

Incident ID	NAPP2210440709
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: Connor Walker Title: Sr. Engineer
Signature:  Date: 6/30/2022
email: cwalker@mewbourne.com Telephone: 806-202-5281

OCD Only

Received by: Robert Hamlet Date: 11/2/2022

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

Signature:  Date: 11/2/2022

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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>25</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

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Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Trinity Oilfield Services & Rentals, LLC



June 30, 2022

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

Re: **Request for Approval of Work Plan**
CWMS Yardbirds 34 W2NC SWD 6 Riser
Tracking #: NAPP2210440709

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

Site Information	
Incident ID	NAPP2210440709
Site Name	CWMS Yardbirds 34 W2NC SWD 6 Riser
Company	Mewbourne Oil Co.
County	Eddy County, NM
ULSTR	C-03-24S-28E
GPS Coordinates (NAD 83)	32.252732, -104.077369
Landowner	Private

RELEASE BACKGROUND

On 04/14/2022, Mewbourne reported a release at the CWMS Yardbirds 34 W2NC SWD 6 Riser. The release was caused when a poly riser failed and split. Approximately 97,600 ft² of the pasture was found to be damp upon initial inspection.

Release Information	
Date of Release	04/03/2022
Type of Release	Produced Water
Source of Release	Equipment Failure
Volume Released – Produced Water	Approximately 1,829 bbls
Volume Recovered – Produced Water	Approximately 600 bbls
Affected Area – Damp Soil	Pasture - Approximately 97,600 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 01240	10/14/1964	25
USGS	321536104043701	02/04/2003	25.43

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
Within 100 yr Floodplain	No
Pasture Impact	Yes

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

Closure Criteria:

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

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

INITIAL ASSESMENT AND PROPOSED REMEDIATION ACTIVITES

Initial Sample Activities:

Delineation Summary	
Delineation Dates	04/12/2022 – 04/20/2022
Vertical Delineation	Complete
Horizontal Delineation	Collect & Submit with Closure
Sample Locations	SP-1 – SP-41
Total Initial Samples	85
Depths Sampled	4 ft – 11 ft bgs.
Delineation Map	Figure 2
Laboratory Results	Table 1

A total of Forty-One (41) delineation sample points (SP-1 – SP-41) in the pasture were investigated to depths ranging between 4 ft. and 11 ft. bgs using a hand auger or backhoe. A total of Eighty-Five (85) 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.

Proposed Remediation Activities:

Remediation Proposal	
Proposed Remediation Dates	Within 90 days of OCD Approval
Liner Variance Request	None
Deferral Request	None
Proposed Depths Excavated	4 ft
Proposed 5-point Confirmation Sample Area – Floors and Walls	200 sqFt
Estimated Volume of Excavated Soil	25,000 yds
Proposed Remediation Map	Figure 3

Impacted soil within the release margins will be excavated and temporarily stockpiled on-site on a 6-mil plastic sheeting, pending final disposition. The floors of the excavated area will be advanced until laboratory analytical results from confirmation soil samples indicate Chloride, Benzene, BTEX, and TPH concentrations are below the NMOCD Closure Criteria listed in the Table above, and all walls will be advanced to meet reclamation standard. Confirmation soil samples (five-point composites representing no more than 200 ft² of the excavated area) will be collected from the floor and sidewalls.

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

SITE RECLAMATION AND RESTORATION

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

REQUEST FOR CLOSURE

Supporting Documentation	
C-141, pages 3-5	Signed and Attached
Depth to Groundwater Maps and Source	Attached
Site Location & Delineation Maps	Attached
US NWI Map	Attached
FEMA Flood Hazard Map	Attached
USDA Soil Survey	Attached
Laboratory Analytics with COCs	Attached

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

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

Sincerely,

Dan Dunkelberg

Dan Dunkelberg
Project Manager

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

MEWBOURNE OIL COMPANY
CWMS YARDBIRDS 34 W2NC SWD 6 RISER
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2210440709



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M					SM4500CI-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 ₆ -C ₁₀ (mg/Kg)	DRO C ₁₀ -C ₂₈ (mg/Kg)	GRO+ DRO (mg/kg)	MRO C ₂₈ -C ₃₆ (mg/Kg)	TPH C ₆ -C ₃₆ (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Closure Limits					10	NE	NE	NE	NE	NE	50	NE	NE	NE	NE	100	600
Vertical Delineation																	
SP - 1 @ 4'	4'	4/12/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3200
SP - 1 @ 8'	8'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SP - 2 @ 3'	3'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2840
SP - 2 @ 4'	4'	4/12/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SP - 3 @ 4'	4'	4/12/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1560
SP - 3 @ 8'	8'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SP - 4 @ 4'	4'	4/12/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2080
SP - 4 @ 6'	6'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
SP - 5 @ 4'	4'	4/14/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1400
SP - 5 @ 6'	6'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SP - 6 @ 4'	4'	4/12/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2600
SP - 6 @ 6'	6'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SP - 7 @ 4'	4'	4/14/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1230
SP - 7 @ 10'	10'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
SP - 8 @ 3'	3'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2000
SP - 8 @ 4'	4'	4/12/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SP - 9 @ 4'	4'	4/14/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5330
SP - 9 @ 7'	7'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	528
SP - 10 @ 4'	4'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4960
SP - 10 @ 6'	6'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SP - 11 @ 4'	4'	4/14/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5600
SP - 11 @ 6'	6'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
SP - 12 @ 4'	4'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP - 12 @ 8'	8'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
SP - 13 @ 4'	4'	4/14/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3360
SP - 13 @ 6'	6'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
SP - 14 @ 4'	4'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3680
SP - 14 @ 5'	5'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
SP - 15 @ 4'	4'	4/14/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1600
SP - 15 @ 10'	10'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SP - 16 @ 4'	4'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1960
SP - 16 @ 6'	6'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SP - 17 @ 3'	3'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1920
SP - 17 @ 4'	4'	4/18/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
SP - 18 @ 4'	4'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	10.4	10.4	<10.0	10.4	6320
SP - 18 @ 8'	8'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SP - 19 @ 4'	4'	4/18/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3320
SP - 19 @ 5'	5'	4/19/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
SP - 20 @ 4'	4'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SP - 20 @ 6'	6'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SP - 21 @ 4'	4'	4/18/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	12.0	12.0	<10.0	12.0	1070
SP - 21 @ 10'	10'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	10.4	10.4	<10.0	10.4	192
SP - 22 @ 4'	4'	4/18/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2640
SP - 22 @ 10'	10'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SP - 23 @ 4'	4'	4/18/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4320

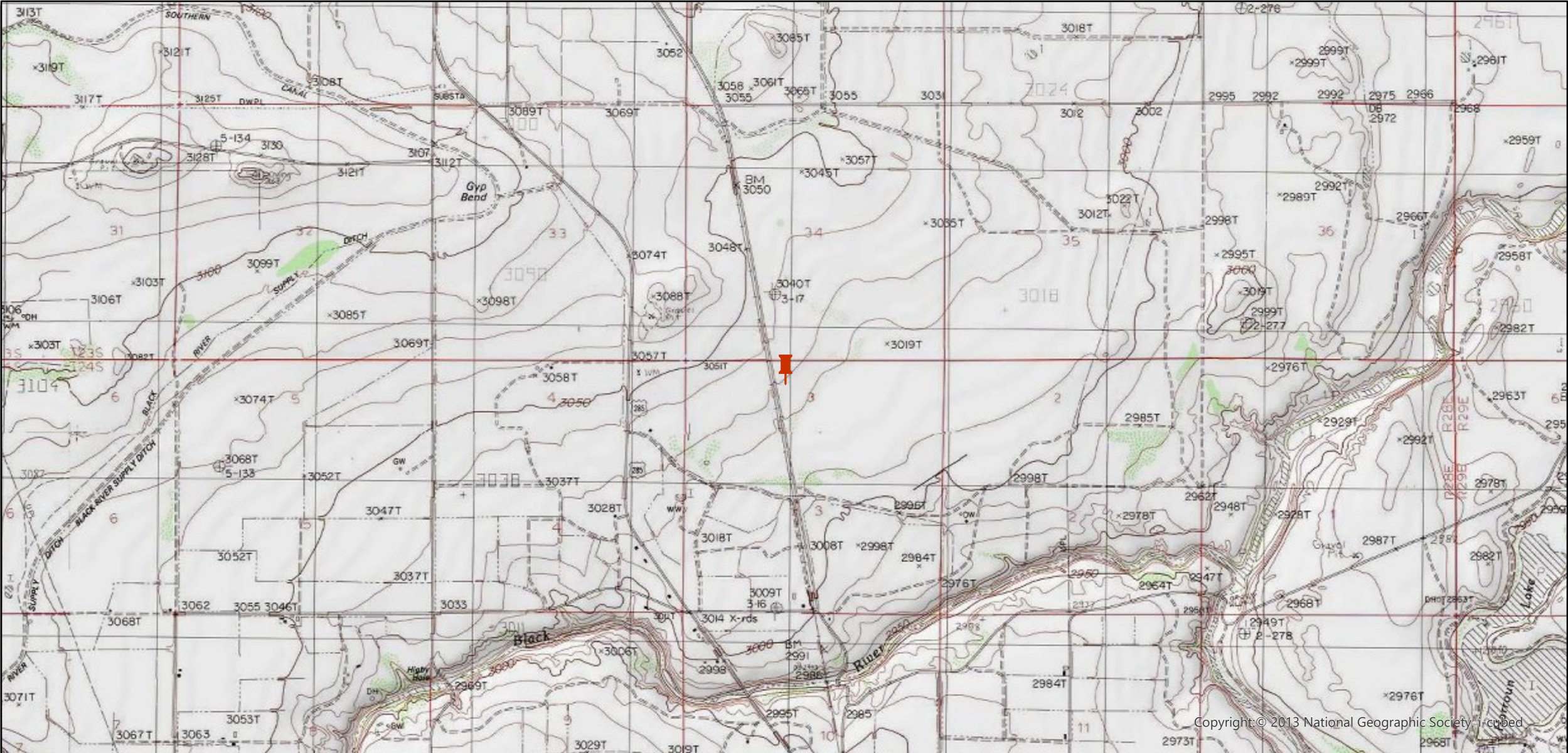


TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

MEWBOURNE OIL COMPANY
CWMS YARDBIRDS 34 W2NC SWD 6 RISER
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2210440709

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M					SM4500CI-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 ₆ -C ₁₀ (mg/Kg)	DRO C ₁₀ -C ₂₈ (mg/Kg)	GRO+ DRO (mg/Kg)	MRO C ₂₈ -C ₃₆ (mg/Kg)	TPH C ₆ -C ₃₆ (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Closure Limits					10	NE	NE	NE	NE	NE	50	NE	NE	NE	NE	100	600
Vertical Delineation																	
SP - 23 @ 10'	10'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SP - 24 @ 4'	4'	4/18/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6930
SP - 24 @ 10'	10'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SP - 25 @ 4'	4'	4/18/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	45.3	45.3	<10.0	45.3	160
SP - 25 @ 10'	10'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SP - 26 @ 4'	4'	4/18/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6260
SP - 26 @ 10'	10'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SP - 27 @ 8'	8'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SP - 28 @ 4'	4'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2920
SP - 28 @ 10'	10'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SP - 29 @ 4'	4'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3200
SP - 29 @ 10'	10'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SP - 30 @ 4'	4'	4/13/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4880
SP - 30 @ 8'	8'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP - 31 @ 4'	4'	4/13/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3240
SP - 31 @ 8'	8'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP - 32 @ 4'	4'	4/13/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7730
SP - 32 @ 8'	8'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP - 33 @ 4'	4'	4/13/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	32.6	32.6	<10.0	32.6	12600
SP - 33 @ 8'	8'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SP - 34 @ 4'	4'	4/13/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9200
SP - 34 @ 8'	8'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SP - 35 @ 4'	4'	4/13/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	14800
SP - 35 @ 8'	8'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SP - 36 @ 4'	4'	4/13/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3600
SP - 36 @ 8'	8'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SP - 37 @ 4'	4'	4/13/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	13800
SP - 37 @ 8'	8'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SP - 38 @ 4'	4'	4/13/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6660
SP - 38 @ 8'	8'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8530
SP - 38 @ 11'	11'	4/13/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP - 39 @ 4'	4'	4/13/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6000
SP - 39 @ 8'	8'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	11000
SP - 39 @ 11'	11'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SP - 40 @ 4'	4'	4/13/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	19200
SP - 40 @ 8'	8'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	10600
SP - 40 @ 11'	11'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SP - 41 @ 4'	4'	4/13/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2440
SP - 41 @ 8'	8'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	10800
SP - 41 @ 11'	11'	4/20/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0

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



Legend




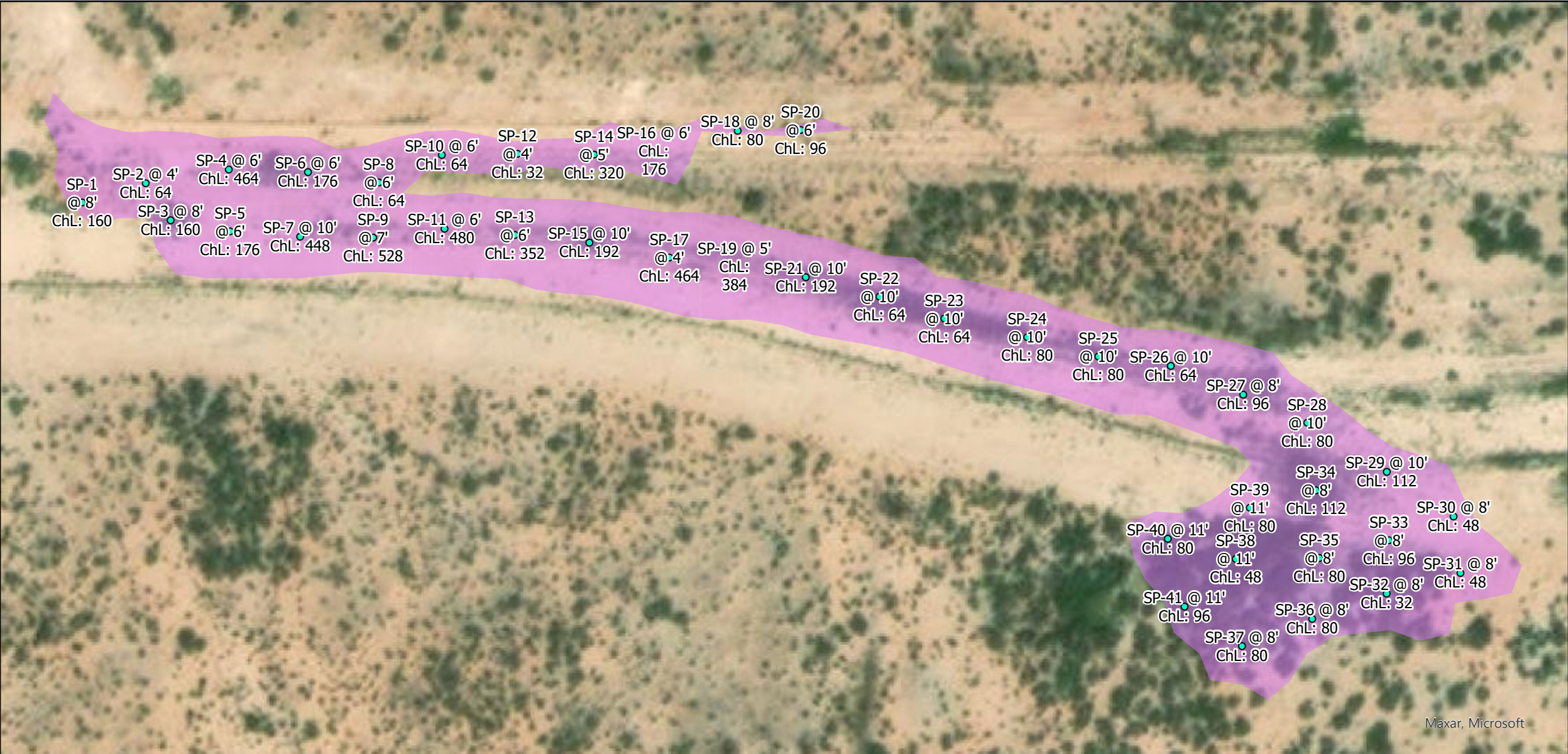
 Site Location

Figure 1
Site Location Map
Mewbourne Oil Co.
CWMS Yardbirds 34 W2NC SWD 6 Riser
Eddy County, New Mexico
NMOCD Reference # NAPP2210440709

0 0.47 0.95 1.9 Miles

 **TRINITY**
OILFIELD SERVICES

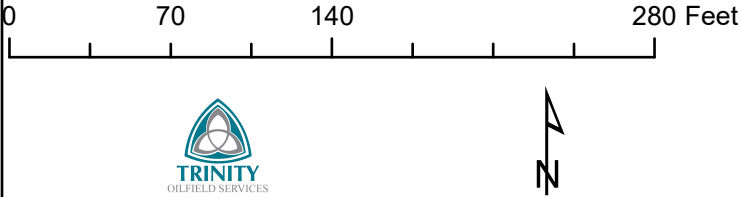




Legend

- Vertical Delineation
- Release Area

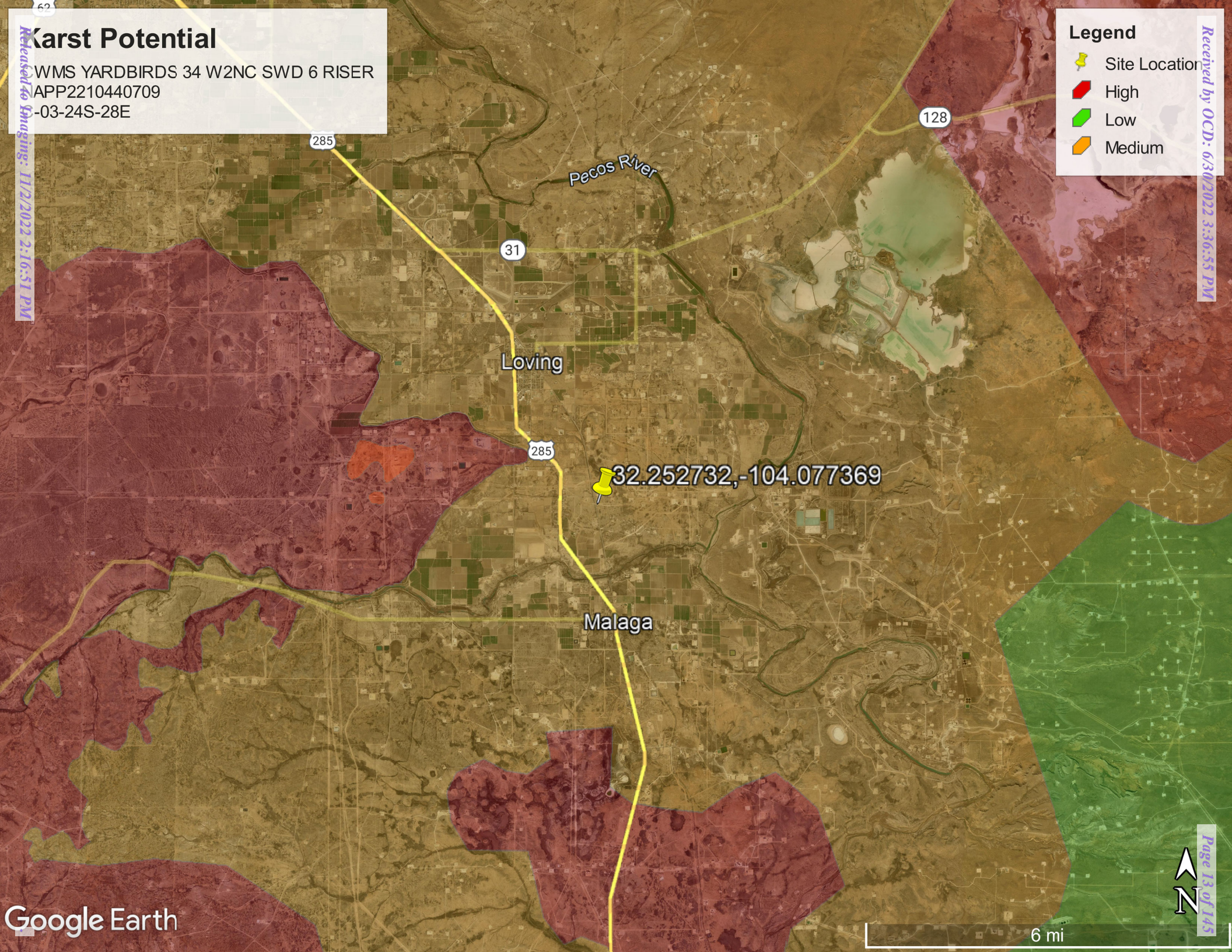
Figure 2
Initial Delineation Map
Mewbourne Oil Co.
CWMS Yardbirds 34 W2NC SWD 6 Riser
Eddy County, New Mexico
NMOCD Reference # NAPP2210440709



62
Karst Potential
WMS YARDBIRDS 34 W2NC SWD 6 RISER
APP2210440709
-03-24S-28E

Legend

- Site Location
- High
- Low
- Medium



Released for Imaging: 11/2/2022 2:16:51 PM

Received by OCD: 6/30/2022 3:36:55 PM



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
C 01240	C	ED		1	3	34	23S	28E		586494	3569592*	873	125	25	100
C 04337 POD1	CUB	ED		4	1	4	03	24S	28E	587317	3567907	1002	60		
C 00318	C	ED		2	4	4	34	23S	28E	587811	3569298*	1018	150		
C 00573	CUB	ED		2	2	4	04	24S	28E	586188	3568087*	1030	250	35	215
C 02306	C	ED		3	2	04	24S	28E		585690	3568382*	1296	75	25	50
C 01232	C	ED		2	3	1	34	23S	28E	586592	3570095*	1310	150		
C 01237	C	ED		1	1	2	10	24S	28E	587197	3567298*	1552	123		

Average Depth to Water: **28 feet**

Minimum Depth: **25 feet**

Maximum Depth: **35 feet**

Record Count: 7

UTM NAD83 Radius Search (in meters):

Easting (X): 586909.38

Northing (Y): 3568823.28

Radius: 1600

*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.

4/21/22 4:14 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater

Geographic Area:

United States

GO

Click to hideNews Bulletins

- Explore the NEW [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for the Nation

 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 321446104045301

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 321446104045301 24S.28E.04.422422

Eddy County, New Mexico
Latitude 32°14'46", Longitude 104°04'53" NAD27
Land-surface elevation 3,021 feet above NAVD88
The depth of the well is 250 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
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Released to Imaging: 11/2/2022 2:16:51 PM

Received by OCD: 6/30/2022 3:36:55 PM

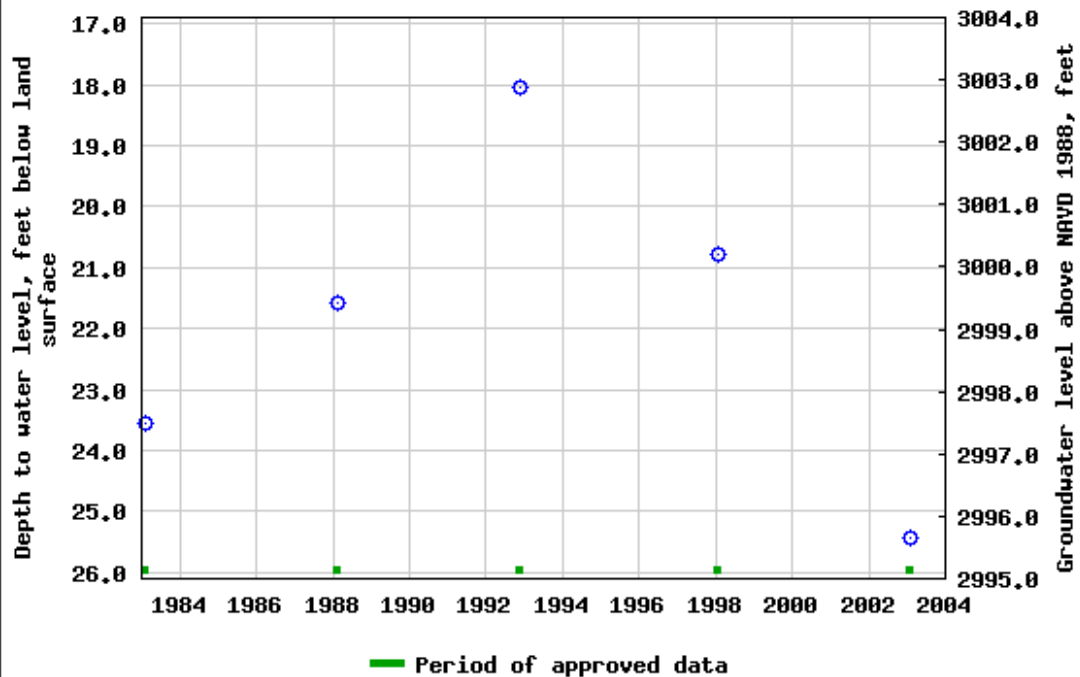
Page 16 of 145

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source of measurement	Water-level approval status
1988-02-12			D 62611		2999.43	NAVD88	1	Z			A
1992-11-20			D 62610		3001.37	NGVD29	1	S			A
1992-11-20			D 62611		3002.95	NAVD88	1	S			A
1992-11-20			D 72019	18.05			1	S			A
1998-01-23			D 62610		2998.65	NGVD29	1	S			A
1998-01-23			D 62611		3000.23	NAVD88	1	S			A
1998-01-23			D 72019	20.77			1	S			A
2003-02-04			D 62610		2993.99	NGVD29	1	S	USGS	S	A
2003-02-04			D 62611		2995.57	NAVD88	1	S	USGS	S	A
2003-02-04			D 72019	25.43			1	S	USGS	S	A

Explanation		
Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

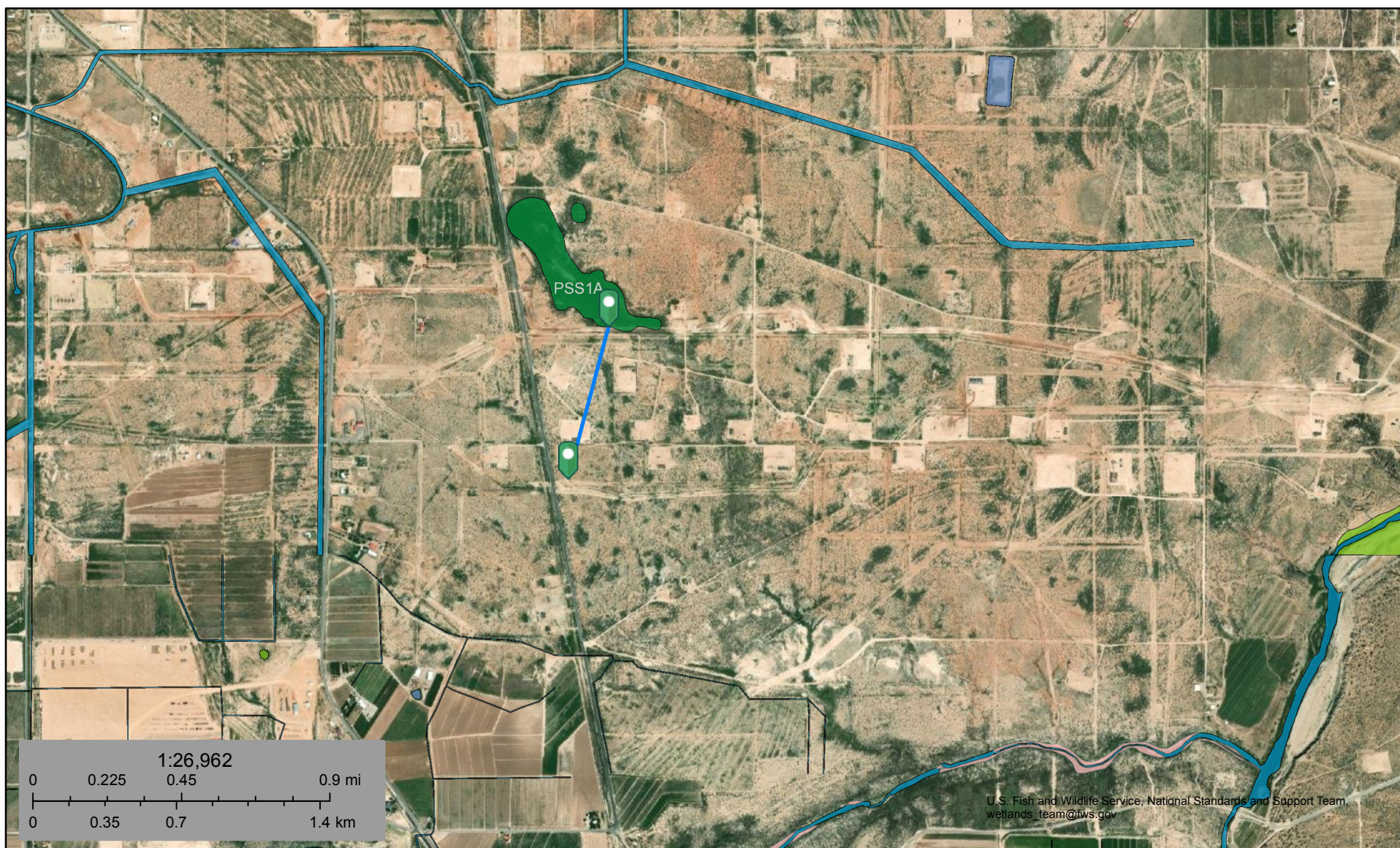


USGS 321446104045301 24S.28E.04.422422





NAPP2210440709 | CWMS YARDBIRDS 3



June 30, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

National Flood Hazard Layer FIRMette



104°4'57"W 32°15'25"N



Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/30/2022 at 10:52 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.

Released to Imaging: 11/2/2022 2:16:51 PM

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Soil Map—Eddy Area, New Mexico
(NAPP2210440709 | CWMS YARDBIRDS 34 W2NC SWD 6 RISER)



Natural Resources
Conservation Service


Web Soil Survey
National Cooperative Soil Survey

6/30/2022
Page 1 of 3

Soil Map—Eddy Area, New Mexico
(NAPP2210440709 | CWMS YARDBIRDS 34 W2NC SWD 6 RISER)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 17, Sep 12, 2021

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

Date(s) aerial images were photographed: Feb 27, 2020—Feb 28, 2020

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

Soil Map—Eddy Area, New Mexico

NAPP2210440709 | CWMS
YARDBIRDS 34 W2NC SWD 6
RISER

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Gs	Gypsum land-Cottonwood complex, 0 to 3 percent slopes	21.5	82.0%
Rv	Russler loam, 1 to 3 percent slopes	4.7	18.0%
Totals for Area of Interest		26.2	100.0%





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

April 26, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: YARDBIRDS 34 W2NC RISER

Enclosed are the results of analyses for samples received by the laboratory on 04/20/22 16:43.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 1 @ 8' (H221638-01)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.21	110	2.00	1.43	
Toluene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	2.73	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.09	105	2.00	2.20	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.50	108	6.00	2.41	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/22/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	199	99.6	200	4.90	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	200	99.9	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 99.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 2 @ 3' (H221638-02)

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	04/23/2022	ND	2.21	110	2.00	1.43	
Toluene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	2.73	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.09	105	2.00	2.20	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.50	108	6.00	2.41	
Total BTEx	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2840	16.0	04/22/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	199	99.6	200	4.90	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	200	99.9	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 3 @ 8' (H221638-03)

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	04/23/2022	ND	2.21	110	2.00	1.43	
Toluene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	2.73	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.09	105	2.00	2.20	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.50	108	6.00	2.41	
Total BTEx	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/22/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	199	99.6	200	4.90	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	200	99.9	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 92.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.4 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 4 @ 6' (H221638-04)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.21	110	2.00	1.43	
Toluene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	2.73	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.09	105	2.00	2.20	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.50	108	6.00	2.41	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	04/22/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	224	112	200	4.96	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	243	121	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 113 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 5 @ 6' (H221638-05)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.21	110	2.00	1.43	
Toluene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	2.73	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.09	105	2.00	2.20	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.50	108	6.00	2.41	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	04/22/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	224	112	200	4.96	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	243	121	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 6 @ 6' (H221638-06)

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	04/23/2022	ND	2.21	110	2.00	1.43	
Toluene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	2.73	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.09	105	2.00	2.20	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.50	108	6.00	2.41	
Total BTEX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/22/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	224	112	200	4.96	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	243	121	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 7 @ 10' (H221638-07)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.21	110	2.00	1.43	
Toluene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	2.73	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.09	105	2.00	2.20	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.50	108	6.00	2.41	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	04/22/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	224	112	200	4.96	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	243	121	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 8 @ 3' (H221638-08)

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	04/23/2022	ND	2.21	110	2.00	1.43	
Toluene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	2.73	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.09	105	2.00	2.20	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.50	108	6.00	2.41	
Total BTEx	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	04/22/2022	ND	432	108	400	3.77		

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	04/22/2022	ND	229	114	200	6.03	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	209	105	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 9 @ 7' (H221638-09)

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	04/23/2022	ND	2.21	110	2.00	1.43	
Toluene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	2.73	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.09	105	2.00	2.20	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.50	108	6.00	2.41	
Total BTEx	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	04/22/2022	ND	432	108	400	3.77	

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	04/22/2022	ND	229	114	200	6.03	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	209	105	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 88.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 10 @ 4' (H221638-10)

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	04/23/2022	ND	2.21	110	2.00	1.43		
Toluene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	2.73		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.09	105	2.00	2.20		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.50	108	6.00	2.41		
Total BTEx	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4960	16.0	04/22/2022	ND	432	108	400	3.77		

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	04/22/2022	ND	229	114	200	6.03	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	209	105	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 10 @ 6' (H221638-11)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	2.21	110	2.00	1.43		
Toluene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	2.73		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.09	105	2.00	2.20		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.50	108	6.00	2.41		
Total BTX	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/22/2022	ND	432	108	400	3.77		

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	04/23/2022	ND	229	114	200	6.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	209	105	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 98.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 11 @ 6' (H221638-12)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.21	110	2.00	1.43	
Toluene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	2.73	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.09	105	2.00	2.20	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.50	108	6.00	2.41	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	04/22/2022	ND	432	108	400	3.77		

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	04/23/2022	ND	229	114	200	6.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	209	105	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 97.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 12 @ 4' (H221638-13)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.21	110	2.00	1.43	
Toluene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	2.73	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.09	105	2.00	2.20	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.50	108	6.00	2.41	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/22/2022	ND	432	108	400	3.77		

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	04/23/2022	ND	229	114	200	6.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	209	105	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 92.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.5 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 12 @ 8' (H221638-14)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.21	110	2.00	1.43	
Toluene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	2.73	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.09	105	2.00	2.20	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.50	108	6.00	2.41	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	04/22/2022	ND	400	100	400	3.92		

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	04/23/2022	ND	229	114	200	6.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	209	105	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 94.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.8 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 13 @ 6' (H221638-15)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.21	110	2.00	1.43	
Toluene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	2.73	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.09	105	2.00	2.20	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.50	108	6.00	2.41	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	04/22/2022	ND	400	100	400	3.92	

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	04/23/2022	ND	229	114	200	6.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	209	105	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 95.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.6 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 14 @ 4' (H221638-16)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.21	110	2.00	1.43	
Toluene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	2.73	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.09	105	2.00	2.20	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.50	108	6.00	2.41	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3680	16.0	04/22/2022	ND	400	100	400	3.92		

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	04/23/2022	ND	229	114	200	6.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	209	105	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 99.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 14 @ 5' (H221638-17)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.21	110	2.00	1.43	
Toluene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	2.73	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.09	105	2.00	2.20	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.50	108	6.00	2.41	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	04/22/2022	ND	400	100	400	3.92		

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	04/23/2022	ND	229	114	200	6.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	209	105	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 90.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 15 @ 10' (H221638-18)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.21	110	2.00	1.43	
Toluene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	2.73	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.09	105	2.00	2.20	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.50	108	6.00	2.41	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/22/2022	ND	400	100	400	3.92	

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	04/23/2022	ND	229	114	200	6.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	209	105	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 119 % 66.9-136

Surrogate: 1-Chlorooctadecane 123 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 16 @ 4' (H221638-19)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.21	110	2.00	1.43	
Toluene*	<0.050	0.050	04/23/2022	ND	2.20	110	2.00	2.73	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.09	105	2.00	2.20	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.50	108	6.00	2.41	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1960	16.0	04/22/2022	ND	400	100	400	3.92		

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	04/23/2022	ND	229	114	200	6.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	209	105	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 90.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.2 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 16 @ 6' (H221638-20)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.24	112	2.00	2.23	
Toluene*	<0.050	0.050	04/23/2022	ND	2.22	111	2.00	2.96	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	106	2.00	2.40	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.56	109	6.00	2.21	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	04/22/2022	ND	400	100	400	3.92		

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	04/23/2022	ND	229	114	200	6.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	209	105	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 91.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 17 @ 3' (H221638-21)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.24	112	2.00	2.23	
Toluene*	<0.050	0.050	04/23/2022	ND	2.22	111	2.00	2.96	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	106	2.00	2.40	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.56	109	6.00	2.21	
Total BTEx	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1920	16.0	04/22/2022	ND	400	100	400	3.92		

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	04/23/2022	ND	229	114	200	6.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	209	105	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 94.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.5 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 18 @ 4' (H221638-22)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.24	112	2.00	2.23	
Toluene*	<0.050	0.050	04/23/2022	ND	2.22	111	2.00	2.96	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	106	2.00	2.40	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.56	109	6.00	2.21	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6320	16.0	04/22/2022	ND	400	100	400	3.92		

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	04/23/2022	ND	229	114	200	6.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	209	105	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 95.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 18 @ 8' (H221638-23)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.24	112	2.00	2.23	
Toluene*	<0.050	0.050	04/23/2022	ND	2.22	111	2.00	2.96	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	106	2.00	2.40	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.56	109	6.00	2.21	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/22/2022	ND	400	100	400	3.92		

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	04/23/2022	ND	229	114	200	6.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	209	105	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 93.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/19/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 19 @ 5' (H221638-24)

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	04/23/2022	ND	2.24	112	2.00	2.23	
Toluene*	<0.050	0.050	04/23/2022	ND	2.22	111	2.00	2.96	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	106	2.00	2.40	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.56	109	6.00	2.21	
Total BTEx	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	04/22/2022	ND	400	100	400	3.92		

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	04/23/2022	ND	229	114	200	6.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	209	105	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 89.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 20 @ 4' (H221638-25)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.24	112	2.00	2.23	
Toluene*	<0.050	0.050	04/23/2022	ND	2.22	111	2.00	2.96	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	106	2.00	2.40	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.56	109	6.00	2.21	
Total BTEx	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/22/2022	ND	400	100	400	3.92	

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	04/23/2022	ND	229	114	200	6.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	209	105	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 91.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.2 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 20 @ 6' (H221638-26)

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	04/23/2022	ND	2.24	112	2.00	2.23		
Toluene*	<0.050	0.050	04/23/2022	ND	2.22	111	2.00	2.96		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	106	2.00	2.40		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.56	109	6.00	2.21		
Total BTEx	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/22/2022	ND	400	100	400	3.92	

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	04/23/2022	ND	229	114	200	6.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	209	105	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 119 % 66.9-136

Surrogate: 1-Chlorooctadecane 125 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 21 @ 10' (H221638-27)

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	04/23/2022	ND	2.24	112	2.00	2.23		
Toluene*	<0.050	0.050	04/23/2022	ND	2.22	111	2.00	2.96		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	106	2.00	2.40		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.56	109	6.00	2.21		
Total BTEx	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/22/2022	ND	400	100	400	3.92	

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	04/23/2022	ND	229	114	200	6.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	209	105	200	8.37	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 88.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.9 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 22 @ 10' (H221638-28)

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	04/23/2022	ND	2.24	112	2.00	2.23	
Toluene*	<0.050	0.050	04/23/2022	ND	2.22	111	2.00	2.96	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	106	2.00	2.40	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.56	109	6.00	2.21	
Total BTEX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/22/2022	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	04/23/2022	ND	220	110	200	5.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	254	127	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 95.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 23 @ 10' (H221638-29)

BTX 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	2.24	112	2.00	2.23		
Toluene*	<0.050	0.050	04/23/2022	ND	2.22	111	2.00	2.96		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	106	2.00	2.40		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.56	109	6.00	2.21		
Total BTX	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/22/2022	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	04/23/2022	ND	220	110	200	5.03		
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	254	127	200	2.82		
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND						

Surrogate: 1-Chlorooctane 90.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 24 @ 10' (H221638-30)

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	04/23/2022	ND	2.24	112	2.00	2.23	
Toluene*	<0.050	0.050	04/23/2022	ND	2.22	111	2.00	2.96	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	106	2.00	2.40	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.56	109	6.00	2.21	
Total BTEx	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/22/2022	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	04/23/2022	ND	220	110	200	5.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	254	127	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 25 @ 10' (H221638-31)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.24	112	2.00	2.23	
Toluene*	<0.050	0.050	04/23/2022	ND	2.22	111	2.00	2.96	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	106	2.00	2.40	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.56	109	6.00	2.21	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/22/2022	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	04/23/2022	ND	220	110	200	5.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	254	127	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.6 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 26 @ 10' (H221638-32)

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	04/23/2022	ND	2.24	112	2.00	2.23	
Toluene*	<0.050	0.050	04/23/2022	ND	2.22	111	2.00	2.96	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	106	2.00	2.40	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.56	109	6.00	2.21	
Total BTEx	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/22/2022	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	04/23/2022	ND	220	110	200	5.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	254	127	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 91.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 27 @ 8' (H221638-33)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.24	112	2.00	2.23	
Toluene*	<0.050	0.050	04/23/2022	ND	2.22	111	2.00	2.96	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	106	2.00	2.40	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.56	109	6.00	2.21	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/22/2022	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	04/23/2022	ND	220	110	200	5.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	254	127	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 95.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 28 @ 4' (H221638-34)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.24	112	2.00	2.23	
Toluene*	<0.050	0.050	04/23/2022	ND	2.22	111	2.00	2.96	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	106	2.00	2.40	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.56	109	6.00	2.21	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2920	16.0	04/22/2022	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	04/23/2022	ND	220	110	200	5.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	254	127	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 96.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 28 @ 10' (H221638-35)

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	04/23/2022	ND	2.24	112	2.00	2.23		
Toluene*	<0.050	0.050	04/23/2022	ND	2.22	111	2.00	2.96		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	106	2.00	2.40		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.56	109	6.00	2.21		
Total BTEx	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/22/2022	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	04/23/2022	ND	220	110	200	5.03	
DRO >C10-C28*	10.4	10.0	04/23/2022	ND	254	127	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 91.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 29 @ 4' (H221638-36)

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	04/23/2022	ND	2.24	112	2.00	2.23	
Toluene*	<0.050	0.050	04/23/2022	ND	2.22	111	2.00	2.96	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	106	2.00	2.40	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.56	109	6.00	2.21	
Total BTEx	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3200	16.0	04/22/2022	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	04/23/2022	ND	220	110	200	5.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	254	127	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 91.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 29 @ 10' (H221638-37)

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	04/23/2022	ND	2.24	112	2.00	2.23		
Toluene*	<0.050	0.050	04/23/2022	ND	2.22	111	2.00	2.96		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	106	2.00	2.40		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.56	109	6.00	2.21		
Total BTEx	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/22/2022	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	04/23/2022	ND	220	110	200	5.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	254	127	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 87.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 30 @ 8' (H221638-38)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.24	112	2.00	2.23	
Toluene*	<0.050	0.050	04/23/2022	ND	2.22	111	2.00	2.96	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	106	2.00	2.40	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.56	109	6.00	2.21	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/22/2022	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	04/23/2022	ND	220	110	200	5.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	254	127	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.0 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 31 @ 8' (H221638-39)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.24	112	2.00	2.23	
Toluene*	<0.050	0.050	04/23/2022	ND	2.22	111	2.00	2.96	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	106	2.00	2.40	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.56	109	6.00	2.21	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/22/2022	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	04/23/2022	ND	220	110	200	5.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	254	127	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 94.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 32 @ 8' (H221638-40)

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	04/22/2022	ND	2.11	106	2.00	7.15		
Toluene*	<0.050	0.050	04/22/2022	ND	2.09	104	2.00	7.20		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.99	99.4	2.00	7.52		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.21	103	6.00	7.65		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/22/2022	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	04/23/2022	ND	220	110	200	5.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	254	127	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 96.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 33 @ 8' (H221638-41)

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	04/22/2022	ND	2.23	111	2.00	0.306		
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	111	2.00	0.261		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.71	112	6.00	1.11		
Total BTEx	<0.300	0.300	04/22/2022	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	96.0	16.0	04/22/2022	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	04/23/2022	ND	220	110	200	5.03	
DRO >C10-C28*	12.0	10.0	04/23/2022	ND	254	127	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 95.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 34 @ 8' (H221638-42)

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.23	111	2.00	0.306	
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	111	2.00	0.261	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	1.11	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.71	112	6.00	1.11	
Total BTX	<0.300	0.300	04/22/2022	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	112	16.0	04/22/2022	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	04/23/2022	ND	220	110	200	5.03	
DRO >C10-C28*	10.4	10.0	04/23/2022	ND	254	127	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 94.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 35 @ 8' (H221638-43)

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	04/22/2022	ND	2.23	111	2.00	0.306		
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	111	2.00	0.261		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.71	112	6.00	1.11		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/22/2022	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	04/23/2022	ND	220	110	200	5.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	254	127	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 95.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 36 @ 8' (H221638-44)

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	04/22/2022	ND	2.23	111	2.00	0.306		
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	111	2.00	0.261		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.71	112	6.00	1.11		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/22/2022	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	04/23/2022	ND	220	110	200	5.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	254	127	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 94.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 37 @ 8' (H221638-45)

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	04/22/2022	ND	2.23	111	2.00	0.306		
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	111	2.00	0.261		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.71	112	6.00	1.11		
Total BTEX	<0.300	0.300	04/22/2022	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	80.0	16.0	04/22/2022	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	04/23/2022	ND	220	110	200	5.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	254	127	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 92.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 38 @ 8' (H221638-46)

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	04/22/2022	ND	2.23	111	2.00	0.306		
Toluene*	<0.050	0.050	04/22/2022	ND	2.21	111	2.00	0.261		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.71	112	6.00	1.11		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8530	16.0	04/22/2022	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	04/23/2022	ND	220	110	200	5.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	254	127	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 94.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 39 @ 8' (H221638-47)

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	04/23/2022	ND	2.23	111	2.00	0.306	
Toluene*	<0.050	0.050	04/23/2022	ND	2.21	111	2.00	0.261	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.16	108	2.00	1.11	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.71	112	6.00	1.11	
Total BTEx	<0.300	0.300	04/23/2022	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	11000	16.0	04/22/2022	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	04/23/2022	ND	220	110	200	5.03	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	254	127	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 95.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 39 @ 11' (H221638-48)

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	04/23/2022	ND	2.23	111	2.00	0.306		
Toluene*	<0.050	0.050	04/23/2022	ND	2.21	111	2.00	0.261		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.16	108	2.00	1.11		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.71	112	6.00	1.11		
Total BTEx	<0.300	0.300	04/23/2022	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	80.0	16.0	04/22/2022	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	04/22/2022	ND	240	120	200	4.41	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	177	88.7	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 91.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.2 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 40 @ 8' (H221638-49)

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	2.23	111	2.00	0.306	
Toluene*	<0.050	0.050	04/23/2022	ND	2.21	111	2.00	0.261	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.16	108	2.00	1.11	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.71	112	6.00	1.11	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10600	16.0	04/22/2022	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	04/23/2022	ND	240	120	200	4.41	
DRO >C10-C28*	45.3	10.0	04/23/2022	ND	177	88.7	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 97.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 40 @ 11' (H221638-50)

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	04/25/2022	ND	1.95	97.5	2.00	8.48		
Toluene*	<0.050	0.050	04/25/2022	ND	1.93	96.5	2.00	9.15		
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	1.85	92.6	2.00	8.99		
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.79	96.6	6.00	8.93		
Total BTEX	<0.300	0.300	04/25/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/22/2022	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	04/23/2022	ND	240	120	200	4.41	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	177	88.7	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 41 @ 8' (H221638-51)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	1.97	98.7	2.00	6.12	
Toluene*	<0.050	0.050	04/25/2022	ND	2.02	101	2.00	6.33	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.01	100	2.00	6.43	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.94	98.9	6.00	7.12	
Total BTX	<0.300	0.300	04/25/2022	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	10800	16.0	04/22/2022	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	04/23/2022	ND	240	120	200	4.41	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	177	88.7	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 94.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/20/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 41 @ 11' (H221638-52)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2022	ND	1.97	98.7	2.00	6.12		
Toluene*	<0.050	0.050	04/25/2022	ND	2.02	101	2.00	6.33		
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.01	100	2.00	6.43		
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.94	98.9	6.00	7.12		
Total BTEX	<0.300	0.300	04/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	96.0	16.0	04/22/2022	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	04/23/2022	ND	240	120	200	4.41	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	177	88.7	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 88.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.9 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 1 @ 4' (H221638-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2022	ND	1.97	98.7	2.00	6.12		
Toluene*	<0.050	0.050	04/25/2022	ND	2.02	101	2.00	6.33		
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.01	100	2.00	6.43		
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.94	98.9	6.00	7.12		
Total BTEX	<0.300	0.300	04/25/2022	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	3200	16.0	04/22/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	215	107	200	7.52	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	237	118	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 121 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 2 @ 4' (H221638-54)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	1.97	98.7	2.00	6.12	
Toluene*	<0.050	0.050	04/25/2022	ND	2.02	101	2.00	6.33	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.01	100	2.00	6.43	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.94	98.9	6.00	7.12	
Total BTEX	<0.300	0.300	04/25/2022	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	64.0	16.0	04/22/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	215	107	200	7.52	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	237	118	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 3 @ 4' (H221638-55)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	1.97	98.7	2.00	6.12	
Toluene*	<0.050	0.050	04/25/2022	ND	2.02	101	2.00	6.33	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.01	100	2.00	6.43	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.94	98.9	6.00	7.12	
Total BTX	<0.300	0.300	04/25/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1560	16.0	04/22/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	215	107	200	7.52	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	237	118	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 4 @ 4' (H221638-56)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	1.97	98.7	2.00	6.12	
Toluene*	<0.050	0.050	04/25/2022	ND	2.02	101	2.00	6.33	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.01	100	2.00	6.43	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.94	98.9	6.00	7.12	
Total BTX	<0.300	0.300	04/25/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	04/22/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	215	107	200	7.52	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	237	118	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 113 % 66.9-136

Surrogate: 1-Chlorooctadecane 122 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 5 @ 4' (H221638-57)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2022	ND	1.97	98.7	2.00	6.12		
Toluene*	<0.050	0.050	04/25/2022	ND	2.02	101	2.00	6.33		
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.01	100	2.00	6.43		
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.94	98.9	6.00	7.12		
Total BTX	<0.300	0.300	04/25/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1400	16.0	04/22/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	215	107	200	7.52	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	237	118	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 94.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP -6 @ 4' (H221638-58)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2022	ND	1.97	98.7	2.00	6.12		
Toluene*	<0.050	0.050	04/25/2022	ND	2.02	101	2.00	6.33		
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.01	100	2.00	6.43		
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.94	98.9	6.00	7.12		
Total BTX	<0.300	0.300	04/25/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2600	16.0	04/22/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	215	107	200	7.52	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	237	118	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 7 @ 4' (H221638-59)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	1.97	98.7	2.00	6.12	
Toluene*	<0.050	0.050	04/25/2022	ND	2.02	101	2.00	6.33	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.01	100	2.00	6.43	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.94	98.9	6.00	7.12	
Total BTX	<0.300	0.300	04/25/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1230	16.0	04/22/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	215	107	200	7.52	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	237	118	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 8 @ 4' (H221638-60)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2022	ND	1.97	98.7	2.00	6.12		
Toluene*	<0.050	0.050	04/25/2022	ND	2.02	101	2.00	6.33		
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.01	100	2.00	6.43		
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.94	98.9	6.00	7.12		
Total BTEx	<0.300	0.300	04/25/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/22/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	215	107	200	7.52	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	237	118	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 9 @ 4' (H221638-61)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2022	ND	1.97	98.7	2.00	6.12		
Toluene*	<0.050	0.050	04/25/2022	ND	2.02	101	2.00	6.33		
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.01	100	2.00	6.43		
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.94	98.9	6.00	7.12		
Total BTEx	<0.300	0.300	04/25/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5330	16.0	04/22/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	215	107	200	7.52	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	237	118	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
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Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 11 @ 4' (H221638-62)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2022	ND	1.97	98.7	2.00	6.12		
Toluene*	<0.050	0.050	04/25/2022	ND	2.02	101	2.00	6.33		
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.01	100	2.00	6.43		
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.94	98.9	6.00	7.12		
Total BTEx	<0.300	0.300	04/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	5600	16.0	04/22/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	215	107	200	7.52	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	237	118	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

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Analytical Results For:

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 13 @ 4' (H221638-63)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	1.97	98.7	2.00	6.12	
Toluene*	<0.050	0.050	04/25/2022	ND	2.02	101	2.00	6.33	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.01	100	2.00	6.43	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.94	98.9	6.00	7.12	
Total BTX	<0.300	0.300	04/25/2022	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	3360	16.0	04/22/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	215	107	200	7.52	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	237	118	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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Analytical Results For:

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 15 @ 4' (H221638-64)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	1.97	98.7	2.00	6.12	
Toluene*	<0.050	0.050	04/25/2022	ND	2.02	101	2.00	6.33	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.01	100	2.00	6.43	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.94	98.9	6.00	7.12	
Total BTX	<0.300	0.300	04/25/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	04/22/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	215	107	200	7.52	
DRO >C10-C28*	32.6	10.0	04/22/2022	ND	237	118	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 17 @ 4' (H221638-65)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2022	ND	1.97	98.7	2.00	6.12		
Toluene*	<0.050	0.050	04/25/2022	ND	2.02	101	2.00	6.33		
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.01	100	2.00	6.43		
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.94	98.9	6.00	7.12		
Total BTX	<0.300	0.300	04/25/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	04/22/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	240	120	200	4.41	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	177	88.7	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 97.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 19 @ 4' (H221638-66)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2022	ND	1.97	98.7	2.00	6.12		
Toluene*	<0.050	0.050	04/25/2022	ND	2.02	101	2.00	6.33		
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.01	100	2.00	6.43		
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.94	98.9	6.00	7.12		
Total BTEx	<0.300	0.300	04/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3320	16.0	04/22/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	240	120	200	4.41	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	177	88.7	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 81.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.7 % 59.5-142

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Received: 04/20/2022
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 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 21 @ 4' (H221638-67)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	1.97	98.7	2.00	6.12	
Toluene*	<0.050	0.050	04/25/2022	ND	2.02	101	2.00	6.33	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.01	100	2.00	6.43	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.94	98.9	6.00	7.12	
Total BTEx	<0.300	0.300	04/25/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	04/22/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	240	120	200	4.41	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	177	88.7	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 88.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.7 % 59.5-142

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 22 @ 4' (H221638-68)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	1.97	98.7	2.00	6.12	
Toluene*	<0.050	0.050	04/25/2022	ND	2.02	101	2.00	6.33	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.01	100	2.00	6.43	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.94	98.9	6.00	7.12	
Total BTEX	<0.300	0.300	04/25/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	04/22/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	240	120	200	4.41	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	177	88.7	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 95.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 23 @ 4' (H221638-69)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	1.97	98.7	2.00	6.12	
Toluene*	<0.050	0.050	04/25/2022	ND	2.02	101	2.00	6.33	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.01	100	2.00	6.43	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.94	98.9	6.00	7.12	
Total BTEX	<0.300	0.300	04/25/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4320	16.0	04/22/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	240	120	200	4.41	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	177	88.7	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 93.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.1 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 24 @ 4' (H221638-70)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	1.97	98.7	2.00	6.12	
Toluene*	<0.050	0.050	04/25/2022	ND	2.02	101	2.00	6.33	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.01	100	2.00	6.43	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.94	98.9	6.00	7.12	
Total BTEX	<0.300	0.300	04/25/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6930	16.0	04/22/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	240	120	200	4.41	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	177	88.7	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 96.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.8 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 25 @ 4' (H221638-71)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	1.92	95.8	2.00	5.55	
Toluene*	<0.050	0.050	04/25/2022	ND	1.99	99.3	2.00	5.57	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	1.96	98.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.82	96.9	6.00	5.92	
Total BTEx	<0.300	0.300	04/25/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/22/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	240	120	200	4.41	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	177	88.7	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 92.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.1 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/18/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 26 @ 4' (H221638-72)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	1.92	95.8	2.00	5.55	
Toluene*	<0.050	0.050	04/25/2022	ND	1.99	99.3	2.00	5.57	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	1.96	98.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.82	96.9	6.00	5.92	
Total BTEx	<0.300	0.300	04/25/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6260	16.0	04/22/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	240	120	200	4.41	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	177	88.7	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 91.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.4 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 39 @ 4' (H221638-73)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2022	ND	1.92	95.8	2.00	5.55		
Toluene*	<0.050	0.050	04/25/2022	ND	1.99	99.3	2.00	5.57		
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	1.96	98.2	2.00	5.36		
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.82	96.9	6.00	5.92		
Total BTEx	<0.300	0.300	04/25/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	04/22/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	215	107	200	7.52	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	237	118	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 40 @ 4' (H221638-74)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	1.92	95.8	2.00	5.55	
Toluene*	<0.050	0.050	04/25/2022	ND	1.99	99.3	2.00	5.57	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	1.96	98.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.82	96.9	6.00	5.92	
Total BTEX	<0.300	0.300	04/25/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	19200	16.0	04/22/2022	ND	416	104	400	3.77	QM-07	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	215	107	200	7.52	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	237	118	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 41 @ 4' (H221638-75)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	1.92	95.8	2.00	5.55	
Toluene*	<0.050	0.050	04/25/2022	ND	1.99	99.3	2.00	5.57	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	1.96	98.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.82	96.9	6.00	5.92	
Total BTEx	<0.300	0.300	04/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	04/22/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	215	107	200	7.52	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	237	118	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 30 @ 4' (H221638-76)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2022	ND	1.92	95.8	2.00	5.55		
Toluene*	<0.050	0.050	04/25/2022	ND	1.99	99.3	2.00	5.57		
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	1.96	98.2	2.00	5.36		
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.82	96.9	6.00	5.92		
Total BTX	<0.300	0.300	04/25/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	04/22/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	215	107	200	7.52	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	237	118	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 31 @ 4' (H221638-77)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2022	ND	1.92	95.8	2.00	5.55		
Toluene*	<0.050	0.050	04/25/2022	ND	1.99	99.3	2.00	5.57		
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	1.96	98.2	2.00	5.36		
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.82	96.9	6.00	5.92		
Total BTEX	<0.300	0.300	04/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3240	16.0	04/22/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	215	107	200	7.52	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	237	118	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 98.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 32 @ 4' (H221638-78)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	1.92	95.8	2.00	5.55	
Toluene*	<0.050	0.050	04/25/2022	ND	1.99	99.3	2.00	5.57	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	1.96	98.2	2.00	5.36	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.82	96.9	6.00	5.92	
Total BTEx	<0.300	0.300	04/25/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7730	16.0	04/22/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	215	107	200	7.52	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	237	118	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 33 @ 4' (H221638-79)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2022	ND	1.92	95.8	2.00	5.55		
Toluene*	<0.050	0.050	04/25/2022	ND	1.99	99.3	2.00	5.57		
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	1.96	98.2	2.00	5.36		
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.82	96.9	6.00	5.92		
Total BTX	<0.300	0.300	04/25/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12600	16.0	04/22/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	215	107	200	7.52	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	237	118	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 34 @ 4' (H221638-80)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2022	ND	1.92	95.8	2.00	5.55		
Toluene*	<0.050	0.050	04/25/2022	ND	1.99	99.3	2.00	5.57		
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	1.96	98.2	2.00	5.36		
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.82	96.9	6.00	5.92		
Total BTX	<0.300	0.300	04/25/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9200	16.0	04/22/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	200	100	200	0.194	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	195	97.7	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 35 @ 4' (H221638-81)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2022	ND	1.92	95.8	2.00	5.55		
Toluene*	<0.050	0.050	04/25/2022	ND	1.99	99.3	2.00	5.57		
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	1.96	98.2	2.00	5.36		
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.82	96.9	6.00	5.92		
Total BTEx	<0.300	0.300	04/25/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	14800	16.0	04/22/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	200	100	200	0.194	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	195	97.7	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 96.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 36 @ 4' (H221638-82)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/26/2022	ND	1.92	95.8	2.00	5.55		
Toluene*	<0.050	0.050	04/26/2022	ND	1.99	99.3	2.00	5.57		
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.96	98.2	2.00	5.36		
Total Xylenes*	<0.150	0.150	04/26/2022	ND	5.82	96.9	6.00	5.92		
Total BTX	<0.300	0.300	04/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	04/22/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	200	100	200	0.194	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	195	97.7	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 99.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 37 @ 4' (H221638-83)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/26/2022	ND	1.92	95.8	2.00	5.55		
Toluene*	<0.050	0.050	04/26/2022	ND	1.99	99.3	2.00	5.57		
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.96	98.2	2.00	5.36		
Total Xylenes*	<0.150	0.150	04/26/2022	ND	5.82	96.9	6.00	5.92		
Total BTEX	<0.300	0.300	04/26/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	13800	16.0	04/22/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	200	100	200	0.194	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	195	97.7	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 99.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 38 @ 4' (H221638-84)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/26/2022	ND	1.92	95.8	2.00	5.55		
Toluene*	<0.050	0.050	04/26/2022	ND	1.99	99.3	2.00	5.57		
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.96	98.2	2.00	5.36		
Total Xylenes*	<0.150	0.150	04/26/2022	ND	5.82	96.9	6.00	5.92		
Total BTEX	<0.300	0.300	04/26/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6660	16.0	04/22/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	200	100	200	0.194	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	195	97.7	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 97.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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

Analytical Results For:

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

Received: 04/20/2022
 Reported: 04/26/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 38 @ 11' (H221638-85)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/26/2022	ND	1.92	95.8	2.00	5.55		
Toluene*	<0.050	0.050	04/26/2022	ND	1.99	99.3	2.00	5.57		
Ethylbenzene*	<0.050	0.050	04/26/2022	ND	1.96	98.2	2.00	5.36		
Total Xylenes*	<0.150	0.150	04/26/2022	ND	5.82	96.9	6.00	5.92		
Total BTX	<0.300	0.300	04/26/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/22/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2022	ND	200	100	200	0.194	
DRO >C10-C28*	<10.0	10.0	04/23/2022	ND	195	97.7	200	3.00	
EXT DRO >C28-C36	<10.0	10.0	04/23/2022	ND					

Surrogate: 1-Chlorooctane 96.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.8 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services				BILL TO				ANALYSIS REQUEST																							
Project Manager: Dan Dunkelberg				P.O. #:																											
Address: 8426 N Dal Paso				Company: Mewbourne Oil Co.																											
City: Hobbs		State: NM Zip: 88241		Attn: Robbie Runnels																											
Phone #:		Fax #:		Address:																											
Project #:		Project Owner: (see below)		City:																											
Project Name: YARDBIRDS 34 W2NC RISER		dan@trinityoilfieldservices.com		State: Zip:																											
Project Location: Eddy Co., NM				Phone #:																											
Sampler Name: KA				Fax #:																											
FOR LAB USE ONLY				MATRIX PRESERV. SAMPLING																											
Lab I.D. Sample I.D.				DATE TIME																Chloride TPH BTEX											
1 SP-1 @ 8'				4/19/2022 900																X X X											
2 SP-2 @ 3'				4/19/2022 905																X X X											
3 SP-3 @ 8'				4/19/2022 910																X X X											
4 SP-4 @ 6'				4/19/2022 915																X X X											
5 SP-5 @ 6'				4/19/2022 920																X X X											
6 SP-6 @ 6'				4/19/2022 925																X X X											
7 SP-7 @ 10'				4/19/2022 930																X X X											
8 SP-8 @ 3'				4/19/2022 935				X X X																							
9 SP-9 @ 7'				4/19/2022 940				X X X																							
10 SP-10 @ 4'				4/19/2022 945				X X X																							
PI FASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																															
Relinquished By: [Signature]				Received By: [Signature]				Verbal Result: Yes No Add'l Phone #:																							
Relinquished By:				Received By:				All Results are emailed. Please provide Email address:																							
Delivered By: (Circle One)				Observed Temp. °C				Turnaround Time: Standard X Rush																							
Sampler - UPS - Bus - Other:				Corrected Temp. °C				Thermometer ID #113 Correction Factor -0.5 °C																							
				Sample Condition				Bacteria (only) Sample Condition																							
				Cool Intact				Cool Intact Observed Temp. °C																							
				Yes No				Yes No Corrected Temp. °C																							



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services				BILL TO				ANALYSIS REQUEST																																					
Project Manager: Dan Dunkelberg				P.O. #:																																									
Address: 8426 N Dal Paso				Company: Mewbourne Oil Co.																																									
City: Hobbs		State: NM Zip: 88241		Attn: Robbie Runnels																																									
Phone #:		Fax #:		Address:																																									
Project #:		Project Owner: (see below)		City:																																									
Project Name: YARDBIRDS 34 W2NC RISER		dan@trinityoilfieldservices.com		State:																																									
Project Location: Eddy Co., NM				Zip:																																									
Sampler Name: KA				Phone #:																																									
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																																					
Lab I.D.		Sample I.D.		G/RAB OR (COMP. # CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME		Chloride		TPH		BTEX													
11		SP-10 @ 6'		G 1		X																		4/19/2022		950		X		X		X													
12		SP-11 @ 6'		G 1		X																		4/19/2022		955		X		X		X													
13		SP-12 @ 4'		G 1		X																		4/19/2022		1000		X		X		X													
14		SP-12 @ 8'		G 1		X																		4/19/2022		1005		X		X		X													
15		SP-13 @ 6'		G 1		X																		4/19/2022		1010		X		X		X													
16		SP-14 @ 4'		G 1		X																		4/19/2022		1015		X		X		X													
17		SP-14 @ 5'		G 1		X																		4/19/2022		1020		X		X		X													
18		SP-15 @ 10'		G 1		X																		4/19/2022		1025		X		X		X													
19		SP-16 @ 4'		G 1		X																		4/19/2022		1030		X		X		X													
20		SP-16 @ 6'		G 1		X																		4/19/2022		1035		X		X		X													

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Relinquished By:		Date: 4/19/2022		Received By:		Verbal Result: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Add'l Phone #:	
Time: 11:43 AM						All Results are emailed. Please provide Email address:			
Relinquished By:		Date:		Received By:		REMARKS:			
Time:									
Delivered By: (Circle One)		Observed Temp. °C: -6.32		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>		CHECKED BY: (Initials) SK		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C: -6.82		Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/>				Thermometer ID #113	
				No <input type="checkbox"/> No <input type="checkbox"/>				Correction Factor -0.5 °C	
								Bacteria (only) Sample Condition: Cool <input type="checkbox"/> Intact <input type="checkbox"/>	
								Yes <input type="checkbox"/> Yes <input type="checkbox"/>	
								No <input type="checkbox"/> No <input type="checkbox"/>	
								Observed Temp. °C	
								Corrected Temp. °C	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services				BILL TO				ANALYSIS REQUEST																							
Project Manager: Dan Dunkelberg				P.O. #:																											
Address: 8426 N Dal Paso				Company: Mewbourne Oil Co.																											
City: Hobbs		State: NM Zip: 88241		Attn: Robbie Runnels																											
Phone #:		Fax #:		Address:																											
Project #:		Project Owner: (see below)		City:																											
Project Name: YARDBIRDS 34 W2NC RISER dan@trinityoilfieldservices.com				State: Zip:																											
Project Location: Eddy Co., NM				Phone #:																											
Sampler Name: KA				Fax #:																											
FOR LAB USE ONLY				MATRIX				PRESERV.				SAMPLING																			
Lab I.D.				Sample I.D.				DATE				TIME																			
SP-17 @ 3'				G 1				4/19/2022				1040																			
SP-18 @ 4'				G 1				4/20/2022				800																			
SP-18 @ 8'				G 1				4/20/2022				805																			
SP-19 @ 5'				G 1				4/19/2022				1045																			
SP-20 @ 4'				G 1				4/20/2022				810																			
SP-20 @ 6'				G 1				4/20/2022				815																			
SP-21 @ 10'				G 1				4/20/2022				820																			
SP-22 @ 10'				G 1				4/20/2022				825																			
SP-23 @ 10'				G 1				4/20/2022				830																			
SP-24 @ 10'				G 1				4/20/2022				835																			
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Relinquished By:				Received By:				Verbal Result:				Yes				No				Add'l Phone #:											
Time:				Time:				All Results are emailed. Please provide Email address:																							
Relinquished By:				Received By:				REMARKS:																							
Time:				Time:																											
Delivered By: (Circle One)				Observed Temp. °C				Sample Condition				CHECKED BY:				Turnaround Time:				Standard				X				Bacteria (only) Sample Condition			
Sampler - UPS - Bus - Other:				Corrected Temp. °C				Cool Intact				(Initials)				Thermometer ID #113				Rush				Cool Intact				Observed Temp. °C			
								Yes No				Yes No				Correction Factor -0.5 °C				Yes No				Yes No				Corrected Temp. °C			

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services

Project Manager: Dan Dunkelberg

Address: 8426 N Dal Paso

City: Hobbs

Phone #:

Project #:

Project Name: YARDBIRDS 34 W2NC RISER

Project Location: Eddy Co., NM

Sampler Name: KA

BILL TO

P.O. #:

Company: Mewbourne Oil Co.

Attn: Robbie Runnels

Address:

City:

State:

Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D. **HB21638**

Sample I.D.

(GRAB OR C/COMP.

MATRIX

PRESERV.

SAMPLING

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

DATE

TIME

Chloride

TPH

BTEX

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Relinquished By:

Date:

Received By:

Time:

Verbal Result:

Yes

No

Add'l Phone #:

All Results are emailed. Please provide Email address:

Relinquished By:

Date:

Received By:

Time:

REMARKS:

Delivered By: (Circle One)

Observed Temp. °C

-6.30

Corrected Temp. °C

-6.80

Sample Condition

Cool Intact

Yes Yes

No No

CHECKED BY:

(Initials)

SR

Turnaround Time:

Standard

X

Rush

Bacteria (only) Sample Condition

Cool Intact

Yes Yes

No No

Observed Temp. °C

Corrected Temp. °C

Thermometer ID #113

Correction Factor -0.5 °C

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Company Name: Trinity Oilfield Services		P.O. #:		ANALYSIS REQUEST																			
Project Manager: Dan Dunkelberg		Company: Mewbourne Oil Co.																					
Address: 8426 N Dal Paso		Attn: Robbie Runnels																					
City: Hobbs		Address:																					
Phone #:		City:																					
Project #:		State: Zip:																					
Project Name: YARDBIRDS 34 W2NC RISER		Project Owner: (see below)		State:		Zip:																	
Project Location: Eddy Co., NM		dan@trinityoilfieldservices.com		Phone #:																			
Sampler Name: KA		Fax #:																					
FOR LAB USE ONLY																							
Lab I.D.		Sample I.D.		MATRIX		PRESERV.														SAMPLING			
H221638																							
73		SP-39 @ 4'		G 1				4/13/2022		950													
74		SP-40 @ 4'		G 1				4/13/2022		955													
75		SP-41 @ 4'		G 1				4/13/2022		1000													

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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services

Project Manager: Dan Dunkelberg

Address: 8426 N Dal Paso

City: Hobbs

State: NM Zip: 88241

Phone #:

Fax #:

Project #:

Project Owner: (see below)

Project Name: YARDBIRDS 34 W2NC RISER

dan@trinityoilfieldservices.com

Project Location: Eddy Co., NM

Sampler Name: KA

BILL TO

P.O. #:

Company: Mewbourne Oil Co.

Attn: Robbie Runnels

Address:

City:

State:

Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D. H221638

Sample I.D.

GIRAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING		DATE	TIME
		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:					
G 1	1	X									4/13/2022	900
G 1	1	X									4/13/2022	905
G 1	1	X									4/13/2022	910
G 1	1	X									4/13/2022	915
G 1	1	X									4/13/2022	920
G 1	1	X									4/13/2022	925
G 1	1	X									4/13/2022	930
G 1	1	X									4/13/2022	935
G 1	1	X									4/13/2022	940
G 1	1	X									4/13/2022	945

Chloride

TPH

BTEX

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Relinquished By:

Date:

Received By:

Time:

Verbal Result:

Yes

No

Add'l Phone #:

All Results are emailed. Please provide Email address:

Relinquished By:

Date:

Received By:

Time:

REMARKS:

Delivered By: (Circle One)

Observed Temp. °C

-10.32

Sample Condition

Cool Intact

Yes Yes

No No

CHECKED BY:

(Initials)

SR

Turnaround Time:

Standard

X

Rush

Bacteria (only) Sample Condition

Cool

Yes

No

Intact

Yes

No

Observed Temp. °C

Corrected Temp. °C

Sampler - UPS - Bus - Other:

Corrected Temp. °C

-10.82

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

June 27, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: YARDBIRDS 34 W2NC RISER

Enclosed are the results of analyses for samples received by the laboratory on 06/22/22 16:12.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 06/22/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: PR - 422 @ 5' (H222676-01)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2022	ND	2.27	113	2.00	15.1	
Toluene*	<0.050	0.050	06/24/2022	ND	2.21	110	2.00	15.2	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	2.17	108	2.00	15.5	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.70	112	6.00	15.2	
Total BTX	<0.300	0.300	06/24/2022	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	06/24/2022	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	06/24/2022	ND	218	109	200	2.69	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	221	111	200	2.46	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 98.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 06/22/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: PR - 423 @ 5' (H222676-02)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2022	ND	2.27	113	2.00	15.1	
Toluene*	<0.050	0.050	06/24/2022	ND	2.21	110	2.00	15.2	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	2.17	108	2.00	15.5	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.70	112	6.00	15.2	
Total BTEx	<0.300	0.300	06/24/2022	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	672	16.0	06/24/2022	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	06/24/2022	ND	218	109	200	2.69	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	221	111	200	2.46	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 06/22/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: PR - 427 @ 5' (H222676-03)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2022	ND	2.19	109	2.00	11.4		
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	11.4		
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	2.11	106	2.00	11.8		
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.58	110	6.00	11.7		
Total BTX	<0.300	0.300	06/24/2022	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	640	16.0	06/24/2022	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	06/24/2022	ND	218	109	200	2.69	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	221	111	200	2.46	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 06/22/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: PR - 428 @ 5' (H222676-04)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2022	ND	2.19	109	2.00	11.4		
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	11.4		
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	2.11	106	2.00	11.8		
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.58	110	6.00	11.7		
Total BTEX	<0.300	0.300	06/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	06/24/2022	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	06/24/2022	ND	218	109	200	2.69	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	221	111	200	2.46	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 99.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 06/22/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: PR - 433 @ 5' (H222676-05)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2022	ND	2.19	109	2.00	11.4		
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	11.4		
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	2.11	106	2.00	11.8		
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.58	110	6.00	11.7		
Total BTEX	<0.300	0.300	06/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	06/24/2022	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	06/24/2022	ND	218	109	200	2.69	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	221	111	200	2.46	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 97.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 06/22/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: PR - 434 @ 5' (H222676-06)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2022	ND	2.19	109	2.00	11.4		
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	11.4		
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	2.11	106	2.00	11.8		
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.58	110	6.00	11.7		
Total BTX	<0.300	0.300	06/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	752	16.0	06/24/2022	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	06/24/2022	ND	218	109	200	2.69	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	221	111	200	2.46	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 85.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

Page 9 of 9



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

June 28, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: YARDBIRDS 34 W2NC RISER

Enclosed are the results of analyses for samples received by the laboratory on 06/24/22 10:23.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/24/2022	Sampling Date:	06/23/2022
Reported:	06/28/2022	Sampling Type:	Soil
Project Name:	YARDBIRDS 34 W2NC RISER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: PR - 328 @ 7' (H222706-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2022	ND	2.17	108	2.00	1.15	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	1.10	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	2.02	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.30	105	6.00	2.16	
Total BTX	<0.300	0.300	06/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.6 % 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
Chloride	288	16.0	06/27/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2022	ND	189	94.7	200	0.0412	
DRO >C10-C28*	<10.0	10.0	06/27/2022	ND	198	98.9	200	0.558	
EXT DRO >C28-C36	<10.0	10.0	06/27/2022	ND					

Surrogate: 1-Chlorooctane 105 % 43-149

Surrogate: 1-Chlorooctadecane 121 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/24/2022
 Reported: 06/28/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 06/23/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: PR - 329 @ 7' (H222706-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2022	ND	2.17	108	2.00	1.15	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	1.10	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	2.02	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	06/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	06/27/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2022	ND	189	94.7	200	0.0412	
DRO >C10-C28*	<10.0	10.0	06/27/2022	ND	198	98.9	200	0.558	
EXT DRO >C28-C36	<10.0	10.0	06/27/2022	ND					

Surrogate: 1-Chlorooctane 102 % 43-149

Surrogate: 1-Chlorooctadecane 121 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/24/2022
 Reported: 06/28/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 06/23/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: PR - 330 @ 5' (H222706-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2022	ND	2.17	108	2.00	1.15	
Toluene*	<0.050	0.050	06/25/2022	ND	2.14	107	2.00	1.10	
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	2.02	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	06/25/2022	ND	6.30	105	6.00	2.16	
Total BTEx	<0.300	0.300	06/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 83.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	06/27/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2022	ND	189	94.7	200	0.0412	
DRO >C10-C28*	<10.0	10.0	06/27/2022	ND	198	98.9	200	0.558	
EXT DRO >C28-C36	<10.0	10.0	06/27/2022	ND					

Surrogate: 1-Chlorooctane 102 % 43-149

Surrogate: 1-Chlorooctadecane 117 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/24/2022
 Reported: 06/28/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 06/23/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: PR - 331 @ 5' (H222706-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2022	ND	2.17	108	2.00	1.15	
Toluene*	<0.050	0.050	06/25/2022	ND	2.14	107	2.00	1.10	
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	2.02	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	06/25/2022	ND	6.30	105	6.00	2.16	
Total BTEx	<0.300	0.300	06/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.0 % 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	304	16.0	06/27/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2022	ND	189	94.7	200	0.0412	
DRO >C10-C28*	<10.0	10.0	06/27/2022	ND	198	98.9	200	0.558	
EXT DRO >C28-C36	<10.0	10.0	06/27/2022	ND					

Surrogate: 1-Chlorooctane 105 % 43-149

Surrogate: 1-Chlorooctadecane 121 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/24/2022
 Reported: 06/28/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 06/23/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: PR - 339 @ 5' (H222706-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2022	ND	2.23	112	2.00	0.894		
Toluene*	<0.050	0.050	06/27/2022	ND	2.25	112	2.00	4.10		
Ethylbenzene*	<0.050	0.050	06/27/2022	ND	2.28	114	2.00	6.27		
Total Xylenes*	<0.150	0.150	06/27/2022	ND	6.90	115	6.00	6.24		
Total BTEx	<0.300	0.300	06/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	06/27/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2022	ND	189	94.7	200	0.0412	
DRO >C10-C28*	<10.0	10.0	06/27/2022	ND	198	98.9	200	0.558	
EXT DRO >C28-C36	<10.0	10.0	06/27/2022	ND					

Surrogate: 1-Chlorooctane 110 % 43-149

Surrogate: 1-Chlorooctadecane 126 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/24/2022	Sampling Date:	06/23/2022
Reported:	06/28/2022	Sampling Type:	Soil
Project Name:	YARDBIRDS 34 W2NC RISER	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: WALL - 69 E @ 3' (H222706-06)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2022	ND	2.23	112	2.00	0.894	
Toluene*	<0.050	0.050	06/27/2022	ND	2.25	112	2.00	4.10	
Ethylbenzene*	<0.050	0.050	06/27/2022	ND	2.28	114	2.00	6.27	
Total Xylenes*	<0.150	0.150	06/27/2022	ND	6.90	115	6.00	6.24	
Total BTX	<0.300	0.300	06/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/27/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2022	ND	189	94.7	200	0.0412	
DRO >C10-C28*	<10.0	10.0	06/27/2022	ND	198	98.9	200	0.558	
EXT DRO >C28-C36	<10.0	10.0	06/27/2022	ND					

Surrogate: 1-Chlorooctane 114 % 43-149

Surrogate: 1-Chlorooctadecane 135 % 42.5-161

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Analytical Results For:

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

Received: 06/24/2022
 Reported: 06/28/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 06/23/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WALL - 70 S @ 3' (H222706-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2022	ND	2.23	112	2.00	0.894	
Toluene*	<0.050	0.050	06/27/2022	ND	2.25	112	2.00	4.10	
Ethylbenzene*	<0.050	0.050	06/27/2022	ND	2.28	114	2.00	6.27	
Total Xylenes*	<0.150	0.150	06/27/2022	ND	6.90	115	6.00	6.24	
Total BTEx	<0.300	0.300	06/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/27/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2022	ND	189	94.7	200	0.0412	
DRO >C10-C28*	<10.0	10.0	06/27/2022	ND	198	98.9	200	0.558	
EXT DRO >C28-C36	<10.0	10.0	06/27/2022	ND					

Surrogate: 1-Chlorooctane 104 % 43-149

Surrogate: 1-Chlorooctadecane 120 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/24/2022
 Reported: 06/28/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 06/23/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WALL - 71 S @ 3' (H222706-08)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2022	ND	2.23	112	2.00	0.894	
Toluene*	<0.050	0.050	06/27/2022	ND	2.25	112	2.00	4.10	
Ethylbenzene*	<0.050	0.050	06/27/2022	ND	2.28	114	2.00	6.27	
Total Xylenes*	<0.150	0.150	06/27/2022	ND	6.90	115	6.00	6.24	
Total BTX	<0.300	0.300	06/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2022	ND	189	94.7	200	0.0412	
DRO >C10-C28*	<10.0	10.0	06/27/2022	ND	198	98.9	200	0.558	
EXT DRO >C28-C36	<10.0	10.0	06/27/2022	ND					

Surrogate: 1-Chlorooctane 111 % 43-149

Surrogate: 1-Chlorooctadecane 124 % 42.5-161

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Analytical Results For:

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

Received: 06/24/2022
 Reported: 06/28/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 06/23/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WALL - 72 S @ 3' (H222706-09)

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	06/27/2022	ND	2.23	112	2.00	0.894	
Toluene*	<0.050	0.050	06/27/2022	ND	2.25	112	2.00	4.10	
Ethylbenzene*	<0.050	0.050	06/27/2022	ND	2.28	114	2.00	6.27	
Total Xylenes*	<0.150	0.150	06/27/2022	ND	6.90	115	6.00	6.24	
Total BTEx	<0.300	0.300	06/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/27/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2022	ND	189	94.7	200	0.0412	
DRO >C10-C28*	<10.0	10.0	06/27/2022	ND	198	98.9	200	0.558	
EXT DRO >C28-C36	<10.0	10.0	06/27/2022	ND					

Surrogate: 1-Chlorooctane 114 % 43-149

Surrogate: 1-Chlorooctadecane 129 % 42.5-161

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Analytical Results For:

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

Received: 06/24/2022
 Reported: 06/28/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 06/23/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WALL - 73 N @ 3' (H222706-10)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2022	ND	2.23	112	2.00	0.894	
Toluene*	<0.050	0.050	06/27/2022	ND	2.25	112	2.00	4.10	
Ethylbenzene*	<0.050	0.050	06/27/2022	ND	2.28	114	2.00	6.27	
Total Xylenes*	<0.150	0.150	06/27/2022	ND	6.90	115	6.00	6.24	
Total BTEx	<0.300	0.300	06/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/27/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2022	ND	189	94.7	200	0.0412	
DRO >C10-C28*	<10.0	10.0	06/27/2022	ND	198	98.9	200	0.558	
EXT DRO >C28-C36	<10.0	10.0	06/27/2022	ND					

Surrogate: 1-Chlorooctane 117 % 43-149

Surrogate: 1-Chlorooctadecane 135 % 42.5-161

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Analytical Results For:

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

Received: 06/24/2022
 Reported: 06/28/2022
 Project Name: YARDBIRDS 34 W2NC RISER
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 06/23/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WALL - 74 N @ 3' (H222706-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/27/2022	ND	2.23	112	2.00	0.894		
Toluene*	<0.050	0.050	06/27/2022	ND	2.25	112	2.00	4.10		
Ethylbenzene*	<0.050	0.050	06/27/2022	ND	2.28	114	2.00	6.27		
Total Xylenes*	<0.150	0.150	06/27/2022	ND	6.90	115	6.00	6.24		
Total BTEx	<0.300	0.300	06/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/27/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2022	ND	189	94.7	200	0.0412	
DRO >C10-C28*	<10.0	10.0	06/27/2022	ND	198	98.9	200	0.558	
EXT DRO >C28-C36	<10.0	10.0	06/27/2022	ND					

Surrogate: 1-Chlorooctane 109 % 43-149

Surrogate: 1-Chlorooctadecane 111 % 42.5-161

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

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District I

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

CONDITIONS

Action 122119

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 122119
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. Due to the shallow groundwater and sensitive nature of the release location, the site will need to be remediated to the strictest closure criteria standards. Please make sure all sample locations are fully delineated and floor/sidewall samples meet OCD Table 1 standards for <50' depth to groundwater. Samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Confirmation samples should be collected every 200 ft2. A closure report will need to be completed and uploaded within 90 days.	11/2/2022