	6.66	
<b>Total BTEX</b>	<b>13.9</b>	0.300	03/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 277 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>9600</b>	16.0	03/18/2022	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
<b>GRO C6-C10*</b>	<b>671</b>	10.0	03/18/2022	ND	203	102	200	7.62	
<b>DRO &gt;C10-C28*</b>	<b>2710</b>	10.0	03/18/2022	ND	199	99.6	200	11.5	
<b>EXT DRO &gt;C28-C36</b>	<b>311</b>	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 189 % 66.9-136

Surrogate: 1-Chlorooctadecane 171 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 4 VERTICAL @ 3 (H221033-18)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.086</b>	0.050	03/21/2022	ND	1.95	97.4	2.00	6.57	
<b>Toluene*</b>	<b>2.85</b>	0.050	03/21/2022	ND	1.95	97.3	2.00	6.95	
<b>Ethylbenzene*</b>	<b>0.672</b>	0.050	03/21/2022	ND	1.87	93.5	2.00	7.06	
<b>Total Xylenes*</b>	<b>12.4</b>	0.150	03/21/2022	ND	5.83	97.2	6.00	6.66	
<b>Total BTEX</b>	<b>16.0</b>	0.300	03/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 144 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>19400</b>	16.0	03/18/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>366</b>	100	03/21/2022	ND	203	102	200	7.62	
<b>DRO &gt;C10-C28*</b>	<b>18900</b>	100	03/21/2022	ND	199	99.6	200	11.5	
<b>EXT DRO &gt;C28-C36</b>	<b>2830</b>	100	03/21/2022	ND					

Surrogate: 1-Chlorooctane 188 % 66.9-136

Surrogate: 1-Chlorooctadecane 613 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 4 VERTICAL @ 4 (H221033-19)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2022	ND	1.95	97.4	2.00	6.57	
Toluene*	<0.050	0.050	03/18/2022	ND	1.95	97.3	2.00	6.95	
Ethylbenzene*	<0.050	0.050	03/18/2022	ND	1.87	93.5	2.00	7.06	
Total Xylenes*	<0.150	0.150	03/18/2022	ND	5.83	97.2	6.00	6.66	
Total BTEX	<0.300	0.300	03/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>640</b>	16.0	03/18/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2022	ND	203	102	200	7.62	
<b>DRO &gt;C10-C28*</b>	<b>106</b>	10.0	03/21/2022	ND	199	99.6	200	11.5	
<b>EXT DRO &gt;C28-C36</b>	<b>11.4</b>	10.0	03/21/2022	ND					

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 4 VERTICAL @ 5 (H221033-20)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2022	ND	2.14	107	2.00	0.855	
Toluene*	<0.050	0.050	03/18/2022	ND	2.14	107	2.00	1.08	
Ethylbenzene*	<0.050	0.050	03/18/2022	ND	2.17	108	2.00	2.21	
Total Xylenes*	<0.150	0.150	03/18/2022	ND	6.64	111	6.00	1.50	
Total BTEX	<0.300	0.300	03/18/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>4480</b>	16.0	03/18/2022	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	03/18/2022	ND	203	102	200	7.62		
<b>DRO &gt;C10-C28*</b>	<b>88.9</b>	10.0	03/18/2022	ND	199	99.6	200	11.5		
<b>EXT DRO &gt;C28-C36</b>	<b>16.6</b>	10.0	03/18/2022	ND						

Surrogate: 1-Chlorooctane 146 % 66.9-136

Surrogate: 1-Chlorooctadecane 166 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 5 VERTICAL @ 1 (H221033-21)**

BTEX 8021B		mg/kg		Analyzed By: MS\				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.200	0.200	03/19/2022	ND	2.19	109	2.00	1.85	QM-07, QR-03	
<b>Toluene*</b>	<b>11.7</b>	0.200	03/19/2022	ND	2.17	109	2.00	1.18	QM-07, QR-03	
<b>Ethylbenzene*</b>	<b>4.52</b>	0.200	03/19/2022	ND	2.17	108	2.00	1.48	QM-07, QR-03	
<b>Total Xylenes*</b>	<b>90.5</b>	0.600	03/19/2022	ND	6.67	111	6.00	1.72	QM-07, QR-03	
<b>Total BTEX</b>	<b>107</b>	1.20	03/19/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 259 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>5840</b>	16.0	03/18/2022	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	
<b>GRO C6-C10*</b>	<b>3560</b>	10.0	03/18/2022	ND	203	102	200	7.62		
<b>DRO &gt;C10-C28*</b>	<b>6840</b>	10.0	03/18/2022	ND	199	99.6	200	11.5		
<b>EXT DRO &gt;C28-C36</b>	<b>694</b>	10.0	03/18/2022	ND						

Surrogate: 1-Chlorooctane 311 % 66.9-136

Surrogate: 1-Chlorooctadecane 209 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 5 VERTICAL @ 2 (H221033-22)**

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	03/19/2022	ND	2.19	109	2.00	1.85	
Toluene*	<0.050	0.050	03/19/2022	ND	2.17	109	2.00	1.18	
Ethylbenzene*	<0.050	0.050	03/19/2022	ND	2.17	108	2.00	1.48	
<b>Total Xylenes*</b>	<b>0.245</b>	0.150	03/19/2022	ND	6.67	111	6.00	1.72	
Total BTEX	<0.300	0.300	03/19/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1040</b>	16.0	03/18/2022	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	
<b>GRO C6-C10*</b>	<b>12.7</b>	10.0	03/18/2022	ND	203	102	200	7.62		
<b>DRO &gt;C10-C28*</b>	<b>293</b>	10.0	03/18/2022	ND	199	99.6	200	11.5		
<b>EXT DRO &gt;C28-C36</b>	<b>56.0</b>	10.0	03/18/2022	ND						

Surrogate: 1-Chlorooctane 145 % 66.9-136

Surrogate: 1-Chlorooctadecane 172 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 5 VERTICAL @ 3 (H221033-23)**

BTEX 8021B		mg/kg		Analyzed By: MS\				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.200	0.200	03/19/2022	ND	2.19	109	2.00	1.85		
<b>Toluene*</b>	<b>6.64</b>	0.200	03/19/2022	ND	2.17	109	2.00	1.18		
<b>Ethylbenzene*</b>	<b>2.89</b>	0.200	03/19/2022	ND	2.17	108	2.00	1.48		
<b>Total Xylenes*</b>	<b>67.3</b>	0.600	03/19/2022	ND	6.67	111	6.00	1.72		
<b>Total BTEX</b>	<b>76.9</b>	1.20	03/19/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 245 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>6240</b>	16.0	03/18/2022	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	
<b>GRO C6-C10*</b>	<b>2870</b>	10.0	03/18/2022	ND	203	102	200	7.62		
<b>DRO &gt;C10-C28*</b>	<b>6360</b>	10.0	03/18/2022	ND	199	99.6	200	11.5		
<b>EXT DRO &gt;C28-C36</b>	<b>632</b>	10.0	03/18/2022	ND						

Surrogate: 1-Chlorooctane 298 % 66.9-136

Surrogate: 1-Chlorooctadecane 216 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 5 VERTICAL @ 4 (H221033-24)**

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	03/19/2022	ND	2.19	109	2.00	1.85	
Toluene*	<0.050	0.050	03/19/2022	ND	2.17	109	2.00	1.18	
Ethylbenzene*	<0.050	0.050	03/19/2022	ND	2.17	108	2.00	1.48	
<b>Total Xylenes*</b>	<b>0.272</b>	0.150	03/19/2022	ND	6.67	111	6.00	1.72	
Total BTEX	<0.300	0.300	03/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>560</b>	16.0	03/18/2022	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	
<b>GRO C6-C10*</b>	<b>13.0</b>	10.0	03/18/2022	ND	203	102	200	7.62		
<b>DRO &gt;C10-C28*</b>	<b>265</b>	10.0	03/18/2022	ND	199	99.6	200	11.5		
<b>EXT DRO &gt;C28-C36</b>	<b>68.4</b>	10.0	03/18/2022	ND						

Surrogate: 1-Chlorooctane 142 % 66.9-136

Surrogate: 1-Chlorooctadecane 169 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: DF - 5 VERTICAL @ 5 (H221033-25)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	03/19/2022	ND	2.19	109	2.00	1.85	
<b>Toluene*</b>	<b>2.85</b>	0.200	03/19/2022	ND	2.17	109	2.00	1.18	
<b>Ethylbenzene*</b>	<b>1.10</b>	0.200	03/19/2022	ND	2.17	108	2.00	1.48	
<b>Total Xylenes*</b>	<b>19.1</b>	0.600	03/19/2022	ND	6.67	111	6.00	1.72	
<b>Total BTEX</b>	<b>23.1</b>	1.20	03/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3080</b>	16.0	03/18/2022	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	
<b>GRO C6-C10*</b>	<b>507</b>	10.0	03/18/2022	ND	203	102	200	7.62		
<b>DRO &gt;C10-C28*</b>	<b>5550</b>	10.0	03/18/2022	ND	199	99.6	200	11.5		
<b>EXT DRO &gt;C28-C36</b>	<b>1010</b>	10.0	03/18/2022	ND						

Surrogate: 1-Chlorooctane 172 % 66.9-136

Surrogate: 1-Chlorooctadecane 221 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: SR - 8 VERTICAL @ 6 (H221033-26)**

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2022	ND	2.19	109	2.00	1.85		
Toluene*	<0.050	0.050	03/19/2022	ND	2.17	109	2.00	1.18		
Ethylbenzene*	<0.050	0.050	03/19/2022	ND	2.17	108	2.00	1.48		
Total Xylenes*	<0.150	0.150	03/19/2022	ND	6.67	111	6.00	1.72		
Total BTEX	<0.300	0.300	03/19/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>656</b>	16.0	03/18/2022	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	03/18/2022	ND	203	102	200	7.62			
<b>DRO &gt;C10-C28*</b>	<b>41.4</b>	10.0	03/18/2022	ND	199	99.6	200	11.5			
<b>EXT DRO &gt;C28-C36</b>	<b>36.8</b>	10.0	03/18/2022	ND							

Surrogate: 1-Chlorooctane 145 % 66.9-136

Surrogate: 1-Chlorooctadecane 162 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: CW - 1 S @ 2 (H221033-27)**

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2022	ND	2.19	109	2.00	1.85		
Toluene*	<0.050	0.050	03/19/2022	ND	2.17	109	2.00	1.18		
Ethylbenzene*	<0.050	0.050	03/19/2022	ND	2.17	108	2.00	1.48		
Total Xylenes*	<0.150	0.150	03/19/2022	ND	6.67	111	6.00	1.72		
Total BTEX	<0.300	0.300	03/19/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>224</b>	16.0	03/18/2022	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	03/18/2022	ND	203	102	200	7.62			
DRO >C10-C28*	<10.0	10.0	03/18/2022	ND	199	99.6	200	11.5			
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND							

Surrogate: 1-Chlorooctane 132 % 66.9-136

Surrogate: 1-Chlorooctadecane 147 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: CW - 3 S @ 3 (H221033-28)**

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2022	ND	2.19	109	2.00	1.85		
Toluene*	<0.050	0.050	03/19/2022	ND	2.17	109	2.00	1.18		
Ethylbenzene*	<0.050	0.050	03/19/2022	ND	2.17	108	2.00	1.48		
Total Xylenes*	<0.150	0.150	03/19/2022	ND	6.67	111	6.00	1.72		
Total BTEX	<0.300	0.300	03/19/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>320</b>	16.0	03/18/2022	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	03/18/2022	ND	203	102	200	7.62			
<b>DRO &gt;C10-C28*</b>	<b>38.6</b>	10.0	03/18/2022	ND	199	99.6	200	11.5			
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND							

Surrogate: 1-Chlorooctane 135 % 66.9-136

Surrogate: 1-Chlorooctadecane 151 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/14/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE -LEA CO NM		

**Sample ID: CW - 4 S @ 3 (H221033-29)**

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2022	ND	2.19	109	2.00	1.85		
Toluene*	<0.050	0.050	03/19/2022	ND	2.17	109	2.00	1.18		
Ethylbenzene*	<0.050	0.050	03/19/2022	ND	2.17	108	2.00	1.48		
Total Xylenes*	<0.150	0.150	03/19/2022	ND	6.67	111	6.00	1.72		
Total BTEX	<0.300	0.300	03/19/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	03/18/2022	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	03/18/2022	ND	203	102	200	7.62			
DRO >C10-C28*	<10.0	10.0	03/18/2022	ND	199	99.6	200	11.5			
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND							

Surrogate: 1-Chlorooctane 131 % 66.9-136

Surrogate: 1-Chlorooctadecane 149 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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

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

Company Name: Trinity Oilfield Services **BILL TO** ANALYSIS REQUEST

Project Manager: Dan Dunkelberg P.O. #:   
 Address: 8426 N Dal Paso Company: Mewbourne Oil Co.   
 City: Hobbs State: NM Zip: 88241 Attn: Robbie Rummels   
 Project #: Fax #: Address:   
 Project Name: Paduca 7/6 Project Owner: (see below) City:   
 Project Location: Eddy Co., NM dan@trinityoilfieldservices.com State: Zip:   
 Sampler Name: RS Phone #: Fax #:   
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	Chloride	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE					
1	DF-1 Vertical @1	G 1	X						3/14/2022	9:00	X	X	X
2	DF-1 Vertical @2	G 1	X						3/14/2022	9:05	X	X	X
3	DF-1 Vertical @3	G 1	X						3/14/2022	9:10	X	X	X
4	DF-1 Vertical @4	G 1	X						3/14/2022	9:15	X	X	X
5	DF-1 Vertical @5	G 1	X						3/14/2022	9:20	X	X	X
6	DF-2 Vertical @1	G 1	X						3/14/2022	9:25	X	X	X
7	DF-2 Vertical @2	G 1	X						3/14/2022	9:30	X	X	X
8	DF-2 Vertical @3	G 1	X						3/14/2022	9:35	X	X	X
9	DF-2 Vertical @4	G 1	X						3/14/2022	9:40	X	X	X
10	DF-2 Vertical @5	G 1	X						3/14/2022	9:45	X	X	X

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *[Signature]* Received By: *[Signature]* Verbal Result:  Yes  No Add'l Phone #:   
 Date: 3-16-22 Time: 0950 All Results are emailed. Please provide Email address:   
 Date: Received By: REMARKS:

Delivered By: (Circle One) Observed Temp. °C: 0.7 Sample Condition:  Cool Intact  No  No CHECKED BY: (Initials) *[Initials]* Turnaround Time: Standard  X Bacteria (only) Sample Condition:  Cool  Intact  Yes  No  No  No   
 Corrected Temp. °C: 0.2 Thermometer ID #113 Correction Factor -0.5 °C  Yes  No  No  No   
 Sampler - UPS - Bus - Other:  Yes  No  No  No  No   
 Corrected Temp. °C:  Yes  No  No  No  No

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



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

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

Company Name: Trinity Oilfield Services		P.O. #:		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>					
Project Manager: Dan Dunkelberg		Company: Mendocaine Oil Co.									
Address: 8426 N Dal Paso		Attn: Robbie Rummels									
City: Hobbs		State: NM Zip: 88241									
Phone #: _____		Project Owner: (see below)									
Project #: _____		City: _____									
Project Name: Paduca 7/6		State: _____ Zip: _____									
Project Location: Eddy Co., NM		Phone #: _____									
Sampler Name: RS		Fax #: _____									
<small>FOR LAB USE ONLY</small>											
Lab I.D. <span style="color: blue; font-size: 1.2em;">H221033</span>		Sample I.D.		(G)GRAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER	
								SOIL		OIL	
11		DF-3 Vertical @1		G 1		1					
12		DF-3 Vertical @2		G 1		1					
13		DF-3 Vertical @3		G 1		1					
14		DF-3 Vertical @4		G 1		1					
15		DF-3 Vertical @5		G 1		1					
16		DF-4 Vertical @1		G 1		1					
17		DF-4 Vertical @2		G 1		1					
18		DF-4 Vertical @3		G 1		1					
19		DF-4 Vertical @4		G 1		1					
20		DF-4 Vertical @5		G 1		1					
<p><small>PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other causes whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated remedies or otherwise.</small></p>											
Relinquished By: _____		Date: 3-14-22		Received By: _____		Date: 3/14/2022		Time: 10:35		Chloride	
_____		Time: 0950		_____		Time: _____		_____		TPH	
_____		_____		_____		_____		_____		BTEX	
Delivered By: (Circle One)		Observed Temp. °C: 0.7		Sample Condition		CHECKED BY: (Initials)		Turnaround Time:		Standard	
Sampler - UPS - Bus - Other:		Corrected Temp. °C: 0.2		Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		_____		_____		X	
				Other Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
				Thermometer ID #113							
				Correction Factor: -0.5 °C							
				Bacteria (only) Sample Condition							
				Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
				Observed Temp. °C							
				Corrected Temp. °C							

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



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

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

Company Name: Trinity Oilfield Services		BILL TO		ANALYSIS REQUEST	
Project Manager: Dan Dunkelberg		P.O. #:			
Address: 8426 N Dal Paso		Company: Mewbourne Oil Co.			
City: Hobbs		Attn: Robbie Runnels			
State: NM Zip: 88241		Address:			
Phone #: _____		City:			
Project #: _____		State:			
Project Name: Paduca 7/6		Zip:			
Project Location: Eddy Co., NM		Phone #:			
Sampler Name: RS		Fax #:			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	Chloride	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE					
21	DF-5 Vertical @1	G 1	1	X					3/14/2022	10:40	X	X	X
22	DF-5 Vertical @2	G 1	1	X					3/14/2022	10:45	X	X	X
23	DF-5 Vertical @3	G 1	1	X					3/14/2022	10:50	X	X	X
24	DF-5 Vertical @4	G 1	1	X					3/14/2022	10:55	X	X	X
25	DF-5 Vertical @5	G 1	1	X					3/14/2022	11:00	X	X	X
26	SR-8 Vertical @6	C 1	1	X					3/14/2022	14:00	X	X	X
27	CW-1 S @2	C 1	1	X					3/14/2022	14:05	X	X	X
28	CW-3 S @3	C 1	1	X					3/14/2022	14:10	X	X	X
29	CW-4 S @3	C 1	1	X					3/14/2022	14:15	X	X	X

**PLEASE NOTE: Liability and Damages:** Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of data, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: \_\_\_\_\_

Received By: \_\_\_\_\_

Date: 3-16-22

Time: 0950

Verbal Result: \_\_\_\_\_ Yes \_\_\_\_\_ No

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

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

Delivered By: (Circle One) \_\_\_\_\_

Observed Temp. °C: 0.7

Corrected Temp. °C: 0.2

Sample Condition: Cool Intact  Yes  No

CHECKED BY: (Initials) \_\_\_\_\_

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

Thermometer ID #113

Correction Factor -0.5 °C

Standard  X

Bacteria (only) Sample Condition: Cool Intact  Yes  No

Observed Temp. °C: \_\_\_\_\_

Corrected Temp. °C: \_\_\_\_\_

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



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

---

March 22, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: PADUCA 7/6

Enclosed are the results of analyses for samples received by the laboratory on 03/16/22 15:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 11 VERTICAL @ 5' (H221055-01)**

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	03/21/2022	ND	2.10	105	2.00	1.78	
Toluene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.01	101	2.00	1.44	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.19	103	6.00	0.540	
Total BTEX	<0.300	0.300	03/21/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3840</b>	16.0	03/21/2022	ND	432	108	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	03/18/2022	ND	202	101	200	5.19		
<b>DRO &gt;C10-C28*</b>	<b>123</b>	10.0	03/18/2022	ND	238	119	200	16.7		
<b>EXT DRO &gt;C28-C36</b>	<b>20.0</b>	10.0	03/18/2022	ND						

Surrogate: 1-Chlorooctane 121 % 66.9-136

Surrogate: 1-Chlorooctadecane 159 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 12 VERTICAL @ 5' (H221055-02)**

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	03/21/2022	ND	2.10	105	2.00	1.78	
Toluene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.01	101	2.00	1.44	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.19	103	6.00	0.540	
Total BTEX	<0.300	0.300	03/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>624</b>	16.0	03/21/2022	ND	432	108	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	03/18/2022	ND	202	101	200	5.19		
<b>DRO &gt;C10-C28*</b>	<b>36.1</b>	10.0	03/18/2022	ND	238	119	200	16.7		
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND						

Surrogate: 1-Chlorooctane 123 % 66.9-136

Surrogate: 1-Chlorooctadecane 157 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 13 VERTICAL @ 5' (H221055-03)**

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	03/21/2022	ND	2.10	105	2.00	1.78		
Toluene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.73		
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.01	101	2.00	1.44		
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.19	103	6.00	0.540		
Total BTEX	<0.300	0.300	03/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>1410</b>	16.0	03/21/2022	ND	432	108	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	03/18/2022	ND	202	101	200	5.19			
<b>DRO &gt;C10-C28*</b>	<b>794</b>	10.0	03/18/2022	ND	238	119	200	16.7			
<b>EXT DRO &gt;C28-C36</b>	<b>87.8</b>	10.0	03/18/2022	ND							

Surrogate: 1-Chlorooctane 122 % 66.9-136

Surrogate: 1-Chlorooctadecane 165 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 14 VERTICAL @ 5' (H221055-04)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.78		
Toluene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.73		
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.01	101	2.00	1.44		
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.19	103	6.00	0.540		
Total BTEX	<0.300	0.300	03/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>2600</b>	16.0	03/21/2022	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	03/18/2022	ND	202	101	200	5.19		
<b>DRO &gt;C10-C28*</b>	<b>78.3</b>	10.0	03/18/2022	ND	238	119	200	16.7		
<b>EXT DRO &gt;C28-C36</b>	<b>17.7</b>	10.0	03/18/2022	ND						

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 137 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 15 VERTICAL @ 5' (H221055-05)**

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	03/21/2022	ND	2.10	105	2.00	1.78	
Toluene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.01	101	2.00	1.44	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.19	103	6.00	0.540	
Total BTEX	<0.300	0.300	03/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2720</b>	16.0	03/21/2022	ND	432	108	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	03/18/2022	ND	202	101	200	5.19		
<b>DRO &gt;C10-C28*</b>	<b>54.0</b>	10.0	03/18/2022	ND	238	119	200	16.7		
<b>EXT DRO &gt;C28-C36</b>	<b>10.4</b>	10.0	03/18/2022	ND						

Surrogate: 1-Chlorooctane 118 % 66.9-136

Surrogate: 1-Chlorooctadecane 150 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 16 VERTICAL @ 5' (H221055-06)**

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	03/21/2022	ND	2.10	105	2.00	1.78	
Toluene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.01	101	2.00	1.44	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.19	103	6.00	0.540	
Total BTEX	<0.300	0.300	03/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1380</b>	16.0	03/21/2022	ND	432	108	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	03/18/2022	ND	202	101	200	5.19		
<b>DRO &gt;C10-C28*</b>	<b>61.9</b>	10.0	03/18/2022	ND	238	119	200	16.7		
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND						

Surrogate: 1-Chlorooctane 116 % 66.9-136

Surrogate: 1-Chlorooctadecane 149 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 17 VERTICAL @ 5' (H221055-07)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.78	
Toluene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.01	101	2.00	1.44	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.19	103	6.00	0.540	
Total BTEX	<0.300	0.300	03/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>768</b>	16.0	03/21/2022	ND	432	108	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	03/18/2022	ND	202	101	200	5.19		
<b>DRO &gt;C10-C28*</b>	<b>112</b>	10.0	03/18/2022	ND	238	119	200	16.7		
<b>EXT DRO &gt;C28-C36</b>	<b>17.6</b>	10.0	03/18/2022	ND						

Surrogate: 1-Chlorooctane 119 % 66.9-136

Surrogate: 1-Chlorooctadecane 161 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 18 VERTICAL @ 5' (H221055-08)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.78	
Toluene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.01	101	2.00	1.44	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.19	103	6.00	0.540	
Total BTEX	<0.300	0.300	03/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>880</b>	16.0	03/21/2022	ND	432	108	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	03/18/2022	ND	202	101	200	5.19		
<b>DRO &gt;C10-C28*</b>	<b>202</b>	10.0	03/18/2022	ND	238	119	200	16.7		
<b>EXT DRO &gt;C28-C36</b>	<b>41.4</b>	10.0	03/18/2022	ND						

Surrogate: 1-Chlorooctane 124 % 66.9-136

Surrogate: 1-Chlorooctadecane 166 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 19 VERTICAL @ 5' (H221055-09)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.78	
Toluene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.01	101	2.00	1.44	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.19	103	6.00	0.540	
Total BTEX	<0.300	0.300	03/21/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1220</b>	16.0	03/21/2022	ND	432	108	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	03/19/2022	ND	202	101	200	5.19		
<b>DRO &gt;C10-C28*</b>	<b>172</b>	10.0	03/19/2022	ND	238	119	200	16.7		
<b>EXT DRO &gt;C28-C36</b>	<b>27.3</b>	10.0	03/19/2022	ND						

Surrogate: 1-Chlorooctane 122 % 66.9-136

Surrogate: 1-Chlorooctadecane 160 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 20 VERTICAL @ 5' (H221055-10)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.78	
Toluene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.01	101	2.00	1.44	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.19	103	6.00	0.540	
Total BTEX	<0.300	0.300	03/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1460</b>	16.0	03/21/2022	ND	432	108	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	03/19/2022	ND	202	101	200	5.19		
<b>DRO &gt;C10-C28*</b>	<b>82.9</b>	10.0	03/19/2022	ND	238	119	200	16.7		
<b>EXT DRO &gt;C28-C36</b>	<b>15.6</b>	10.0	03/19/2022	ND						

Surrogate: 1-Chlorooctane 114 % 66.9-136

Surrogate: 1-Chlorooctadecane 150 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 21 VERTICAL @ 5' (H221055-11)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.78	
Toluene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.01	101	2.00	1.44	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.19	103	6.00	0.540	
Total BTEX	<0.300	0.300	03/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1180</b>	16.0	03/21/2022	ND	432	108	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	03/19/2022	ND	202	101	200	5.19		
<b>DRO &gt;C10-C28*</b>	<b>123</b>	10.0	03/19/2022	ND	238	119	200	16.7		
<b>EXT DRO &gt;C28-C36</b>	<b>25.2</b>	10.0	03/19/2022	ND						

Surrogate: 1-Chlorooctane 120 % 66.9-136

Surrogate: 1-Chlorooctadecane 160 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 22 VERTICAL @ 5' (H221055-12)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.78	
Toluene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.01	101	2.00	1.44	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.19	103	6.00	0.540	
Total BTEX	<0.300	0.300	03/21/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1040</b>	16.0	03/21/2022	ND	432	108	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	03/19/2022	ND	202	101	200	5.19		
<b>DRO &gt;C10-C28*</b>	<b>396</b>	10.0	03/19/2022	ND	238	119	200	16.7		
<b>EXT DRO &gt;C28-C36</b>	<b>65.2</b>	10.0	03/19/2022	ND						

Surrogate: 1-Chlorooctane 117 % 66.9-136

Surrogate: 1-Chlorooctadecane 162 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 23 VERTICAL @ 5' (H221055-13)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.78	
Toluene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.01	101	2.00	1.44	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.19	103	6.00	0.540	
Total BTEX	<0.300	0.300	03/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>272</b>	16.0	03/21/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/19/2022	ND	202	101	200	5.19		
<b>DRO &gt;C10-C28*</b>	<b>30.8</b>	10.0	03/19/2022	ND	238	119	200	16.7		
<b>EXT DRO &gt;C28-C36</b>	<b>11.4</b>	10.0	03/19/2022	ND						

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 148 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 24 VERTICAL @ 5' (H221055-14)**

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	03/21/2022	ND	2.10	105	2.00	1.78	
Toluene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.01	101	2.00	1.44	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.19	103	6.00	0.540	
Total BTEX	<0.300	0.300	03/21/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1020</b>	16.0	03/21/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/19/2022	ND	202	101	200	5.19		
<b>DRO &gt;C10-C28*</b>	<b>263</b>	10.0	03/19/2022	ND	238	119	200	16.7		
<b>EXT DRO &gt;C28-C36</b>	<b>43.1</b>	10.0	03/19/2022	ND						

Surrogate: 1-Chlorooctane 114 % 66.9-136

Surrogate: 1-Chlorooctadecane 154 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SRW - 4 S @ 3' (H221055-15)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.78	
Toluene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.01	101	2.00	1.44	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.19	103	6.00	0.540	
Total BTEX	<0.300	0.300	03/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/21/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/19/2022	ND	202	101	200	5.19		
DRO >C10-C28*	<10.0	10.0	03/19/2022	ND	238	119	200	16.7		
EXT DRO >C28-C36	<10.0	10.0	03/19/2022	ND						

Surrogate: 1-Chlorooctane 119 % 66.9-136

Surrogate: 1-Chlorooctadecane 152 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SRW - 5 N @ 3' (H221055-16)**

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	03/21/2022	ND	2.10	105	2.00	1.78		
Toluene*	<0.050	0.050	03/21/2022	ND	2.10	105	2.00	1.73		
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.01	101	2.00	1.44		
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.19	103	6.00	0.540		
Total BTEX	<0.300	0.300	03/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	03/21/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	03/19/2022	ND	202	101	200	5.19			
DRO >C10-C28*	<10.0	10.0	03/19/2022	ND	238	119	200	16.7			
EXT DRO >C28-C36	<10.0	10.0	03/19/2022	ND							

Surrogate: 1-Chlorooctane 125 % 66.9-136

Surrogate: 1-Chlorooctadecane 156 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

---

### Notes and Definitions

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

---

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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

---

Celey D. Keene, Lab Director/Quality Manager







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

---

March 24, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: PADUCA 7/6

Enclosed are the results of analyses for samples received by the laboratory on 03/21/22 15:58.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/21/2022	Sampling Date:	03/21/2022
Reported:	03/24/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 25 @ 4' (H221113-01)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/23/2022	ND	1.87	93.3	2.00	2.33	
<b>Toluene*</b>	<b>0.094</b>	0.050	03/23/2022	ND	1.95	97.3	2.00	2.14	
<b>Ethylbenzene*</b>	<b>0.130</b>	0.050	03/23/2022	ND	1.91	95.3	2.00	2.02	
<b>Total Xylenes*</b>	<b>2.71</b>	0.150	03/23/2022	ND	5.92	98.7	6.00	1.96	
<b>Total BTEX</b>	<b>2.93</b>	0.300	03/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 154 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2000</b>	16.0	03/22/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>125</b>	10.0	03/23/2022	ND	195	97.4	200	19.5	
<b>DRO &gt;C10-C28*</b>	<b>1240</b>	10.0	03/23/2022	ND	205	103	200	9.20	
<b>EXT DRO &gt;C28-C36</b>	<b>116</b>	10.0	03/23/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/21/2022	Sampling Date:	03/21/2022
Reported:	03/24/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 26 @ 4' (H221113-02)**

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	03/23/2022	ND	1.87	93.3	2.00	2.33	
Toluene*	<0.050	0.050	03/23/2022	ND	1.95	97.3	2.00	2.14	
Ethylbenzene*	<0.050	0.050	03/23/2022	ND	1.91	95.3	2.00	2.02	
Total Xylenes*	<0.150	0.150	03/23/2022	ND	5.92	98.7	6.00	1.96	
Total BTEX	<0.300	0.300	03/23/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3600</b>	16.0	03/22/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2022	ND	195	97.4	200	19.5	
<b>DRO &gt;C10-C28*</b>	<b>87.5</b>	10.0	03/24/2022	ND	205	103	200	9.20	
<b>EXT DRO &gt;C28-C36</b>	<b>15.4</b>	10.0	03/24/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 122 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/21/2022	Sampling Date:	03/21/2022
Reported:	03/24/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 27 @ 4' (H221113-03)**

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	03/22/2022	ND	1.83	91.5	2.00	7.81	
Toluene*	<0.050	0.050	03/22/2022	ND	1.90	94.9	2.00	7.52	
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.83	91.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.71	95.2	6.00	7.95	
Total BTEX	<0.300	0.300	03/22/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>4000</b>	16.0	03/22/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2022	ND	195	97.4	200	19.5	
<b>DRO &gt;C10-C28*</b>	<b>47.6</b>	10.0	03/23/2022	ND	205	103	200	9.20	
<b>EXT DRO &gt;C28-C36</b>	<b>14.0</b>	10.0	03/23/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 123 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/21/2022	Sampling Date:	03/21/2022
Reported:	03/24/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 28 @ 5' (H221113-04)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2022	ND	1.83	91.5	2.00	7.81	
Toluene*	<0.050	0.050	03/22/2022	ND	1.90	94.9	2.00	7.52	
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.83	91.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.71	95.2	6.00	7.95	
Total BTEX	<0.300	0.300	03/22/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	03/22/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2022	ND	195	97.4	200	19.5	
DRO >C10-C28*	<10.0	10.0	03/23/2022	ND	205	103	200	9.20	
EXT DRO >C28-C36	<10.0	10.0	03/23/2022	ND					

Surrogate: 1-Chlorooctane 93.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/21/2022	Sampling Date:	03/21/2022
Reported:	03/24/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 29 @ 5' (H221113-05)**

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	03/22/2022	ND	1.83	91.5	2.00	7.81	
Toluene*	<0.050	0.050	03/22/2022	ND	1.90	94.9	2.00	7.52	
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.83	91.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.71	95.2	6.00	7.95	
Total BTEX	<0.300	0.300	03/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	03/22/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2022	ND	195	97.4	200	19.5	
DRO >C10-C28*	<10.0	10.0	03/23/2022	ND	205	103	200	9.20	
EXT DRO >C28-C36	<10.0	10.0	03/23/2022	ND					

Surrogate: 1-Chlorooctane 115 % 66.9-136

Surrogate: 1-Chlorooctadecane 125 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/21/2022	Sampling Date:	03/21/2022
Reported:	03/24/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 30 @ 5' (H221113-06)**

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	03/22/2022	ND	1.83	91.5	2.00	7.81	
Toluene*	<0.050	0.050	03/22/2022	ND	1.90	94.9	2.00	7.52	
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.83	91.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.71	95.2	6.00	7.95	
Total BTEX	<0.300	0.300	03/22/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>224</b>	16.0	03/22/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2022	ND	195	97.4	200	19.5	
<b>DRO &gt;C10-C28*</b>	<b>11.6</b>	10.0	03/23/2022	ND	205	103	200	9.20	
EXT DRO >C28-C36	<10.0	10.0	03/23/2022	ND					

Surrogate: 1-Chlorooctane 87.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.6 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/21/2022	Sampling Date:	03/21/2022
Reported:	03/24/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 31 @ 5' (H221113-07)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2022	ND	1.83	91.5	2.00	7.81	
Toluene*	<0.050	0.050	03/22/2022	ND	1.90	94.9	2.00	7.52	
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.83	91.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.71	95.2	6.00	7.95	
Total BTEX	<0.300	0.300	03/22/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	03/22/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2022	ND	195	97.4	200	19.5	
DRO >C10-C28*	157	10.0	03/23/2022	ND	205	103	200	9.20	
EXT DRO >C28-C36	26.1	10.0	03/23/2022	ND					

Surrogate: 1-Chlorooctane 94.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/21/2022	Sampling Date:	03/21/2022
Reported:	03/24/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 32 @ 5' (H221113-08)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2022	ND	1.83	91.5	2.00	7.81	
Toluene*	<0.050	0.050	03/22/2022	ND	1.90	94.9	2.00	7.52	
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.83	91.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.71	95.2	6.00	7.95	
Total BTEX	<0.300	0.300	03/22/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>480</b>	16.0	03/22/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2022	ND	195	97.4	200	19.5	
<b>DRO &gt;C10-C28*</b>	<b>88.3</b>	10.0	03/23/2022	ND	205	103	200	9.20	
<b>EXT DRO &gt;C28-C36</b>	<b>21.6</b>	10.0	03/23/2022	ND					

Surrogate: 1-Chlorooctane 99.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/21/2022	Sampling Date:	03/21/2022
Reported:	03/24/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SRW - 2 N @ 3' (H221113-09)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2022	ND	1.83	91.5	2.00	7.81	
<b>Toluene*</b>	<b>0.069</b>	0.050	03/22/2022	ND	1.90	94.9	2.00	7.52	
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.83	91.6	2.00	7.95	
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.71	95.2	6.00	7.95	
Total BTEX	<0.300	0.300	03/22/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>320</b>	16.0	03/22/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2022	ND	195	97.4	200	19.5	
<b>DRO &gt;C10-C28*</b>	<b>20.4</b>	10.0	03/23/2022	ND	205	103	200	9.20	
EXT DRO >C28-C36	<10.0	10.0	03/23/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 122 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

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

Company Name: Trinity Oilfield Services Project Manager: Dan Dunkelberg Address: 8426 N Dal Paso City: Hobbs State: NM Zip: 88241 Phone #: Fax #: Project #: Project Owner: (see below) dan@trinityoilfieldservices.com Project Location: Eddy Co., NM Project Name: RS Sampler Name: RS		P.O. #: Company: Mewbourne Oil Co. Attn: Robbie Runnels Address: City: State: Zip: Phone #: Fax #:	
<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>	
<p><small>PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small></p>			
Relinquished By: Date: 3-21-22 Time: 15:58 Received By: Date: Time:	Received By: Date: Time:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:	
Relinquished By: Date: Time:	Received By: Date: Time:	REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: 15.8 Corrected Temp. °C: 15.3 Sample Condition: Cool Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Checked By: (Initials) Turnaround Time: Thermometer ID #113 Correction Factor -0.5 °C	Standard <input checked="" type="checkbox"/> X <input type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition: Cool Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Observed Temp. °C: Corrected Temp. °C:	Turnaround Time: Thermometer ID #113 Correction Factor -0.5 °C Standard <input checked="" type="checkbox"/> X <input type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition: Cool Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Observed Temp. °C: Corrected Temp. °C:

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



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

---

March 30, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: PADUCA 7/6

Enclosed are the results of analyses for samples received by the laboratory on 03/25/22 14:05.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/25/2022	Sampling Date:	03/25/2022
Reported:	03/30/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 25 VERTICAL @ 5' (H221195-01)**

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	03/29/2022	ND	2.11	105	2.00	4.22	
Toluene*	<0.050	0.050	03/29/2022	ND	2.09	105	2.00	3.46	
Ethylbenzene*	<0.050	0.050	03/29/2022	ND	2.08	104	2.00	4.13	
Total Xylenes*	<0.150	0.150	03/29/2022	ND	6.43	107	6.00	3.98	
Total BTEX	<0.300	0.300	03/29/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>464</b>	16.0	03/29/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/29/2022	ND	196	97.9	200	4.21	
<b>DRO &gt;C10-C28*</b>	<b>110</b>	10.0	03/29/2022	ND	188	93.8	200	3.64	
<b>EXT DRO &gt;C28-C36</b>	<b>24.1</b>	10.0	03/29/2022	ND					

Surrogate: 1-Chlorooctane 98.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

**BILL TO**

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

**ANALYSIS REQUEST**

Company Name: Trinity Oilfield Services  
 Project Manager: Dan Dunkelberg  
 Address: 8426 N Dal Paso  
 City: Hobbs  
 State: NM Zip: 88241  
 Project #:   
 Project Name: Paduca 7/6  
 Project Location: Lea Co., NM  
 Sampler Name: RS  
 P.O. #:   
 Company: Mendouane Oil Co.  
 Attn: Robbie Runnels  
 Address:   
 City:   
 State:   
 Zip:   
 Project Owner: (see below)  
 dan@trinityoilfieldservices.com  
 Phone #:   
 Fax #:   
 MATRIX PRESERV. SAMPLING

**H221195**  
 Lab I.D. SR-25 Vertical @ 5'

Lab I.D.	SR-25 Vertical @ 5'	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	TPH	BTEX
		C 1				X							3/25/2022	9:25	X	X	X

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other causes whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *[Signature]* Date: 3-25-22 Time: 14:05  
 Received By: *[Signature]* Date:   
 Turnaround Time:   
 Standard  X   
 Rush    
 Bacteria (only) Sample Condition  
 Cool Intact  Yes  No   
 Observed Temp. °C   
 Corrected Temp. °C   
 Thermometer ID #113  
 Correction Factor -0.5 °C

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



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

---

April 28, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: PADUCA 7/6

Enclosed are the results of analyses for samples received by the laboratory on 04/26/22 13:15.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	04/26/2022	Sampling Date:	04/26/2022
Reported:	04/28/2022	Sampling Type:	Soil
Project Name:	PADUCA 7/6	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SRW - 6 N @ 3' (H221701-01)**

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	04/27/2022	ND	1.97	98.6	2.00	8.10	
Toluene*	<0.050	0.050	04/27/2022	ND	1.97	98.3	2.00	8.44	
Ethylbenzene*	<0.050	0.050	04/27/2022	ND	1.95	97.5	2.00	8.09	
Total Xylenes*	<0.150	0.150	04/27/2022	ND	6.06	101	6.00	8.12	
Total BTEX	<0.300	0.300	04/27/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/27/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/28/2022	ND	205	103	200	2.10	
DRO >C10-C28*	<10.0	10.0	04/28/2022	ND	190	95.2	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	04/28/2022	ND					

Surrogate: 1-Chlorooctane 93.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.7 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

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 LCS/D 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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

*Celey D. Keene*

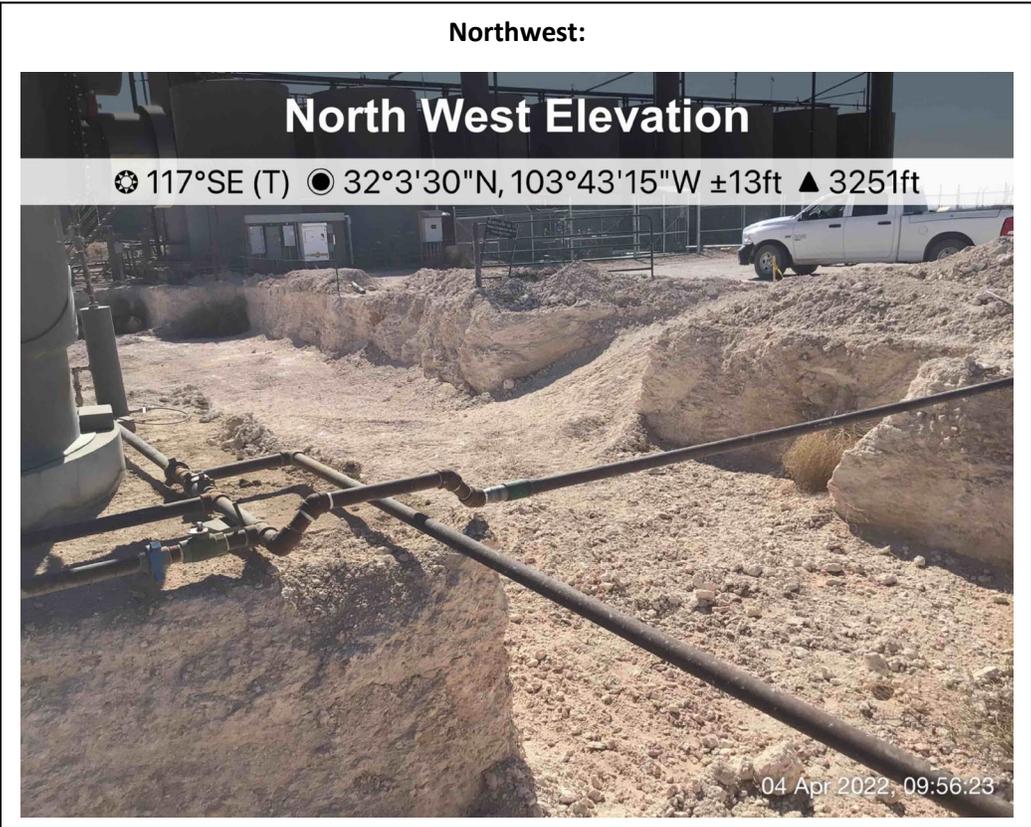
Celey D. Keene, Lab Director/Quality Manager





# Excavation

Northwest:



Northwest:





## Excavation

Southwest:



Southwest:





## Excavation

East:



East:



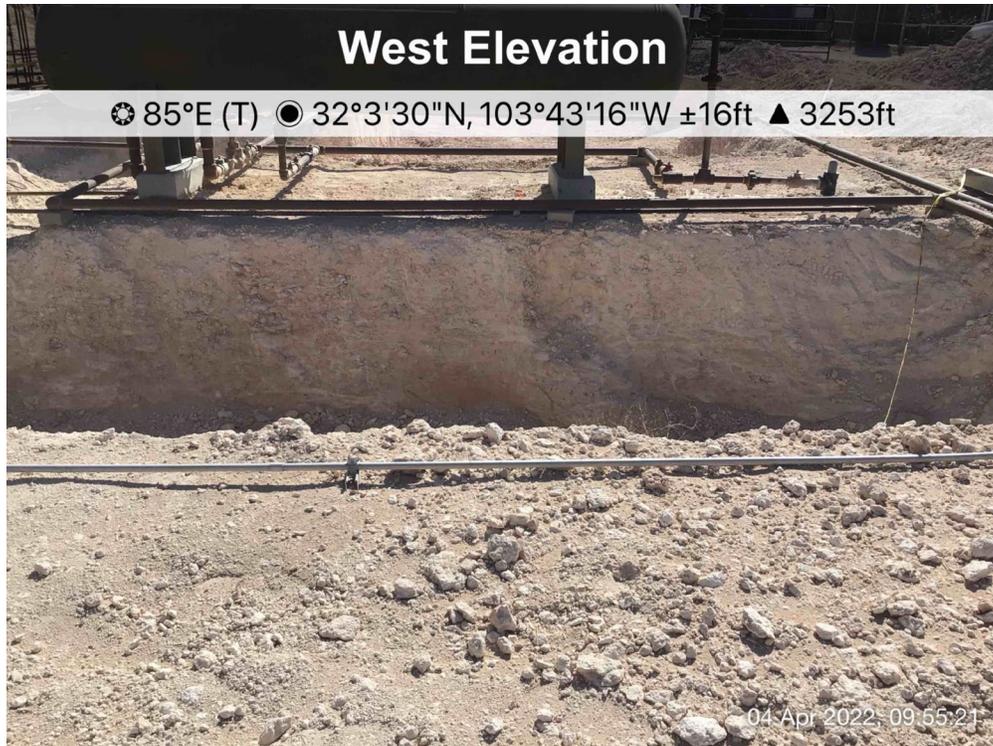


# Excavation

West:



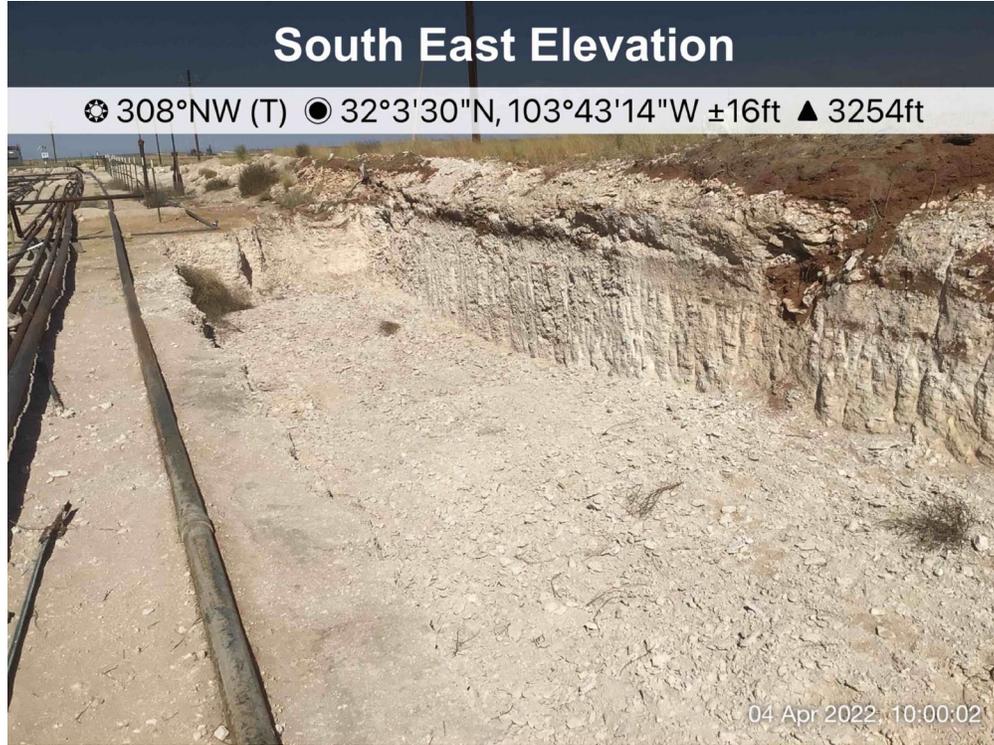
West:



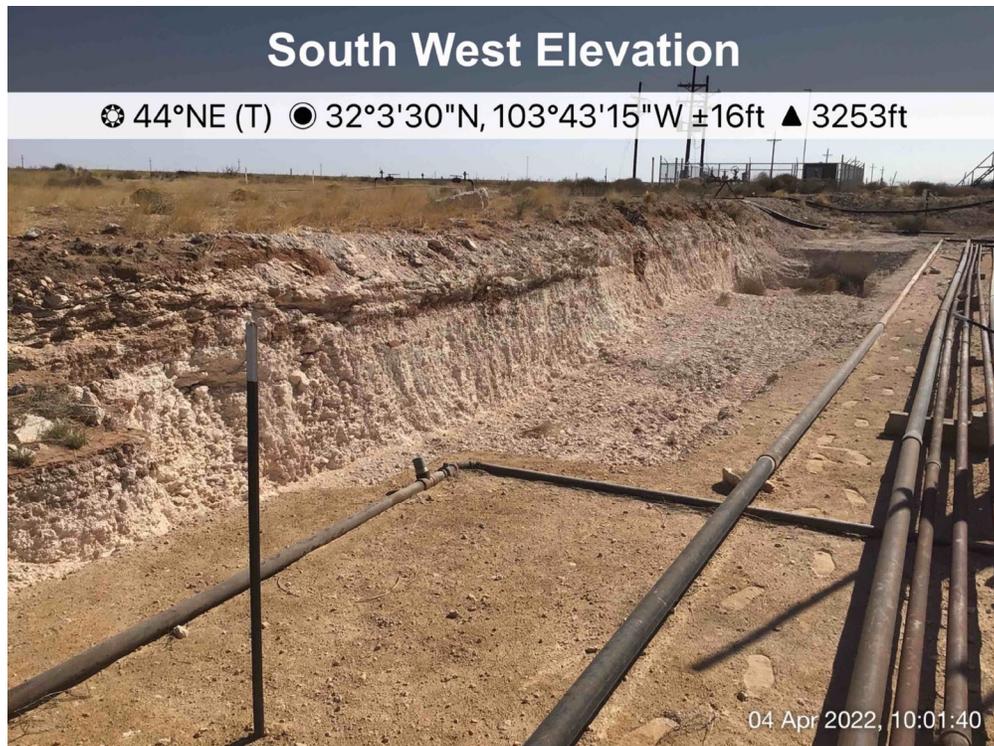


## Excavation

Southeast:



Southwest:





# Excavation

West:



Southwest:



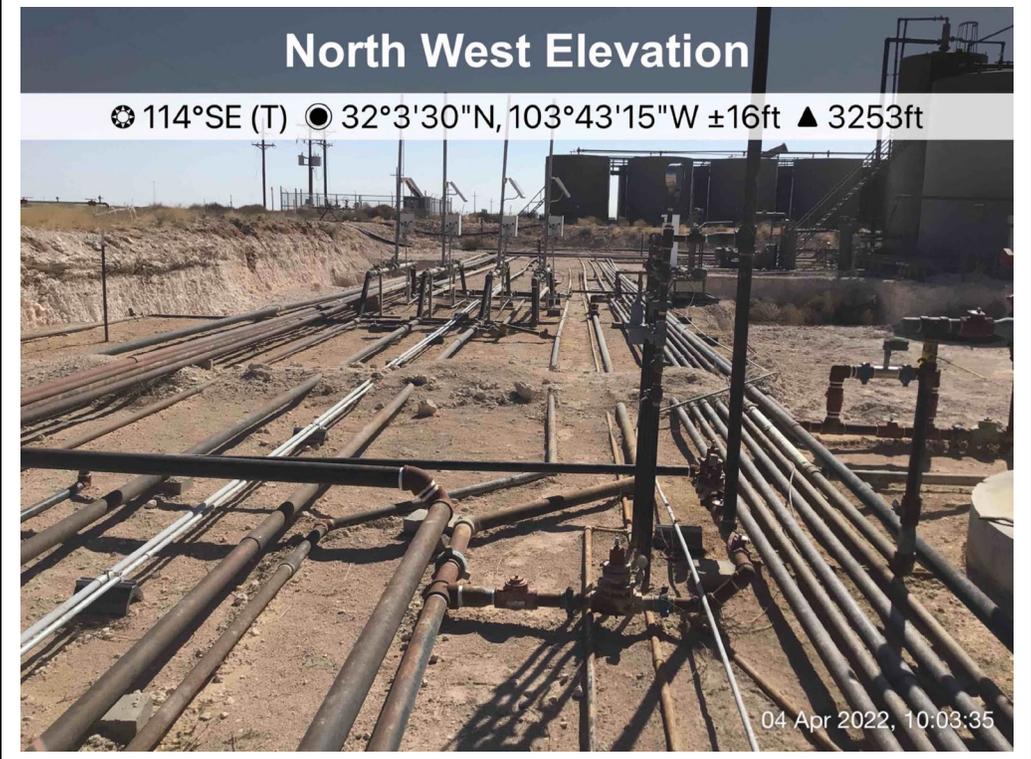


# Deferral

Northeast:



Northwest:



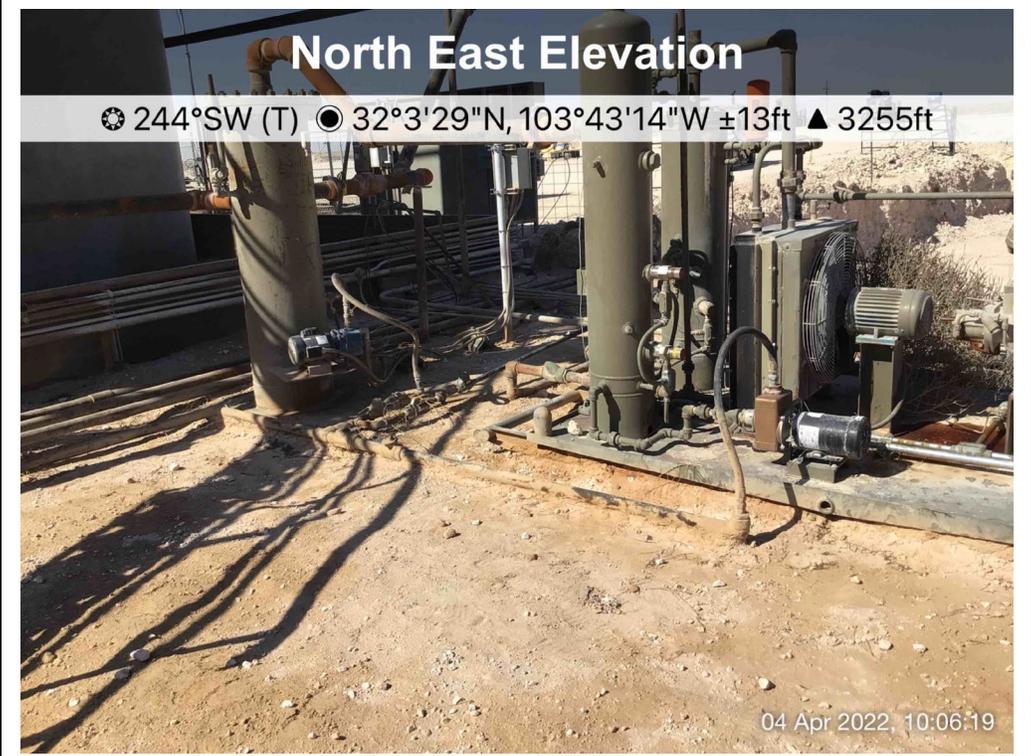


**Deferral**

**North:**



**Northeast:**



**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 103810

**CONDITIONS**

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 103810
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jnobui	Deferral Request Approved.	5/23/2022