

## SITE INFORMATION

## Report Type: Work Plan nAPP2412980058

## General Site Information:

Site:	Almost Eddy 31 Federal #1H Lay Flat Line					
Company:	EOG Resources					
Section, Township and Range	Unit P	Sec. 31	T 25S	R 32E		
Lease Number:						
County:	Lea County					
GPS:	32.079848°			-103.706557°		
Surface Owner:	Federal					
Mineral Owner:						
Directions:	From the intersection of Pipeline Rd and HWY 1, travel west on Pipeline Rd for 1.86 miles. Turn right onto lease road, follow for 1.05 miles. Location on west side of road.					

## Release Data:

Date Released:	12/13/2024
Type Release:	Reuse Water
Source of Contamination:	Lay Flat Line
Fluid Released:	350 bbl water
Fluids Recovered:	145 bbl water

## Official Communication:

Name:	Todd Wells		Clair Gonzales
Company:	EOG Resources		Tetra Tech
Address:	5509 Champions Dr.		901 W. Wall St.
			Ste 100
City:	Midland, Texas, 79706		Midland, Texas, 79701
Phone number:	(432) 686-3613		(432) 682-4559
Fax:			
Email:	<a href="mailto:Todd_Wells@eogresources.com">Todd_Wells@eogresources.com</a>		<a href="mailto:clair.gonzales@tetrattech.com">clair.gonzales@tetrattech.com</a>

## Site Characterization

Depth to Groundwater:	289.90'
Karst Potential:	Low

## Recommended Remedial Action Levels (RRALs)

Benzene	Total BTEX	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	Chlorides
10 mg/kg	50 mg/kg	1,000 mg/kg	2,500 mg/kg	20,000 mg/kg



May 29, 2024

New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

**RE: Remediation Work Plan  
EOG Resources  
Almost Eddy 31 Federal #1H Lay Flat Line  
Lea County, New Mexico  
nAPP2412980058**

Oil Conservation Division:

Tetra Tech, Inc. (Tetra Tech) was contacted by EOG Resources (EOG) to assess a release that occurred at the Almost Eddy 31 Federal #1H Lay Flat Line Release, Unit P, Section 31, Township 25 South, Range 32 East, Lea County, New Mexico (Site). The spill site coordinates are 32.079848°, -103.706557°. The site location is shown on **Figures 1 and 2**.

## **Background**

According to the State of New Mexico C-141 Initial Report, the release at the Site was caused by a 12" lay flat line parting due to being overpressured, causing the release of 350 bbls of treated reuse water. The release flowed across the pad and on the South and East portions of pasture, impacting an area of 530' long and approximately 395' wide. Additionally, approximately 145 bbls of fluids were recovered. On December 13, 2023, the release was discovered, and reported on December 14, 2023 to the New Mexico Oil Conservation Division (NMOCD). The C-141 is shown in **Appendix A**.

## **Site Characterization**

### Significant Water Features

According to the NFHL (National Flood Hazard Layer) Flood Data Application and the USGS (United States Geological Survey) National Water Information System Mapper, there were no watercourses, lakebeds, sinkholes, playa lakes, springs, wetlands, subsurface mines, private domestic water wells, or floodplains located within the specified distances. Additionally, the site is located in a low karst area. The NFHL Map and USGS Mapper are shown in **Appendix B**.

### Significant Boundaries

According to Google Earth US Government City Boundaries and US School Districts, the lateral extents of the release were not within an incorporated municipal boundaries, defined municipal fresh water well field, or a school district. Additionally, there were no occupied permanent residences, schools, hospitals, institution, or churches located within the specified distances of the lateral extents of the release.

### Groundwater Review

Groundwater research was completed for the site through the USGS (United States Geological Survey) National Water Information System and New Mexico Office of the State Engineer (NMOSE) Water Rights Reporting System. Groundwater research conducted through these two resources, show the three closest water wells within a mile radius of the Site. The well reported on the NMOSE Water



Rights Reporting System reports a total depth of 646 ft bgs and measured water level of 350 ft bgs and is approximately 1.01 miles of the Site. The well reported on the USGS National Water Information System reports a water level measured at 289.90 ft bgs and is approximately 0.69 miles of the Site. The groundwater information is shown in **Appendix B**.

Distance from Site	Date of Data	Resource of Information	Depth of Well	Depth to Water
0.69 Miles	10/21/1987	USGS	N/A	289.90'
1.01 Miles	2/12/2015	NMOSE	646'	350'

Based on the groundwater data, EOG proposes to install a groundwater determination bore (GWDB) to a depth of 105 ft bgs, within a ½ mile radius of the site, to determine if groundwater is present at the bottom depths of the bore. The bore will remain open for 72 hours and inspected with a water level meter to determine the presence of groundwater.

## Regulatory

A risk-based evaluation was performed for the site following the New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases, updated August 14, 2018. The guidelines require a risk-based evaluation of the site to determine recommended remedial action levels (RRAL) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX) and total petroleum hydrocarbons (TPH) in soil. The proposed RRAL for benzene was determined to be 10 parts per million (ppm) or milligrams per kilogram (mg/kg) and 50 ppm for total BTEX (sum of benzene, toluene, ethylbenzene, and xylene). Based upon the site characterization and the proposed GWDB installation, beyond the top 4.0 ft of soil, the proposed RRAL for TPH is 2,500 mg/kg (GRO + DRO + ORO) and 1,000 mg/kg (GRO + DRO). Additionally, based on the site characterization and the proposed GWDB, beyond the top 4.0' of soil, the proposed RRAL for chlorides is 20,000 mg/kg.

## Site Assessment Activities

Tetra Tech conducted site assessment activities on January 5, 2023. A total of fourteen (14) trenches (Trench-1 through Trench-14) were installed to depths ranging from surface to 7.0 ft bgs to attempt to assess and vertically delineate the impacted the area. Additionally, a total of twenty (20) horizontals (H-1 through H-20) were installed to total depths of 0.5 ft bgs, to horizontally delineate the impact. The impact and sample locations are shown on **Figure 3**.

The samples were submitted to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for TPH method 8015 modified, BTEX method 8021B, and Chloride by EPA Method 4500.0. The analytical results are summarized in **Table 1** and the analytical laboratory reports are included in **Appendix C**.

Referring to Table 1, trenches (Trench-1, Trench-6, and Trench-8 through Trench-14) indicated chloride concentrations above the remediation standard of 600 mg/kg, with concentrations ranging from 816 mg/kg to 5,360 mg/kg, at depths ranging from surface to 4.0 ft bgs. Trenches (Trench-2 through Trench-5, and Trench-7) did not indicate chloride concentrations above the remediation standards in any samples collected. Additionally, none of the trenches (Trench-1 through Trench-14) indicated benzene, BTEX, or TPH concentration above laboratory detection levels. Vertical delineation of chlorides was found in all trenches. Additionally, Horizontals (H-1 through H-20) did not indicate benzene, BTEX, TPH, or chloride concentrations above RRALs.



## Work Plan

Based on the C-141 (nAPP2412980058) and information provided by EOG, Tetra Tech performed site characterization and groundwater research to determine groundwater depth, proximity from significant water features, and proximity from specified populated entities to determine RRALs and assess the impacted area. Based on the *OCD Guidelines for Remediation of Leaks, Spills, and Releases*, updated August 14, 2018, according to the groundwater data found during research activities, and based on the proposed GWDB installation, the RRALs that will be followed for the site, for the soil below the top 4.0 ft of soil, will be held to 10,000 mg/kg for chlorides, and 2,500 mg/kg (GRO + DRO + ORO) and 1,000 mg/kg (GRO + DRO) for TPH. The most stringent RRALs will be followed for the top 4.0 ft of soil. Based on Tetra Tech assessment and delineation activities, laboratory results indicated chloride concentrations above remediation standards in trenches (Trench-1, Trench-6, and Trench-8 through Trench-14), in total depths ranging from surface to 4.0 ft bgs.

EOG proposes to install a GWDB to a depth of 105 ft bgs to determine presence of groundwater within a ½ mile radius of the extent of the release, if no groundwater is present within the bore, the remediation of the soil beyond the top 4.0 ft will follow the RRALs as indicated in NMAC 19.15.29 Table 1 for groundwater depths greater than 100 ft. As shown on **Figure 4**, in addition to the excavation of trenches (Trench-1, Trench-6, and Trench-8 through Trench-14), a superficial scrape of trenches (Trench-2 through Trench-5, and Trench-7) will be conducted for housekeeping purposes. Following excavation, 5-point composite confirmation bottom hole and sidewall samples will be installed within the remediated areas on a 500 square foot basis, based on the total square footage of the release being approximately 90,453 square feet. The C-141 is included in **Appendix A**.

If you require any additional information or have any questions or comments, please contact us at (432) 682-4559.

Respectfully submitted,  
TETRA TECH

A handwritten signature in black ink, appearing to read 'Brittany Long'.

Brittany Long,  
Project Manager

A handwritten signature in blue ink, appearing to read 'Clair Gonzales'.

Clair Gonzales, P.G.  
Senior Project Manager





## Figures

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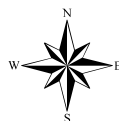


**Legend**  
▲ SITE LOCATION

**TETRA TECH**  
www.tetrattech.com

901 West Wall Street, Suite 100  
Midland, Texas 79701  
Phone: (432) 682-4559

**eog resources**



0 10,000 20,000  
Approximate Scale in Feet

**OVERVIEW MAP**

**ALMOST EDDY 31 FEDERAL  
#1H LAY FLAT LINE**

LEA COUNTY, NEW MEXICO  
(32.080024°, -103.706903°)

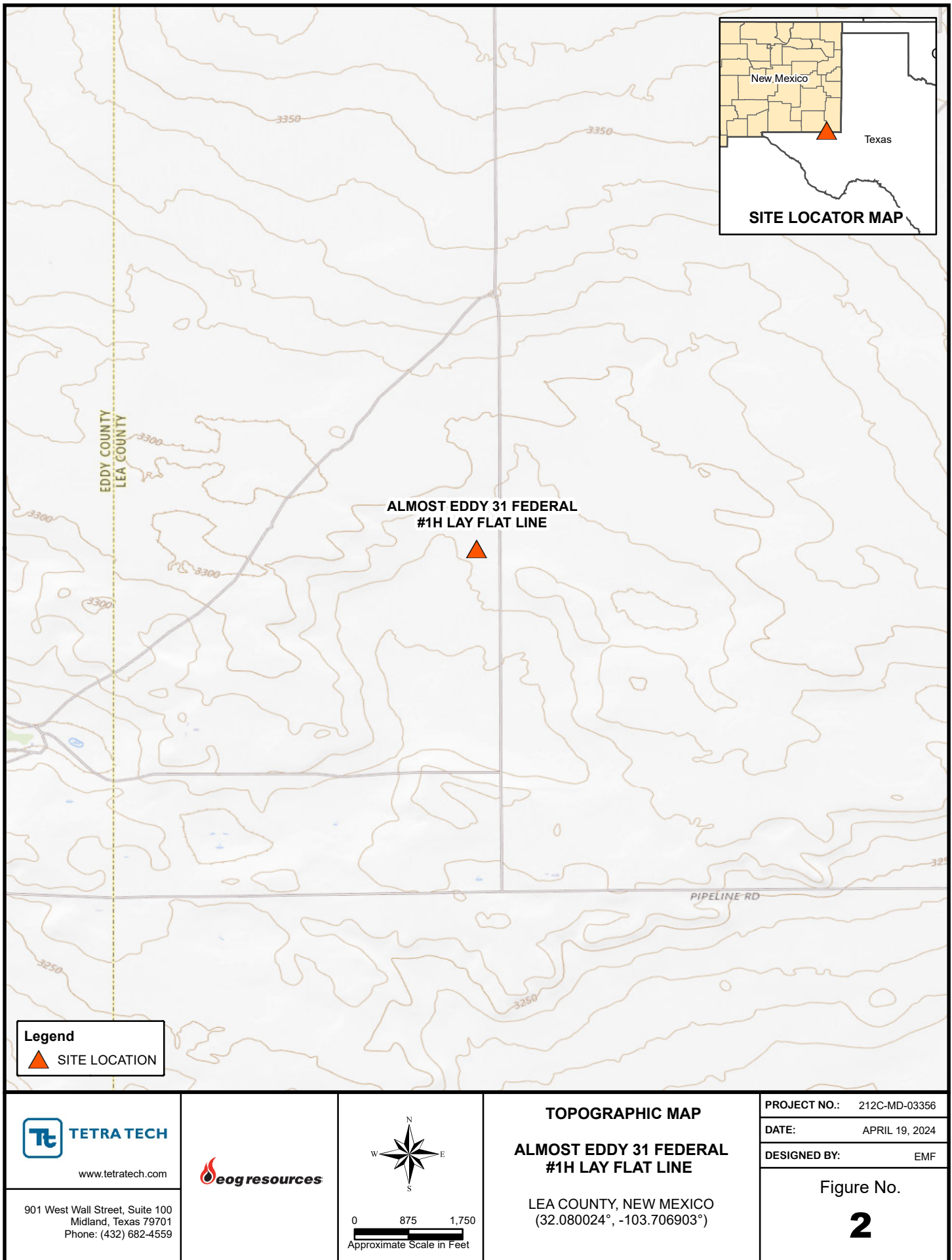
PROJECT NO.: 212C-MD-03356

DATE: APRIL 19, 2024

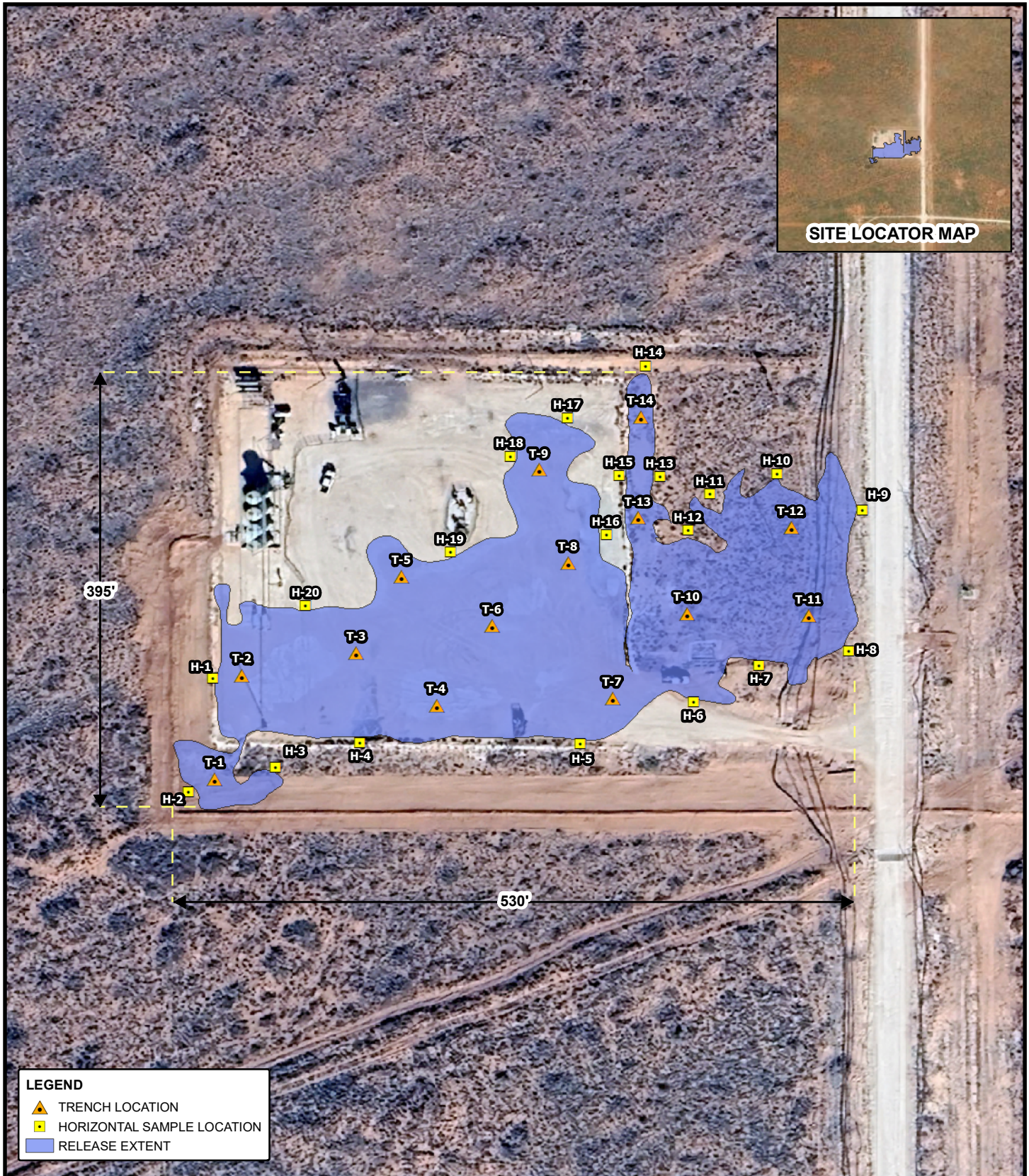
DESIGNED BY: EMF

Figure No.

**1**





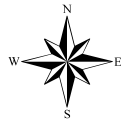


**LEGEND**

- TRENCH LOCATION
- HORIZONTAL SAMPLE LOCATION
- RELEASE EXTENT

**TETRA TECH**  
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901 West Wall Street, Suite 100  
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Phone: (432) 682-4559



0 50 100  
Approximate Scale in Feet

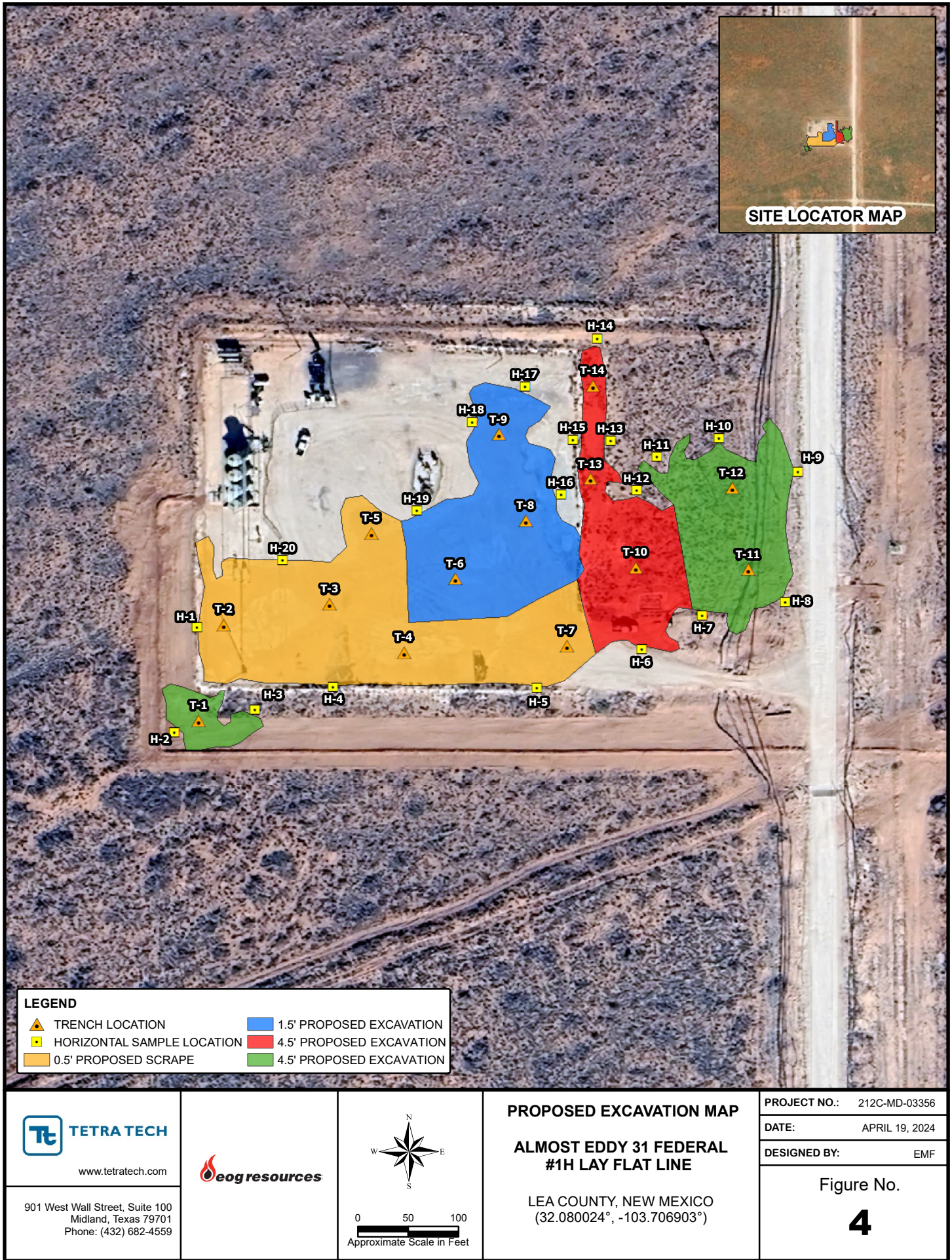
**SITE ASSESSMENT MAP**  
**ALMOST EDDY 31 FEDERAL**  
**#1H LAY FLAT LINE**

LEA COUNTY, NEW MEXICO  
(32.080024°, -103.706903°)

PROJECT NO.: 212C-MD-03356  
DATE: APRIL 19, 2024  
DESIGNED BY: EMF

Figure No.  
**3**









## Tables

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Table 1  
EOG Resources  
Almost Eddy 31 Federal #1H Layflat  
Lea County, New Mexico

Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
RRALs					100 mg/kg				10 mg/kg		50 mg/kg			600 mg/kg
Trench-1	1/23/2024	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,800
	1/23/2024	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,360
	1/23/2024	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,840
	1/23/2024	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,200
	1/23/2024	5.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,300
	1/23/2024	6.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
Trench-2	1/23/2024	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	1/23/2024	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	1/23/2024	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	1/23/2024	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
Trench-3	1/23/2024	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	1/23/2024	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	1/23/2024	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	1/23/2024	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
Trench-4	1/23/2024	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	1/23/2024	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	1/23/2024	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	1/23/2024	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Trench-5	1/23/2024	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
	1/23/2024	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	1/23/2024	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	1/23/2024	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Trench-6	1/23/2024	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1120
	1/23/2024	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
	1/23/2024	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	1/23/2024	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Trench-7	1/23/2024	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
	1/23/2024	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	1/23/2024	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	1/23/2024	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
Trench-8	1/23/2024	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,200
	1/23/2024	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	1/23/2024	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	1/23/2024	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0



**Table 1**  
**EOG Resources**  
**Almost Eddy 31 Federal #1H Layflat**  
**Lea County, New Mexico**

Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
RRALs							100 mg/kg	10 mg/kg					50 mg/kg	600 mg/kg
Trench-9	1/23/2024	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,360
	1/23/2024	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	1/23/2024	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	1/23/2024	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Trench-10	1/24/2024	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,440
	1/24/2024	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,240
	1/24/2024	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,880
	1/24/2024	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,300
	1/24/2024	5.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	1/24/2024	6.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Trench-11	1/24/2024	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,440
	1/24/2024	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,600
	1/24/2024	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,640
	1/24/2024	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,920
	1/24/2024	5.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,200
	1/24/2024	6.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
Trench-12	1/24/2024	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,440
	1/24/2024	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,720
	1/24/2024	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,560
	1/24/2024	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,600
	1/24/2024	5.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	720
	1/24/2024	6.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
Trench-13	1/24/2024	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,440
	1/24/2024	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,360
	1/24/2024	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	848
	1/24/2024	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	816
	1/24/2024	5.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	1/24/2024	6.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Trench-14	1/24/2024	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,080
	1/24/2024	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,360
	1/24/2024	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,240
	1/24/2024	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,920
	1/24/2024	5.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
	1/24/2024	6.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
	1/24/2024	7.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0

Table 1  
EOG Resources  
Almost Eddy 31 Federal #1H Layflat  
Lea County, New Mexico

Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
RRALs								100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg
H-1	1/24/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-2	1/24/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
H-3	1/24/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
H-4	1/24/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
H-5	1/24/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-6	1/24/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
H-7	1/24/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
H-8	1/24/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
H-9	1/24/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-10	1/24/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-11	1/24/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-12	1/24/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
H-13	1/24/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
H-14	1/24/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-15	1/24/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
H-16	1/24/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
H-17	1/24/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
H-18	1/24/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
H-19	1/24/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
H-20	1/24/2024	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256

NOTES

RRALs (Recommended Remediation Action Levels) are based on NMOCD (New Mexico Oil Conservation Devision) *Guidelines for Remediation of Leaks, Spills, and Releases*.

All screening values and results are presented in milligrams per kilogram (mg/kg)

**Bolded cells represent a detected concentration above the respective screening value.**

< = analyte was not detected above the respective sample detection limit

ft = feet below ground surface

(-) = not analyzed for respective constituent

TPH = total petroleum hydrocarbons

BTEX = benzene, toluene, ethylbenzene, xylene

  Exceedance



# Photographic Documentation

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300

330

0

30

60

90

☀ 7°N (T) LAT: 32.079545 LON: -103.707843 ±4m ▲ 1001m



Site Assessment

Tetra Tech

EOG - Almost Eddy 31 No.1H

Lay Fla

Jan 23 2024, 09:19:45 MST



210

240

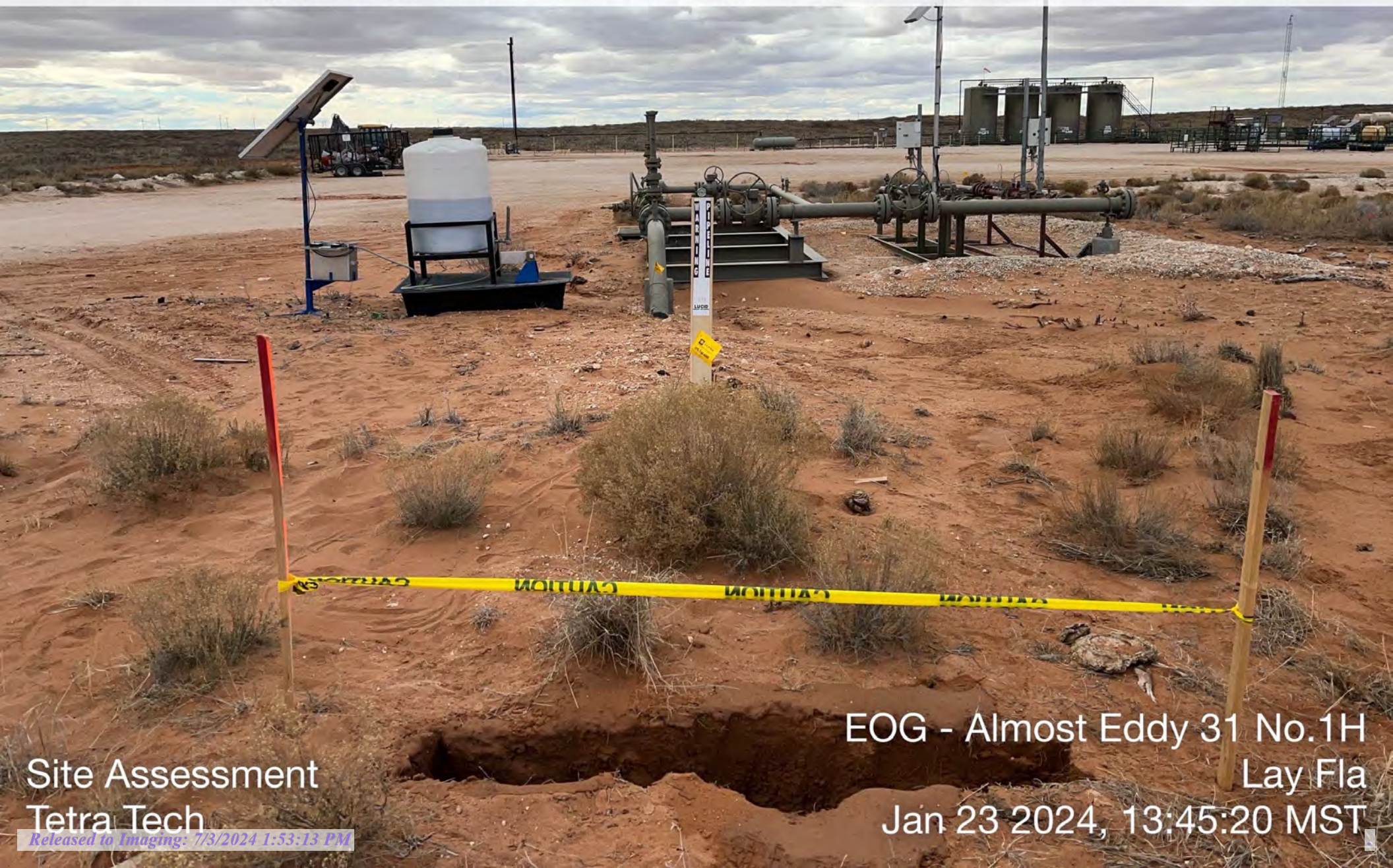
270

300

330

0

☉ 277°W (T) LAT: 32.079877 LON: -103.706325 ±4m ▲ 1001m



Site Assessment  
Tetra Tech

EOG - Almost Eddy 31 No.1H  
Lay Fla  
Jan 23 2024, 13:45:20 MST





☀ 182°S (T) LAT: 32.080543 LON: -103.706677 ±4m ▲ 1002m

Site Assessment  
Tetra Tech

EOG - Almost Eddy 31 No.1H  
Lay Fla  
Jan 23 2024, 13:42:20 MST



NE

E

SE

S

30

60

90

120

150

180

☀ 109°E (T) LAT: 32.080285 LON: -103.707179 ±4m ▲ 1005m



Site Assessment  
Tetra Tech

EOG - Almost Eddy 31 No.1H -  
Lay Fla  
Jan 23 2024, 13:41:32 MST





# Appendix A

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C-141 Document

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

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

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

Incident ID	nAPP2412980058
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name Todd Wells	Contact Telephone (432) 686-3613
Contact email Todd_Wells@eogresources.com	Incident # (assigned by OCD) nAPP2412980058
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.079848° Longitude -103.706557°  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Almost Eddy 31 Fed #1H Lay Flat Line	Site Type Lay Flat Line
Date Release Discovered 12/13/23	API# (if applicable)

Unit Letter	Section	Township	Range	County
P	31	25S	32E	Lea

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

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Reuse Water	Volume Released (bbls) 350	Volume Recovered (bbls) 145
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: The 12" lay flat line parted due to overpressure. This caused a release of approximately 350 bbls of reuse water on to the pad and in the pasture with 145 bbls recovered. The assessment of the release has been conducted and the remediation plan is being written.

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? More than 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, email notification to the OCD Enviro Inbox on 12/14/23.	

## Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Todd Wells</u>	Title: <u>Environmental Specialist</u>
Signature: <u>Todd Wells</u>	Date: <u>5/8/24</u>
email: <u>Todd_Wells@eogresources.com</u>	Telephone: <u>(432) 686-3613</u>
<b><u>OCD Only</u></b>	
Received by: _____	Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input 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 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 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 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 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 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 type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input 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.

Incident ID	
District RP	
Facility ID	
Application ID	

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

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

Signature: Todd Wells Date: \_\_\_\_\_

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

**OCD Only**

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

Incident ID	
District RP	
Facility ID	
Application ID	

## Remediation Plan

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

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

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

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

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

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

Signature: Todd Wells Date: \_\_\_\_\_

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

**OCD Only**

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

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

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



## Appendix B

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### Site Characterization Documents





[USGS Home](#)  
[Contact USGS](#)  
[Search USGS](#)

### National Water Information System: Web Interface

[USGS Water Resources](#)

**Data Category:**  
Groundwater

**Geographic Area:**  
United States

GO

Click to hide

News 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 =

- 320424103415401

Minimum number of levels = 1

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

### USGS 320424103415401 26S.31E.01.421322

Eddy County, New Mexico  
Latitude 32°04'24", Longitude 103°41'54" NAD27  
Land-surface elevation 3,294 feet above NAVD88  
This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
This well is completed in the Santa Rosa Sandstone (231SNRS) 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
1983-01-26		D	62610		3002.25	NGVD29	1	Z		
1983-01-26		D	62611		3003.88	NAVD88	1	Z		
1983-01-26		D	72019	290.12			1	Z		
1983-02-14		D	62610		3002.95	NGVD29	1	Z		
1983-02-14		D	62611		3004.58	NAVD88	1	Z		
1983-02-14		D	72019	289.42			1	Z		
1987-10-21		D	62610		3002.47	NGVD29	1	Z		
1987-10-21		D	62611		3004.10	NAVD88	1	Z		
1987-10-21		D	72019	289.90			1	Z		

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

[https://nwis.waterdata.usgs.gov/nwis/levels?site\\_no=320424103415401&agency\\_cd=USGS&format=html](https://nwis.waterdata.usgs.gov/nwis/levels?site_no=320424103415401&agency_cd=USGS&format=html)


Section	Code	Description
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	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

[Questions or Comments](#)  
[Automated retrievals](#)  
[Help](#)  
[Data Tips](#)  
[Explanation of terms](#)  
[Subscribe for system changes](#)  
[News](#)

AccessibilityFOIAPrivacyPolicies and Notices

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)  
**Title: Groundwater for USA: Water Levels**  
**URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels/>**

Page Contact Information: [USGS Water Data Support Team](#)  
Page Last Modified: 2024-02-01 12:49:55 EST  
0.35 0.32 nadww01





# New Mexico Office of the State Engineer

## Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
C	03829 POD1	3	3	1	06	26S	32E	620628	3549186

**Driller License:** 1607 **Driller Company:** DURAN DRILLING

**Driller Name:** DURAN, LUIS (TONY)

**Drill Start Date:** 02/11/2015 **Drill Finish Date:** 02/12/2015 **Plug Date:**

**Log File Date:** 02/23/2015 **PCW Rev Date:** **Source:** Shallow

**Pump Type:** **Pipe Discharge Size:** **Estimated Yield:** 58 GPM

**Casing Size:** 7.00 **Depth Well:** 646 feet **Depth Water:** 350 feet

Water Bearing Stratifications:	Top	Bottom	Description
	330	337	Sandstone/Gravel/Conglomerate
	390	470	Sandstone/Gravel/Conglomerate
	580	610	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	341	645

**Meter Number:** 16581 **Meter Make:** MASTERMETER  
**Meter Serial Number:** 32531561 **Meter Multiplier:** 100.0000  
**Number of Dials:** 6 **Meter Type:** Diversion  
**Unit of Measure:** Gallons **Return Flow Percent:**  
**Usage Multiplier:** **Reading Frequency:**

### Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
03/03/2015	2015	0	A	RPT		0	
04/02/2015	2015	4343	A	RPT		1.333	
04/30/2015	2015	4343	A	RPT		0	
05/31/2015	2015	4343	A	RPT		0	
07/01/2015	2015	4343	A	RPT		0	
08/01/2015	2015	4343	A	RPT		0	
08/31/2015	2015	4616	A	RPT		0.084	
10/01/2015	2015	4616	A	RPT		0	





**\*\*YTD Meter Amounts:** **Year** **Amount**  
2015 1.417

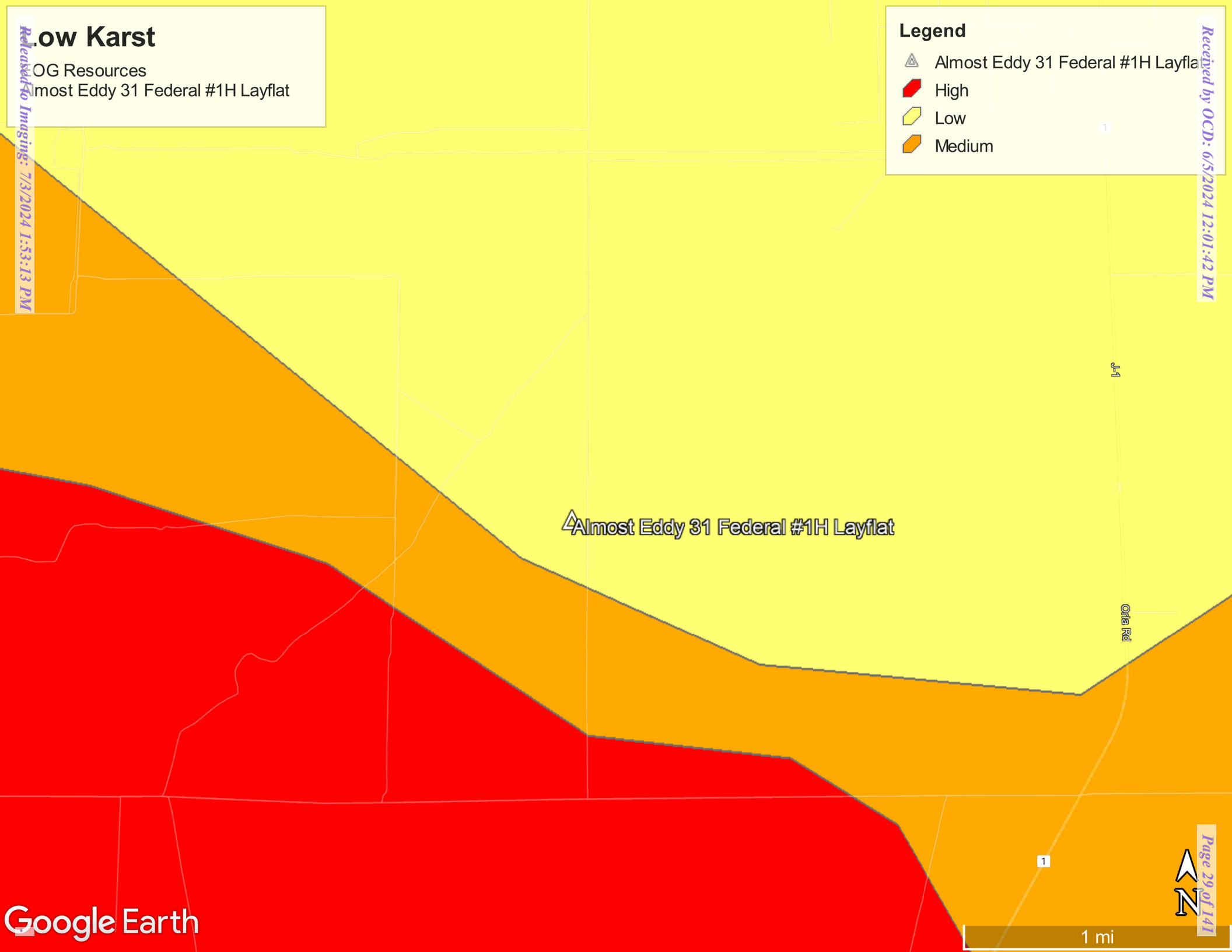
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

2/1/24 10:22 AM

POINT OF DIVERSION SUMMARY

**Legend**

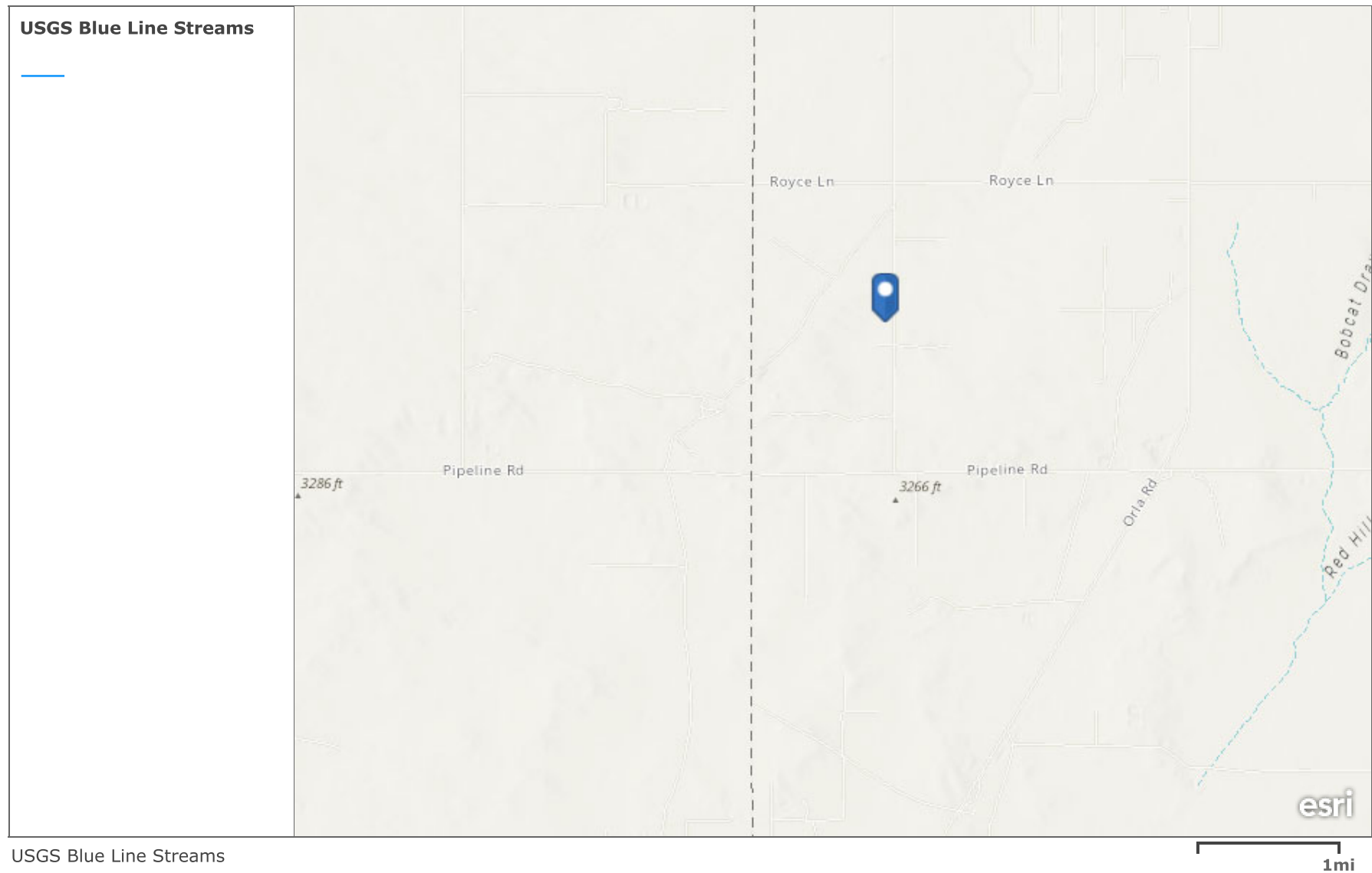
-  Almost Eddy 31 Federal #1H Layflat
-  High
-  Low
-  Medium





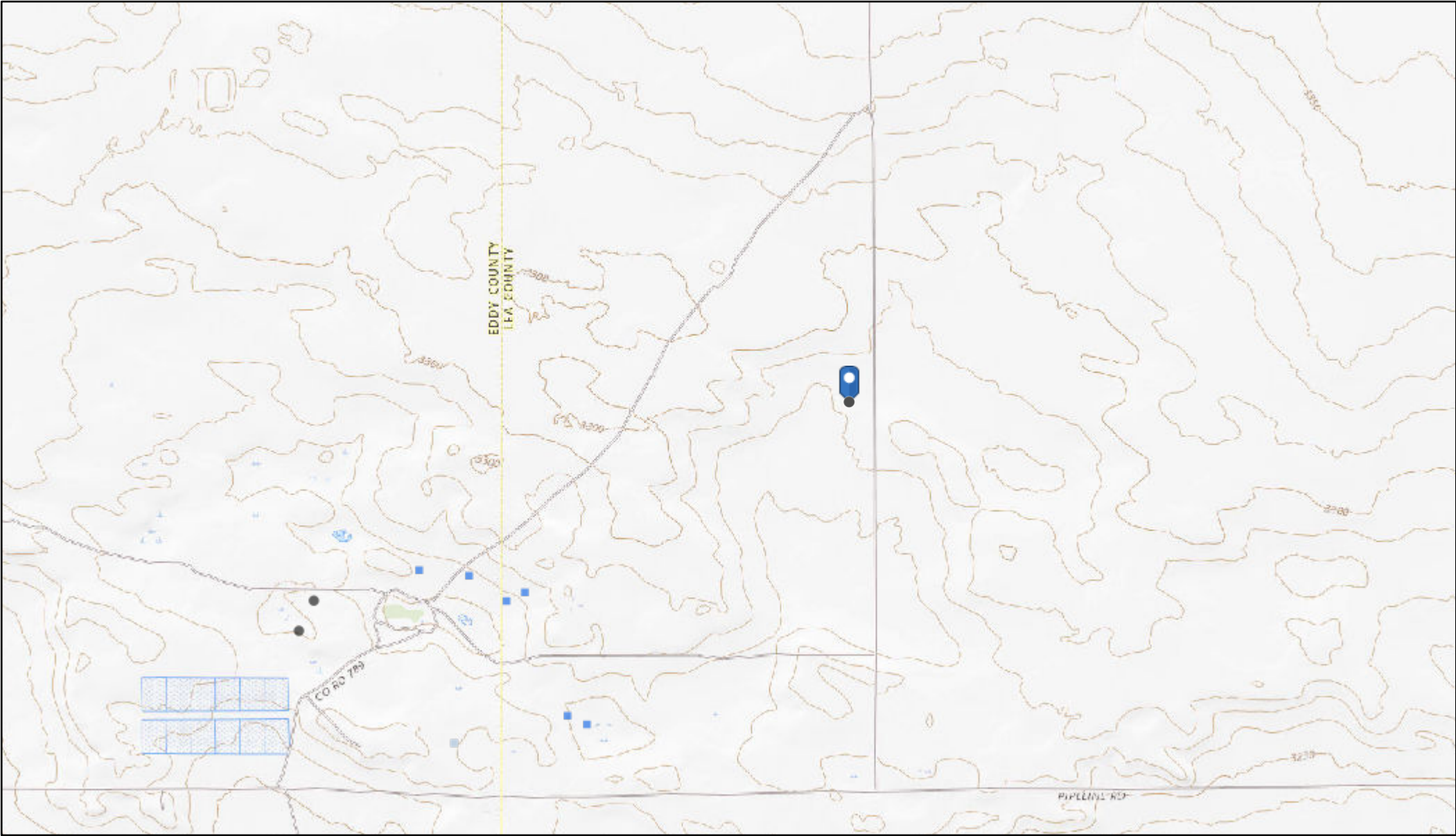


USGS Blue Line Streams



Esri, NASA, NGA, USGS, FEMA | Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS



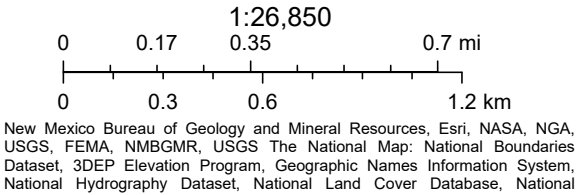


2/1/2024, 12:52:46 PM

NM Office of the State Engineer - Points of Diversion

■ Active

■ Other  
● All Projects







# Appendix C

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## Laboratory Reports



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

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January 29, 2024

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: ALMOST EDDY 31 FED NO. 1H LAY FLAT

Enclosed are the results of analyses for samples received by the laboratory on 01/24/24 14:24.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 BRITTANY LONG  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 ( 0-1' ) (H240321-01)**

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	01/25/2024	ND	2.12	106	2.00	6.03	
Toluene*	<0.050	0.050	01/25/2024	ND	2.10	105	2.00	5.97	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.09	104	2.00	5.82	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.11	102	6.00	6.18	
Total BTX	<0.300	0.300	01/25/2024	ND					

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

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	01/25/2024	ND	432	108	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	193	96.4	200	3.81	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	201	101	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 ( 2' ) (H240321-02)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.12	106	2.00	6.03		
Toluene*	<0.050	0.050	01/25/2024	ND	2.10	105	2.00	5.97		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.09	104	2.00	5.82		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.11	102	6.00	6.18		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2360	16.0	01/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	193	96.4	200	3.81	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	201	101	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 ( 3' ) (H240321-03)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.12	106	2.00	6.03		
Toluene*	<0.050	0.050	01/25/2024	ND	2.10	105	2.00	5.97		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.09	104	2.00	5.82		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.11	102	6.00	6.18		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2840	16.0	01/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	193	96.4	200	3.81	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	201	101	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 ( 4' ) (H240321-04)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.12	106	2.00	6.03		
Toluene*	<0.050	0.050	01/25/2024	ND	2.10	105	2.00	5.97		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.09	104	2.00	5.82		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.11	102	6.00	6.18		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3200	16.0	01/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	193	96.4	200	3.81	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	201	101	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 ( 5' ) (H240321-05)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.12	106	2.00	6.03		
Toluene*	<0.050	0.050	01/25/2024	ND	2.10	105	2.00	5.97		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.09	104	2.00	5.82		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.11	102	6.00	6.18		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1300	16.0	01/25/2024	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	01/25/2024	ND	193	96.4	200	3.81	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	201	101	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 ( 6' ) (H240321-06)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.12	106	2.00	6.03		
Toluene*	<0.050	0.050	01/25/2024	ND	2.10	105	2.00	5.97		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.09	104	2.00	5.82		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.11	102	6.00	6.18		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/25/2024	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	01/25/2024	ND	193	96.4	200	3.81	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	201	101	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 ( 0-1' ) (H240321-07)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2024	ND	2.12	106	2.00	6.03	
Toluene*	<0.050	0.050	01/25/2024	ND	2.10	105	2.00	5.97	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.09	104	2.00	5.82	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.11	102	6.00	6.18	
Total BTEX	<0.300	0.300	01/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/25/2024	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	01/25/2024	ND	193	96.4	200	3.81	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	201	101	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 ( 2' ) (H240321-08)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.12	106	2.00	6.03		
Toluene*	<0.050	0.050	01/25/2024	ND	2.10	105	2.00	5.97		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.09	104	2.00	5.82		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.11	102	6.00	6.18		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/25/2024	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	01/25/2024	ND	193	96.4	200	3.81		
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	201	101	200	2.53		
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND						

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 BRITTANY LONG  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 ( 3' ) (H240321-09)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2024	ND	2.12	106	2.00	6.03	
Toluene*	<0.050	0.050	01/25/2024	ND	2.10	105	2.00	5.97	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.09	104	2.00	5.82	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.11	102	6.00	6.18	
Total BTEX	<0.300	0.300	01/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/25/2024	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	01/25/2024	ND	193	96.4	200	3.81	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	201	101	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 ( 4' ) (H240321-10)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.12	106	2.00	6.03		
Toluene*	<0.050	0.050	01/25/2024	ND	2.10	105	2.00	5.97		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.09	104	2.00	5.82		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.11	102	6.00	6.18		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/25/2024	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	01/25/2024	ND	193	96.4	200	3.81		
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	201	101	200	2.53		
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND						

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 3 ( 0-1' ) (H240321-11)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.12	106	2.00	6.03		
Toluene*	<0.050	0.050	01/25/2024	ND	2.10	105	2.00	5.97		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.09	104	2.00	5.82		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.11	102	6.00	6.18		
Total BTEx	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/25/2024	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	01/25/2024	ND	193	96.4	200	3.81	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	201	101	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 3 ( 2' ) (H240321-12)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.12	106	2.00	6.03		
Toluene*	<0.050	0.050	01/25/2024	ND	2.10	105	2.00	5.97		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.09	104	2.00	5.82		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.11	102	6.00	6.18		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/25/2024	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	01/25/2024	ND	180	89.9	200	0.107	QR-03
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	173	86.5	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 3 ( 3' ) (H240321-13)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.12	106	2.00	6.03		
Toluene*	<0.050	0.050	01/25/2024	ND	2.10	105	2.00	5.97		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.09	104	2.00	5.82		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.11	102	6.00	6.18		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/25/2024	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	01/25/2024	ND	180	89.9	200	0.107	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	173	86.5	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 3 ( 4' ) (H240321-14)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.12	106	2.00	6.03		
Toluene*	<0.050	0.050	01/25/2024	ND	2.10	105	2.00	5.97		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.09	104	2.00	5.82		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.11	102	6.00	6.18		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/25/2024	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	01/25/2024	ND	180	89.9	200	0.107	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	173	86.5	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 ( 0-1' ) (H240321-15)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.12	106	2.00	6.03		
Toluene*	<0.050	0.050	01/25/2024	ND	2.10	105	2.00	5.97		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.09	104	2.00	5.82		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.11	102	6.00	6.18		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/25/2024	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	01/25/2024	ND	180	89.9	200	0.107	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	173	86.5	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

TETRA TECH  
 BRITTANY LONG  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 ( 2' ) (H240321-16)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.12	106	2.00	6.03		
Toluene*	<0.050	0.050	01/25/2024	ND	2.10	105	2.00	5.97		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.09	104	2.00	5.82		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.11	102	6.00	6.18		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/25/2024	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	01/25/2024	ND	180	89.9	200	0.107	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	173	86.5	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 ( 3' ) (H240321-17)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.12	106	2.00	6.03		
Toluene*	<0.050	0.050	01/25/2024	ND	2.10	105	2.00	5.97		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.09	104	2.00	5.82		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.11	102	6.00	6.18		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/25/2024	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	01/25/2024	ND	180	89.9	200	0.107	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	173	86.5	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 ( 4' ) (H240321-18)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.12	106	2.00	6.03		
Toluene*	<0.050	0.050	01/25/2024	ND	2.10	105	2.00	5.97		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.09	104	2.00	5.82		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.11	102	6.00	6.18		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/25/2024	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	01/25/2024	ND	180	89.9	200	0.107	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	173	86.5	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 5 ( 0-1' ) (H240321-19)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.12	106	2.00	6.03		
Toluene*	<0.050	0.050	01/25/2024	ND	2.10	105	2.00	5.97		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.09	104	2.00	5.82		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.11	102	6.00	6.18		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	01/25/2024	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	01/26/2024	ND	180	89.9	200	0.107	
DRO >C10-C28*	<10.0	10.0	01/26/2024	ND	173	86.5	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/26/2024	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 5 ( 2' ) (H240321-20)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.12	106	2.00	6.03		
Toluene*	<0.050	0.050	01/25/2024	ND	2.10	105	2.00	5.97		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.09	104	2.00	5.82		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.11	102	6.00	6.18		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/25/2024	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	01/25/2024	ND	180	89.9	200	0.107	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	173	86.5	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 5 ( 3' ) (H240321-21)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.17	108	2.00	6.43		
Toluene*	<0.050	0.050	01/25/2024	ND	2.19	109	2.00	6.13		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.18	109	2.00	6.73		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.62	110	6.00	6.02		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/25/2024	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	01/25/2024	ND	180	89.9	200	0.107	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	173	86.5	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 63.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 5 ( 4' ) (H240321-22)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.17	108	2.00	6.43		
Toluene*	<0.050	0.050	01/25/2024	ND	2.19	109	2.00	6.13		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.18	109	2.00	6.73		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.62	110	6.00	6.02		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/25/2024	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	01/25/2024	ND	180	89.9	200	0.107	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	173	86.5	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 6 ( 0-1' ) (H240321-23)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2024	ND	2.17	108	2.00	6.43	
Toluene*	<0.050	0.050	01/25/2024	ND	2.19	109	2.00	6.13	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.18	109	2.00	6.73	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.62	110	6.00	6.02	
Total BTEX	<0.300	0.300	01/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1120	16.0	01/25/2024	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	01/25/2024	ND	180	89.9	200	0.107	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	173	86.5	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 54.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 50.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 6 ( 2' ) (H240321-24)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.17	108	2.00	6.43		
Toluene*	<0.050	0.050	01/25/2024	ND	2.19	109	2.00	6.13		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.18	109	2.00	6.73		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.62	110	6.00	6.02		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	01/25/2024	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	01/25/2024	ND	180	89.9	200	0.107	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	173	86.5	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 6 ( 3' ) (H240321-25)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.17	108	2.00	6.43		
Toluene*	<0.050	0.050	01/25/2024	ND	2.19	109	2.00	6.13		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.18	109	2.00	6.73		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.62	110	6.00	6.02		
Total BTEx	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/25/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	180	89.9	200	0.107	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	173	86.5	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 BRITTANY LONG  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 6 ( 4' ) (H240321-26)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.17	108	2.00	6.43		
Toluene*	<0.050	0.050	01/25/2024	ND	2.19	109	2.00	6.13		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.18	109	2.00	6.73		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.62	110	6.00	6.02		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/25/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	180	89.9	200	0.107	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	173	86.5	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 7 ( 0-1' ) (H240321-27)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2024	ND	2.17	108	2.00	6.43	
Toluene*	<0.050	0.050	01/25/2024	ND	2.19	109	2.00	6.13	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.18	109	2.00	6.73	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.62	110	6.00	6.02	
Total BTEX	<0.300	0.300	01/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	01/25/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	180	89.9	200	0.107	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	173	86.5	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 73.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 7 ( 2' ) (H240321-28)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.17	108	2.00	6.43		
Toluene*	<0.050	0.050	01/25/2024	ND	2.19	109	2.00	6.13		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.18	109	2.00	6.73		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.62	110	6.00	6.02		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/25/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	180	89.9	200	0.107	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	173	86.5	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 7 ( 3' ) (H240321-29)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.17	108	2.00	6.43		
Toluene*	<0.050	0.050	01/25/2024	ND	2.19	109	2.00	6.13		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.18	109	2.00	6.73		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.62	110	6.00	6.02		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/25/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	180	89.9	200	0.107	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	173	86.5	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 7 ( 4' ) (H240321-30)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.17	108	2.00	6.43		
Toluene*	<0.050	0.050	01/25/2024	ND	2.19	109	2.00	6.13		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.18	109	2.00	6.73		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.62	110	6.00	6.02		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/25/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	180	89.9	200	0.107	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	173	86.5	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 8 ( 0-1' ) (H240321-31)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2024	ND	2.17	108	2.00	6.43	
Toluene*	<0.050	0.050	01/25/2024	ND	2.19	109	2.00	6.13	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.18	109	2.00	6.73	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.62	110	6.00	6.02	
Total BTEX	<0.300	0.300	01/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3200	16.0	01/25/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	180	89.9	200	0.107	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	173	86.5	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 64.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 8 ( 2' ) (H240321-32)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.17	108	2.00	6.43		
Toluene*	<0.050	0.050	01/25/2024	ND	2.19	109	2.00	6.13		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.18	109	2.00	6.73		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.62	110	6.00	6.02		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/25/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	201	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	196	98.2	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 8 ( 3' ) (H240321-33)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.17	108	2.00	6.43		
Toluene*	<0.050	0.050	01/25/2024	ND	2.19	109	2.00	6.13		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.18	109	2.00	6.73		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.62	110	6.00	6.02		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/25/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	201	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	196	98.2	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 8 ( 4' ) (H240321-34)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.17	108	2.00	6.43		
Toluene*	<0.050	0.050	01/25/2024	ND	2.19	109	2.00	6.13		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.18	109	2.00	6.73		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.62	110	6.00	6.02		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/25/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	201	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	196	98.2	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 9 ( 0-1' ) (H240321-35)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2024	ND	2.17	108	2.00	6.43	
Toluene*	<0.050	0.050	01/25/2024	ND	2.19	109	2.00	6.13	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.18	109	2.00	6.73	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.62	110	6.00	6.02	
Total BTEX	<0.300	0.300	01/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5360	16.0	01/25/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	201	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	196	98.2	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 9 ( 2' ) (H240321-36)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.17	108	2.00	6.43		
Toluene*	<0.050	0.050	01/25/2024	ND	2.19	109	2.00	6.13		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.18	109	2.00	6.73		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.62	110	6.00	6.02		
Total BTEx	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/25/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	201	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	196	98.2	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 9 ( 3' ) (H240321-37)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.17	108	2.00	6.43		
Toluene*	<0.050	0.050	01/25/2024	ND	2.19	109	2.00	6.13		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.18	109	2.00	6.73		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.62	110	6.00	6.02		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/25/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	201	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	196	98.2	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/23/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 9 ( 4' ) (H240321-38)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.17	108	2.00	6.43		
Toluene*	<0.050	0.050	01/25/2024	ND	2.19	109	2.00	6.13		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.18	109	2.00	6.73		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.62	110	6.00	6.02		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/25/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	201	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	196	98.2	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 10 ( 0-1' ) (H240321-39)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.17	108	2.00	6.43		
Toluene*	<0.050	0.050	01/25/2024	ND	2.19	109	2.00	6.13		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.18	109	2.00	6.73		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.62	110	6.00	6.02		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2440	16.0	01/25/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	201	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	196	98.2	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 10 ( 2' ) (H240321-40)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2024	ND	2.17	108	2.00	6.43	
Toluene*	<0.050	0.050	01/25/2024	ND	2.19	109	2.00	6.13	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.18	109	2.00	6.73	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.62	110	6.00	6.02	
Total BTEX	<0.300	0.300	01/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3240	16.0	01/25/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	201	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	196	98.2	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 10 ( 3' ) (H240321-41)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2024	ND	2.02	101	2.00	4.73	
Toluene*	<0.050	0.050	01/25/2024	ND	2.04	102	2.00	4.42	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.06	103	2.00	4.09	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.13	102	6.00	4.01	
Total BTEX	<0.300	0.300	01/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2880	16.0	01/25/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	201	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	196	98.2	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 10 ( 4' ) (H240321-42)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.02	101	2.00	4.73		
Toluene*	<0.050	0.050	01/25/2024	ND	2.04	102	2.00	4.42		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.06	103	2.00	4.09		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.13	102	6.00	4.01		
Total BTEx	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1300	16.0	01/25/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	201	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	196	98.2	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 11 ( 0-1' ) (H240321-43)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.02	101	2.00	4.73		
Toluene*	<0.050	0.050	01/25/2024	ND	2.04	102	2.00	4.42		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.06	103	2.00	4.09		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.13	102	6.00	4.01		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2440	16.0	01/25/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	201	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	196	98.2	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 11 ( 2' ) (H240321-44)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.02	101	2.00	4.73		
Toluene*	<0.050	0.050	01/25/2024	ND	2.04	102	2.00	4.42		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.06	103	2.00	4.09		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.13	102	6.00	4.01		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2600	16.0	01/25/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	201	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	196	98.2	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 11 ( 3' ) (H240321-45)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.02	101	2.00	4.73		
Toluene*	<0.050	0.050	01/25/2024	ND	2.04	102	2.00	4.42		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.06	103	2.00	4.09		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.13	102	6.00	4.01		
Total BTEx	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2640	16.0	01/25/2024	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	01/25/2024	ND	201	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	196	98.2	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 11 ( 4' ) (H240321-46)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.02	101	2.00	4.73		
Toluene*	<0.050	0.050	01/25/2024	ND	2.04	102	2.00	4.42		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.06	103	2.00	4.09		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.13	102	6.00	4.01		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3920	16.0	01/25/2024	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	01/25/2024	ND	201	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	196	98.2	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 12 ( 0-1' ) (H240321-47)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.02	101	2.00	4.73		
Toluene*	<0.050	0.050	01/25/2024	ND	2.04	102	2.00	4.42		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.06	103	2.00	4.09		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.13	102	6.00	4.01		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2440	16.0	01/25/2024	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	01/25/2024	ND	201	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	196	98.2	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 12 ( 2' ) (H240321-48)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2024	ND	2.02	101	2.00	4.73	
Toluene*	<0.050	0.050	01/25/2024	ND	2.04	102	2.00	4.42	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.06	103	2.00	4.09	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.13	102	6.00	4.01	
Total BTEX	<0.300	0.300	01/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	01/25/2024	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	01/25/2024	ND	201	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	196	98.2	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 49.1-148

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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 12 ( 3' ) (H240321-49)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.02	101	2.00	4.73		
Toluene*	<0.050	0.050	01/25/2024	ND	2.04	102	2.00	4.42		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.06	103	2.00	4.09		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.13	102	6.00	4.01		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2560	16.0	01/25/2024	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	01/25/2024	ND	201	101	200	1.24		
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	196	98.2	200	2.09		
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND						

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 12 ( 4' ) (H240321-50)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2024	ND	2.02	101	2.00	4.73	
Toluene*	<0.050	0.050	01/25/2024	ND	2.04	102	2.00	4.42	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.06	103	2.00	4.09	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.13	102	6.00	4.01	
Total BTEX	<0.300	0.300	01/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	01/25/2024	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	01/25/2024	ND	201	101	200	1.24	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	196	98.2	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
 BRITTANY LONG  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 13 ( 0-1' ) (H240321-51)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.02	101	2.00	4.73		
Toluene*	<0.050	0.050	01/25/2024	ND	2.04	102	2.00	4.42		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.06	103	2.00	4.09		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.13	102	6.00	4.01		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3440	16.0	01/25/2024	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	01/25/2024	ND	201	101	200	1.24		
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	196	98.2	200	2.09		
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND						

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 13 ( 2' ) (H240321-52)**

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	01/25/2024	ND	2.02	101	2.00	4.73	
Toluene*	<0.050	0.050	01/25/2024	ND	2.04	102	2.00	4.42	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.06	103	2.00	4.09	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.13	102	6.00	4.01	
Total BTEX	<0.300	0.300	01/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	01/25/2024	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	01/25/2024	ND	193	96.6	200	4.01	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	225	113	200	11.5	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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**Analytical Results For:**

TETRA TECH  
 BRITTANY LONG  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 13 ( 3' ) (H240321-53)**

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	01/25/2024	ND	2.02	101	2.00	4.73	
Toluene*	<0.050	0.050	01/25/2024	ND	2.04	102	2.00	4.42	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.06	103	2.00	4.09	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.13	102	6.00	4.01	
Total BTEX	<0.300	0.300	01/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	848	16.0	01/25/2024	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	01/25/2024	ND	193	96.6	200	4.01	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	225	113	200	11.5	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 13 ( 4' ) (H240321-54)**

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	01/25/2024	ND	2.02	101	2.00	4.73		
Toluene*	<0.050	0.050	01/25/2024	ND	2.04	102	2.00	4.42		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.06	103	2.00	4.09		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.13	102	6.00	4.01		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	816	16.0	01/25/2024	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	01/25/2024	ND	193	96.6	200	4.01		
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	225	113	200	11.5		
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND						

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 14 ( 0-1' ) (H240321-55)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2024	ND	2.02	101	2.00	4.73	
Toluene*	<0.050	0.050	01/25/2024	ND	2.04	102	2.00	4.42	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.06	103	2.00	4.09	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.13	102	6.00	4.01	
Total BTEX	<0.300	0.300	01/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4080	16.0	01/25/2024	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	01/25/2024	ND	193	96.6	200	4.01	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	225	113	200	11.5	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 14 ( 2' ) (H240321-56)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2024	ND	2.02	101	2.00	4.73	
Toluene*	<0.050	0.050	01/25/2024	ND	2.04	102	2.00	4.42	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.06	103	2.00	4.09	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.13	102	6.00	4.01	
Total BTEX	<0.300	0.300	01/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2360	16.0	01/25/2024	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	01/25/2024	ND	193	96.6	200	4.01	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	225	113	200	11.5	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 14 ( 3' ) (H240321-57)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.02	101	2.00	4.73		
Toluene*	<0.050	0.050	01/25/2024	ND	2.04	102	2.00	4.42		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.06	103	2.00	4.09		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.13	102	6.00	4.01		
Total BTEx	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3240	16.0	01/25/2024	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	01/25/2024	ND	193	96.6	200	4.01	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	225	113	200	11.5	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 14 ( 4' ) (H240321-58)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2024	ND	2.02	101	2.00	4.73	
Toluene*	<0.050	0.050	01/25/2024	ND	2.04	102	2.00	4.42	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.06	103	2.00	4.09	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.13	102	6.00	4.01	
Total BTEX	<0.300	0.300	01/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2920	16.0	01/25/2024	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	01/25/2024	ND	193	96.6	200	4.01	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	225	113	200	11.5	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 1 (H240321-59)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.02	101	2.00	4.73		
Toluene*	<0.050	0.050	01/25/2024	ND	2.04	102	2.00	4.42		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.06	103	2.00	4.09		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.13	102	6.00	4.01		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/25/2024	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	01/25/2024	ND	193	96.6	200	4.01	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	225	113	200	11.5	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 2 (H240321-60)**

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	01/25/2024	ND	2.02	101	2.00	4.73		
Toluene*	<0.050	0.050	01/25/2024	ND	2.04	102	2.00	4.42		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.06	103	2.00	4.09		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.13	102	6.00	4.01		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/25/2024	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	01/25/2024	ND	193	96.6	200	4.01	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	225	113	200	11.5	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
 BRITTANY LONG  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 3 (H240321-61)**

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	01/25/2024	ND	2.32	116	2.00	8.22	QM-07	
Toluene*	<0.050	0.050	01/25/2024	ND	2.15	108	2.00	10.6		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.22	111	2.00	11.8		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.58	110	6.00	12.2		
Total BTEx	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	01/25/2024	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	01/25/2024	ND	193	96.6	200	4.01	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	225	113	200	11.5	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 4 (H240321-62)**

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	01/25/2024	ND	2.32	116	2.00	8.22		
Toluene*	<0.050	0.050	01/25/2024	ND	2.15	108	2.00	10.6		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.22	111	2.00	11.8		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.58	110	6.00	12.2		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/25/2024	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	01/25/2024	ND	193	96.6	200	4.01	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	225	113	200	11.5	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 5 (H240321-63)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.32	116	2.00	8.22		
Toluene*	<0.050	0.050	01/25/2024	ND	2.15	108	2.00	10.6		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.22	111	2.00	11.8		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.58	110	6.00	12.2		
Total BTEx	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/25/2024	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	01/25/2024	ND	193	96.6	200	4.01	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	225	113	200	11.5	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 6 (H240321-64)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.32	116	2.00	8.22		
Toluene*	<0.050	0.050	01/25/2024	ND	2.15	108	2.00	10.6		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.22	111	2.00	11.8		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.58	110	6.00	12.2		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	01/25/2024	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	01/25/2024	ND	193	96.6	200	4.01	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	225	113	200	11.5	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 7 (H240321-65)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.32	116	2.00	8.22		
Toluene*	<0.050	0.050	01/25/2024	ND	2.15	108	2.00	10.6		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.22	111	2.00	11.8		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.58	110	6.00	12.2		
Total BTEx	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	193	96.6	200	4.01	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	225	113	200	11.5	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 8 (H240321-66)**

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	01/25/2024	ND	2.32	116	2.00	8.22		
Toluene*	<0.050	0.050	01/25/2024	ND	2.15	108	2.00	10.6		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.22	111	2.00	11.8		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.58	110	6.00	12.2		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	01/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	193	96.6	200	4.01	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	225	113	200	11.5	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 9 (H240321-67)**

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	01/25/2024	ND	2.32	116	2.00	8.22		
Toluene*	<0.050	0.050	01/25/2024	ND	2.15	108	2.00	10.6		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.22	111	2.00	11.8		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.58	110	6.00	12.2		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	193	96.6	200	4.01	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	225	113	200	11.5	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 10 (H240321-68)**

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	01/25/2024	ND	2.32	116	2.00	8.22		
Toluene*	<0.050	0.050	01/25/2024	ND	2.15	108	2.00	10.6		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.22	111	2.00	11.8		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.58	110	6.00	12.2		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	193	96.6	200	4.01	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	225	113	200	11.5	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
 BRITTANY LONG  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 11 (H240321-69)**

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	01/25/2024	ND	2.32	116	2.00	8.22		
Toluene*	<0.050	0.050	01/25/2024	ND	2.15	108	2.00	10.6		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.22	111	2.00	11.8		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.58	110	6.00	12.2		
Total BTEx	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	193	96.6	200	4.01	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	225	113	200	11.5	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 12 (H240321-70)**

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	01/25/2024	ND	2.32	116	2.00	8.22		
Toluene*	<0.050	0.050	01/25/2024	ND	2.15	108	2.00	10.6		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.22	111	2.00	11.8		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.58	110	6.00	12.2		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	193	96.6	200	4.01	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	225	113	200	11.5	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 13 (H240321-71)**

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	01/25/2024	ND	2.32	116	2.00	8.22	
Toluene*	<0.050	0.050	01/25/2024	ND	2.15	108	2.00	10.6	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.22	111	2.00	11.8	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.58	110	6.00	12.2	
Total BTEX	<0.300	0.300	01/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/25/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	193	96.6	200	4.01	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	225	113	200	11.5	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 14 (H240321-72)**

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	01/25/2024	ND	2.32	116	2.00	8.22		
Toluene*	<0.050	0.050	01/25/2024	ND	2.15	108	2.00	10.6		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.22	111	2.00	11.8		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.58	110	6.00	12.2		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	178	88.9	200	5.56	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	193	96.7	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 15 (H240321-73)**

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	01/25/2024	ND	2.32	116	2.00	8.22		
Toluene*	<0.050	0.050	01/25/2024	ND	2.15	108	2.00	10.6		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.22	111	2.00	11.8		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.58	110	6.00	12.2		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	178	88.9	200	5.56	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	193	96.7	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 16 (H240321-74)**

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	01/25/2024	ND	2.32	116	2.00	8.22	
Toluene*	<0.050	0.050	01/25/2024	ND	2.15	108	2.00	10.6	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.22	111	2.00	11.8	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.58	110	6.00	12.2	
Total BTEX	<0.300	0.300	01/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	01/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	178	88.9	200	5.56	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	193	96.7	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 17 (H240321-75)**

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	01/25/2024	ND	2.32	116	2.00	8.22		
Toluene*	<0.050	0.050	01/25/2024	ND	2.15	108	2.00	10.6		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.22	111	2.00	11.8		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.58	110	6.00	12.2		
Total BTEX	<0.300	0.300	01/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	01/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	178	88.9	200	5.56	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	193	96.7	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 18 (H240321-76)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.32	116	2.00	8.22		
Toluene*	<0.050	0.050	01/25/2024	ND	2.15	108	2.00	10.6		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.22	111	2.00	11.8		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.58	110	6.00	12.2		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	01/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	178	88.9	200	5.56	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	193	96.7	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 19 (H240321-77)**

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	01/25/2024	ND	2.32	116	2.00	8.22	
Toluene*	<0.050	0.050	01/25/2024	ND	2.15	108	2.00	10.6	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.22	111	2.00	11.8	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.58	110	6.00	12.2	
Total BTEX	<0.300	0.300	01/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	01/25/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	178	88.9	200	5.56	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	193	96.7	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 20 (H240321-78)**

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	01/25/2024	ND	2.32	116	2.00	8.22	
Toluene*	<0.050	0.050	01/25/2024	ND	2.15	108	2.00	10.6	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.22	111	2.00	11.8	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.58	110	6.00	12.2	
Total BTEX	<0.300	0.300	01/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	01/25/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	178	88.9	200	5.56	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	193	96.7	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 10 ( 5' ) (H240321-79)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2024	ND	2.32	116	2.00	8.22	
Toluene*	<0.050	0.050	01/25/2024	ND	2.15	108	2.00	10.6	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.22	111	2.00	11.8	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.58	110	6.00	12.2	
Total BTEX	<0.300	0.300	01/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	178	88.9	200	5.56	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	193	96.7	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 10 ( 6' ) (H240321-80)**

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	01/25/2024	ND	2.32	116	2.00	8.22	
Toluene*	<0.050	0.050	01/25/2024	ND	2.15	108	2.00	10.6	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.22	111	2.00	11.8	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	6.58	110	6.00	12.2	
Total BTX	<0.300	0.300	01/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/25/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	178	88.9	200	5.56	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	193	96.7	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 11 ( 5' ) (H240321-81)**

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	01/25/2024	ND	2.28	114	2.00	7.73	QR-03	
Toluene*	<0.050	0.050	01/25/2024	ND	2.43	122	2.00	7.69		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.57	129	2.00	7.56		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	7.79	130	6.00	7.68		
Total BTX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2200	16.0	01/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	178	88.9	200	5.56	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	193	96.7	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 11 ( 6' ) (H240321-82)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.28	114	2.00	7.73		
Toluene*	<0.050	0.050	01/25/2024	ND	2.43	122	2.00	7.69		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.57	129	2.00	7.56		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	7.79	130	6.00	7.68		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	01/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	178	88.9	200	5.56	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	193	96.7	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 12 ( 5' ) (H240321-83)**

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	01/25/2024	ND	2.28	114	2.00	7.73	
Toluene*	<0.050	0.050	01/25/2024	ND	2.43	122	2.00	7.69	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.57	129	2.00	7.56	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	7.79	130	6.00	7.68	
Total BTEX	<0.300	0.300	01/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	01/25/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	178	88.9	200	5.56	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	193	96.7	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 12 ( 6' ) (H240321-84)**

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	01/25/2024	ND	2.28	114	2.00	7.73	
Toluene*	<0.050	0.050	01/25/2024	ND	2.43	122	2.00	7.69	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.57	129	2.00	7.56	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	7.79	130	6.00	7.68	
Total BTEX	<0.300	0.300	01/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/25/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	178	88.9	200	5.56	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	193	96.7	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 13 ( 5' ) (H240321-85)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.28	114	2.00	7.73		
Toluene*	<0.050	0.050	01/25/2024	ND	2.43	122	2.00	7.69		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.57	129	2.00	7.56		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	7.79	130	6.00	7.68		
Total BTEx	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/25/2024	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	178	88.9	200	5.56	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	193	96.7	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 13 ( 6' ) (H240321-86)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.28	114	2.00	7.73		
Toluene*	<0.050	0.050	01/25/2024	ND	2.43	122	2.00	7.69		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.57	129	2.00	7.56		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	7.79	130	6.00	7.68		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/25/2024	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	178	88.9	200	5.56	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	193	96.7	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 14 ( 5' ) (H240321-87)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2024	ND	2.28	114	2.00	7.73	
Toluene*	<0.050	0.050	01/25/2024	ND	2.43	122	2.00	7.69	
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.57	129	2.00	7.56	
Total Xylenes*	<0.150	0.150	01/25/2024	ND	7.79	130	6.00	7.68	
Total BTEX	<0.300	0.300	01/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	01/25/2024	ND	416	104	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	178	88.9	200	5.56	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	193	96.7	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 14 ( 6' ) (H240321-88)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.28	114	2.00	7.73		
Toluene*	<0.050	0.050	01/25/2024	ND	2.43	122	2.00	7.69		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.57	129	2.00	7.56		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	7.79	130	6.00	7.68		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	01/25/2024	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	178	88.9	200	5.56	
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	193	96.7	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

TETRA TECH  
BRITTANY LONG  
901 WEST WALL STREET , STE 100  
MIDLAND TX, 79701  
Fax To: (432) 682-3946

Received:	01/24/2024	Sampling Date:	01/24/2024
Reported:	01/29/2024	Sampling Type:	Soil
Project Name:	ALMOST EDDY 31 FED NO. 1H LAY FLAT	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 14 ( 7' ) (H240321-89)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2024	ND	2.28	114	2.00	7.73		
Toluene*	<0.050	0.050	01/25/2024	ND	2.43	122	2.00	7.69		
Ethylbenzene*	<0.050	0.050	01/25/2024	ND	2.57	129	2.00	7.56		
Total Xylenes*	<0.150	0.150	01/25/2024	ND	7.79	130	6.00	7.68		
Total BTEX	<0.300	0.300	01/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/25/2024	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/25/2024	ND	178	88.9	200	5.56		
DRO >C10-C28*	<10.0	10.0	01/25/2024	ND	193	96.7	200	1.39		
EXT DRO >C28-C36	<10.0	10.0	01/25/2024	ND						

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
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 125 of 141  
Received by OCD: 6/5/2024 12:01:42 PM  
Released to Imaging: 7/3/2024 1:53:13 PM

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 W Wall Street, Ste 100  
Midland, Texas 79701  
Tel (432) 682-4559  
Fax (432) 682-3946

Client Name: EOG  
Project Name: Almost Eddy 31 Fed No.1H Lay Flat  
Project Location: (county, state) Lea County, NM  
Invoice to: ATTN : EOG Todd Wells  
Receiving Laboratory: Cardinal Labs  
Comments:

Site Manager: Brittany Long  
(432) 741-5813  
[Brittany.long@tetratech.com](mailto:Brittany.long@tetratech.com)  
Project #: 212C-MD-  
Sampler Signature: Miguel A. Flores

ANALYSIS REQUEST  
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD				# CONTAINERS	FILTERED (Y/N)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
		YEAR: 2024		WATER	SOIL	HCL	HNO <sub>3</sub>	ICE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

Quished by: *[Signature]* Date: 1/24/24 Time: 14:24  
Received by: *[Signature]* Date: 1-24-24 Time: 1424

Quished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Quished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

LAB USE ONLY

Sample Temperature: 5.5c

#140

REMARKS:

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY



Page 126 of 141  
Received by OCD: 6/5/2024 12:01:42 PM  
Released to Imaging: 7/3/2024 1:53:13 PM

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 W Wall Street, Ste 100  
Midland, Texas 79701  
Tel (432) 682-4559  
Fax (432) 682-3946

Page 2 of 0

Page 93 of 101

Client Name: EOG  
Project Name: Almost Eddy 31 Fed No.1H Lay Flat  
Project Location: (county, state) Lea County, NM  
Invoice to: ATTN : EOG Todd Wells  
Receiving Laboratory: Cardinal Labs  
Comments:

Site Manager: Brittany Long  
(432) 741-5813  
[Brittany.long@tetrattech.com](mailto:Brittany.long@tetrattech.com)  
Project #: 212C-MD-  
Sampler Signature: Miguel A. Flores

ANALYSIS REQUEST  
(Circle or Specify Method No.)

LAB #  (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD				# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Sulfate	TDS	General Water Chemistry	Anion/Cation Balance																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Quished by: [Signature] Date: 4/24/24 Time: 1424  
Received by: [Signature] Date: 4/24/24 Time: 1424  
Quished by: [Signature] Date: [ ] Time: [ ]  
Received by: [Signature] Date: [ ] Time: [ ]  
Quished by: [Signature] Date: [ ] Time: [ ]  
Received by: [Signature] Date: [ ] Time: [ ]

LAB USE ONLY  
Sample Temperature: 5.5  
#140

REMARKS:  
☐ RUSH: Same Day 24 hr 48 hr 72 hr  
☐ Rush Charges Authorized  
☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

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Page 127 of 141  
Received by OGD: 6/5/2024 12:01:42 PM  
Released to Imaging: 7/3/2024 1:53:13 PM

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 W Wall Street, Ste 100  
Midland, Texas 79701  
Tel (432) 682-4559  
Fax (432) 682-3946

Page 3 of 0

Page 94 of 101

Client Name: EOG  
Project Name: Almost Eddy 31 Fed No.1H Lay Flat  
Project Location: (county, state) Lea County, NM  
Invoice to: ATTN : EOG Todd Wells  
Receiving Laboratory: Cardinal Labs  
Comments:   
Site Manager: Brittany Long  
(432) 741-5813  
Brittany.long@tetrattech.com  
Project #: 212C-MD-  
Sampler Signature: Miguel A. Flores

ANALYSIS REQUEST  
(Circle or Specify Method No.)

LAB #  (LAB USE ONLY)		SAMPLE IDENTIFICATION		SAMPLING		MATRIX		PRESERVATIVE METHOD			# CONTAINERS	FILTERED (Y/N)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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Quished by: *[Signature]* Date: 4/5/10/1 Time: 1/24  
Quished by: *[Signature]* Date: 1-24-24 Time: 1424  
Quished by: *[Signature]* Date: Time:   
Received by: *[Signature]* Date: Time:   
Received by: *[Signature]* Date: Time:   
Received by: *[Signature]* Date: Time:

LAB USE ONLY  
Sample Temperature: 5.5  
#140  
REMARKS:  
☐ RUSH: Same Day 24 hr 48 hr 72 hr  
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Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 W Wall Street, Ste 100  
Midland, Texas 79701  
Tel (432) 682-4559  
Fax (432) 682-3946

Page 4 of 10

Client Name: EOG  
Project Name: Almost Eddy 31 Fed No.1H Lay Flat  
Project Location: (county, state) Lea County, NM  
Invoice to: ATTN : EOG Todd Wells  
Receiving Laboratory: Cardinal Labs  
Comments:

Site Manager: Brittany Long  
(432) 741-5813  
[Brittany.long@tetrattech.com](mailto:Brittany.long@tetrattech.com)  
Project #: 212C-MD-  
Sampler Signature: Miguel A. Flores

ANALYSIS REQUEST  
(Circle or Specify Method No.)

LAB #  (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX			PRESERVATIVE METHOD				# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRQ)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Sulfate	TDS	General Water Chemistry	Anion/Cation Balance	Hold																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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Quished by: *[Signature]* Date: 1/24/24 Time: 1424  
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Received by: *[Signature]* Date: 1/24/24 Time: 1424  
Received by: *[Signature]* Date: 1/24/24 Time: 1424  
Received by: *[Signature]* Date: 1/24/24 Time: 1424

LAB USE ONLY

Sample Temperature

5.5C  
#140

REMARKS:

- ☐ RUSH: Same Day 24 hr 48 hr 72 hr  
☐ Rush Charges Authorized  
☐ Special Report Limits or TRRP Report

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Page 5 of 5

**ANALYSIS REQUEST**  
(Circle or Specify Method No.)

[illegible]

<b>LAB USE ONLY</b>  Sample Temperature 5.5  #140	<b>REMARKS:</b>  <input type="checkbox"/> <b>RUSH:</b> Same Day    24 hr    48 hr    72 hr  <input type="checkbox"/> Rush Charges Authorized  <input type="checkbox"/> Special Report Limits or TRRP Report
	(Circle) HAND DELIVERED    FEDEX    UPS    Tracking #: _____

(Circle) HAND DELIVERED FEDEX UPS Tracking #:





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**ANALYSIS REQUEST**  
(Circle or Specify Method No.)

Received by OCD: 6/5/2024 12:01:42 PM

☐ **RUSH:** Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 W Wall Street, Ste 100  
Midland, Texas 79701  
Tel (432) 682-4559  
Fax (432) 682-3946

Client Name: EOG  
Project Name: Almost Eddy 31 Fed No.1H Lay Flat  
Project Location: Lea County, NM  
Invoice to: ATTN : EOG Todd Wells  
Receiving Laboratory: Cardinal Labs  
Comments:

Site Manager: Brittany Long  
(432) 741-5813  
Brittany.long@tetratech.com  
Project #: 212C-MD-  
Sampler Signature: Miguel A. Flores

ANALYSIS REQUEST  
(Circle or Specify Method No.)

BTEX 8021B	BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Sulfate	TDS	General Water Chemistry (see attached list)	Anion/Cation Balance
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2024		MATRIX		PRESERVATIVE METHOD				# CONTAINERS	FILTERED (Y/N)
		DATE	TIME	WATER	SOIL	HCL	HNO <sub>3</sub>	ICE			
4240321	H-3	1/24/2024		X			X				
4240321	H-4	1/24/2024		X			X				
4240321	H-5	1/24/2024		X			X				
4240321	H-6	1/24/2024		X			X				
4240321	H-7	1/24/2024		X			X				
4240321	H-8	1/24/2024		X			X				
4240321	H-9	1/24/2024		X			X				
4240321	H-10	1/24/2024		X			X				
4240321	H-11	1/24/2024		X			X				
4240321	H-12	1/24/2024		X			X				
		1/24/2024		X			X				

Acquished by: [Signature] Date: 1/24/24 Time: 1425  
Received by: [Signature] Date: 1/24/24 Time: 1424

Acquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Acquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

LAB USE ONLY

Sample Temperature: 5.5°C  
#140

REMARKS:

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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Page 132 of 141  
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Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 W Wall Street, Ste 100  
Midland, Texas 79701  
Tel (432) 682-4559  
Fax (432) 682-3946

Client Name: EOG  
Project Name: Almost Eddy 31 Fed No.1H Lay Flat  
Project Location: Lea County, NM  
Invoice to: ATTN : EOG Todd Wells  
Receiving Laboratory: Cardinal Labs  
Comments:

Site Manager: Brittany Long  
(432) 741-5813  
Brittany.long@tetratech.com  
Project #: 212C-MD-  
Sampler Signature: Miguel A. Flores

ANALYSIS REQUEST  
(Circle or Specify Method No.)

H240321  
LAB #  
(LAB USE ONLY)

LAB #  (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD			# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	BTEX 8260B / 624	TPH TX1005 (Ext to C35)	TPH 8015M ( GRO - DIPOLE )	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Sulfate	TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold	
		DATE	TIME	WATER	SOIL	HCL	HNO3	ICE																								
71	H-13	1/24/2024		X			X				X	X														X						
72	H-14	1/24/2024		X			X				X	X														X						
73	H-15	1/24/2024		X			X				X	X														X						
74	H-16	1/24/2024		X			X				X	X														X						
75	H-17	1/24/2024		X			X				X	X														X						
76	H-18	1/24/2024		X			X				X	X														X						
77	H-19	1/24/2024		X			X				X	X														X						
78	H-20	1/24/2024		X			X				X	X														X						
		1/24/2024		X			X				X	X														X						

Requested by: [Signature] Date: 6/24/24 Time: 1:25  
Received by: [Signature] Date: 6/24/24 Time: 1:24

Requested by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Requested by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

LAB USE ONLY

Sample Temperature: 5.5°C #140

REMARKS:

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

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Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 W Wall Street, Ste 100  
Midland, Texas 79701  
Tel (432) 682-4559  
Fax (432) 682-3946

Page 9 of 10

Page 100 of 101

Client Name: EOG Site Manager: Brittany Long  
Project Name: Almost Eddy 31 Fed No.1H Lay Flat (432) 741-5813  
Project Location: Lea County, NM Project #: 212C-MD-  
Invoice to: ATTN : EOG Todd Wells  
Receiving Laboratory: Cardinal Labs Sampler Signature: Miguel A. Flores  
Comments:

ANALYSIS REQUEST  
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD				# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO)	PAH 8270C	Total Metals Ag As Ba Cd	TCLP Metals Ag As Ba Cd	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Sulfate	TDS	General Water Chemistry	Anion/Cation Balance	Hold
		YEAR: 2024		WATER	SOIL	HCL	HNO <sub>3</sub>	ICE																								
		DATE	TIME																													
79	T-10 (5')	1/24/2024		X			X				X	X	X	X																		
80	T-10 (6')	1/24/2024		X			X				X	X	X	X												X						
81	T-11 (5')	1/24/2024		X			X				X	X	X	X												X						
82	T-11 (6')	1/24/2024		X			X				X	X	X	X												X						
83	T-12 (5')	1/24/2024		X			X				X	X	X	X												X						
84	T-12 (6')	1/24/2024		X			X				X	X	X	X												X						
85	T-13 (5')	1/24/2024		X			X				X	X	X	X												X						
86	T-13 (6')	1/24/2024		X			X				X	X	X	X												X						
87	T-14 (5')	1/24/2024		X			X				X	X	X	X												X						
88	T-14 (6')	1/24/2024		X			X				X	X	X	X												X						
Acquired by: [Signature]		Date: [Signature]	Time: [Signature]	Received by: [Signature]		Date: [Signature]	Time: [Signature]				X	X													X							

Received by: [Signature] Date: 1/24/24 Time: 1425  
Received by: [Signature] Date: 1/24/24 Time: 1424  
Received by: [Signature] Date: 1/24/24 Time: 1424

LAB USE ONLY

Sample Temperature  
5.5c  
#140

REMARKS:  
☐ RUSH: Same Day 24 hr 48 hr 72 hr  
☐ Rush Charges Authorized  
☐ Special Report Limits or TRRP Report

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(Circle) HAND DELIVERED FEDEX UPS Tracking #:



901 W Wall Street, Ste 100  
Midland, Texas 79701  
Tel (432) 682-4559  
Fax (432) 682-3946

Client Name:	EOG	Site Manager:	Brittany Long
Project Name:	Almost Eddy 31 Fed No.1H Lay Flat		(432) 741-5813
Project Location: (county, state)	Lea County, NM		<a href="mailto:Brittany.long@tetrattech.com">Brittany.long@tetrattech.com</a>
Invoice to:		Project #:	212C-MD-
Receiving Laboratory:	ATTN : EOG Todd Wells		
Comments:	Cardinal Labs	Sampler Signature:	Miguel A. Flores

**ANALYSIS REQUEST**  
(Circle or Specify Method No.)

TPH TX1005 (Ext to C35)	
TPH 8015M (GRO - DRO - ORO)	
PAH 8270C	
Total Metals Ag As Ba Cd Cr Pb Se Hg	
TCLP Metals Ag As Ba Cd Cr Pb Se Hg	
TCLP Volatiles	
TCLP Semi Volatiles	
RCI	
GC/MS Vol. 8260B / 624	
GC/MS Semi. Vol. 8270C/625	
PCB's 8082 / 608	
NORM	
PLM (Asbestos)	
Chloride	
Chloride Sulfate TDS	
General Water Chemistry (see attached list)	
Anion/Cation Balance	

[illegible]

LAB USE  
ONLY

Sample Temperature

#140

REMARKS:

☐ **RUSH:** Same Day 24 hr 48 hr 72 hr☐ Rush Charges Authorized☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

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**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS  
  
Action 351033

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID:
	7377
	Action Number:
	351033
Action Type:	
[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2412980058
Incident Name	NAPP2412980058 ALMOST EDDY 31 FED #1H LAY FLAT LINE @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Almost Eddy 31 Fed #1H Lay Flat Line
Date Release Discovered	12/13/2023
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: High Line Pressure   Pipeline (Any)   Produced Water   Released: 350 BBL   Recovered: 145 BBL   Lost: 205 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

**District I**

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Phone:(575) 393-6161 Fax:(575) 393-0720

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Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
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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**

QUESTIONS, Page 2

Action 351033

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID:	7377
	Action Number:	351033
	Action Type:	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

**Initial Response**

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	NA

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 06/05/2024
--	--

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QUESTIONS, Page 3

Action 351033

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID:
	7377
	Action Number: 351033
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS****Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride	(EPA 300.0 or SM4500 Cl B)	5360
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	0
GRO+DRO	(EPA SW-846 Method 8015M)	0
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	07/10/2024
On what date will (or did) the final sampling or liner inspection occur	07/30/2024
On what date will (or was) the remediation complete(d)	08/15/2024
What is the estimated surface area (in square feet) that will be reclaimed	33664
What is the estimated volume (in cubic yards) that will be reclaimed	8564
What is the estimated surface area (in square feet) that will be remediated	56789
What is the estimated volume (in cubic yards) that will be remediated	8564

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.



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Action 351033

**QUESTIONS (continued)**

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	Action Number:	351033
	Action Type:	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS****Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	TX
What is the name of the out-of-state facility	Desert Treatment, Recovery and Disposal Facility
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 06/05/2024
--	--

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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Action 351033

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 351033
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Deferral Requests Only</b>	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6  
  
Action 351033

QUESTIONS (continued)

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	Action Type:	
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS  
  
Action 351033

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 351033
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation plan is approved with the following conditions; 1. OCD accepts EOG's depth to water determination by advancing its boring to 105 feet below grade. 2. EOGs sampling frequency of 500 square feet per one 5-point composite sample is approved for the excavation floor samples. Sidewalls will require a sampling frequency of 200 square feet per one 5-point composite sample. 3. EOG has until September 19, 2024 to submit to OCD its appropriate or final remediation closure report.	6/21/2024