

## Report Type: Closure Report (nAPP2320048988)

## General Site Information:

Site:	Convoy Central CTB				
Company:	EOG Resources				
Section, Township and Range	Unit G	Sec. 28	T 24S	R 33E	
Lease Number:					
County:	Lea County				
GPS:	32.192135°			-103.576488°	
Surface Owner:	State				
Mineral Owner:					
Directions:	From intersection NM-128 and CR-2, travel south on 2 for 1.42 miles. Turn right (west) onto lease road, follow for 0.49 miles. Turn left (south) onto location.				

## Release Data:

Date Released:	7/18/2023
Type Release:	Produced Water
Source of Contamination:	Broken poly pipe
Fluid Released:	0 bbl oil / 100 bbls water
Fluids Recovered:	0 bbl oil / 50 bbls 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:	70' bgs
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	100 mg/kg	100 mg/kg	600 mg/kg



February 27, 2024

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

**RE: Remediation Work Plan  
EOG Resources  
Convoy Central CTB  
Lea County, New Mexico  
nAPP2320048988**

Oil Conservation Division:

Tetra Tech, Inc. (Tetra Tech) was contracted by EOG Resources (EOG) to assess a release that occurred at the Convoy Central CTB, Unit G, Section 28, Township 24 South, Range 33 East, Lea County, New Mexico (Site). The spill site coordinates are 32.192436°, -103.576510°. 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 break in a poly line saddle connection between a main SWD line and a facility pump, causing the release of 100 barrels (bbls) of produced water. The release was an overspray inside and outside of the secondary containment on the pad, around the booster pumps and under the pipe rack at the Site, impacting an area of 160' in length with a width ranging from 25' to 95'. Additionally, 50 bbls of produced water were recovered from the release. On July 18, 2023, the release was discovered. On July 19, 2023, the release was reported 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, USGS Mapper, and Karst map 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 boundary, 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 two closest water wells within a 1.5-mile radius of the Site. The well reported on the NMOSE Water Rights Reporting System reports a total depth of 120 ft bgs and measured water level of 70 ft bgs and is approximately 0.77 miles of the Site. The well reported on the USGS National Water Information System reports a water level measured at 94.35 ft bgs and is approximately 1.43 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
0.77 Miles	12/31/1890	NMOSE	120'	70'
1.43 Miles	03/01/1996	USGS	-	94.35'

### **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, the proposed RRAL for TPH is 100 mg/kg (GRO + DRO + ORO). Additionally, based on the site characterization, the proposed RRAL for chlorides is 600 mg/kg.

### **Site Assessment Activities**

#### Initial Site Assessment Activities

Tetra Tech conducted site assessment activities on July 21, 2023. A total of five (5) auger holes (AH-1 through AH-5) were installed to depths ranging from surface to 2.0 ft bgs, to attempt to assess and vertically delineate the impacted the area. Deeper samples were not collected due to dense geological formation. Additionally, a total of five (5) horizontals (H-1 through H-5) were installed to total depths of 0.5 and 1.0 ft bgs, to horizontally delineate the impact. The impact and sample locations are shown on **Figure 3**.

The samples were submitted to Eurofins Laboratories in Midland, Texas and Cardinal Laboratories in Hobbs, New Mexico to be analyzed for TPH by method 8015 modified, BTEX by method 8021B, and Chloride by EPA Method 300.0 or Method SM 4500. The analytical results are summarized in **Table 1** and the analytical laboratory reports are included in **Appendix C**.



Referring to Table 1, auger holes (AH-1, AH-2 and AH-4) indicated chloride concentrations above RRALs with concentrations ranging from 848 mg/kg to 2,800 mg/kg at depths ranging from 0.5 ft bgs to 2 ft bgs. None of the auger holes (AH-1 and AH-5) indicated TPH or BTEX concentrations above RRALs. Additionally, horizontal borings (H-1 through H-5) indicated chloride concentrations below RRALs, with the exception of (H-4) which indicated a chloride concentration of 816 mg/kg and 736 mg/kg at 0.5 ft bgs and 1 ft bgs, respectively. Additionally, total TPH concentrations ranging 183.3 mg/kg to 2,046 mg/kg were detected in horizontal soil borings (H-4 and H-5) at depths ranging from 0.5 ft bgs to 1 ft bgs.. Vertical delineation of TPH and Chloride was not found in the auger (AH-1 and AH-4) due to auger refusal. Additionally, auger hole (AH-3 and AH-5), and horizontals (H-1 through H-3) did not indicate benzene, TPH, or chloride concentrations above RRALs. None of the soil borings indicated BTEX concentrations above laboratory reporting limits.

#### Additional Site Assessment Activities

On December 11, 2023, a total of three (3) delineation trenches (T-1, T-2 and T-4) were installed to total depths of 4 ft bgs in areas of auger holes (AH-1, AH-2, and AH-4), where auger refusal was encountered during the initial delineation assessment activities, to attempt to fully delineate the release impacted area. The impact and sample locations are shown on **Figure 3**.

The samples were submitted to Eurofins Laboratories in Midland, Texas and Cardinal Laboratories in Hobbs, New Mexico to be analyzed for TPH by method 8015 modified, BTEX by method 8021B, and Chloride by EPA Method 300.0 or Method SM 4500. The analytical results are summarized in **Table 1** and the analytical laboratory reports are included in **Appendix C**.

Referring to Table 1, delineation trenches (T-1 through T-3) indicated BTEX, TPH and chloride concentrations below RRALs, with the exception of (T-3) at 3 ft bgs, which indicated a chloride concentration exceedance of 768 mg/kg.

#### **Remediation Activities**

Tetra Tech conducted remediation activities from December 12, 2023, through December 18, 2023. The areas of impact were remediated to depths ranging from 1.5 ft bgs to 3.5 ft bgs. The remediation areas and depths are shown on **Figure 4**.

Following remediation activities, Tetra Tech conducted confirmation sampling by collecting 5-point composite bottom hole samples and 5-point composite sidewall samples every 200 square feet within the remediation. All confirmation samples are collected as a composite 5-point die pattern to ensure a representative sample of sidewalls and floor of the excavation are collected. The confirmation sample notification was sent to the NMOCD via email, on December 8, 2023, at 2:08 PM, and a copy of the notice is provided in **Appendix D**. Additionally, a C-141N was filed for the sampling notification as well, and is attached along with the final C-141 in **Appendix A**. A total of nine (9) bottom holes (C-1 through C-9) were collected and a total of thirteen (13) sidewalls (West-West SW, West-North SW, West-East SW, West-South SW, and East SW-1 through East SW-9) were collected to confirm full removal of the impacted soil. The confirmation soil samples were submitted to the Cardinal Laboratory in Hobbs, New Mexico to be analyzed for TPH by method 8015 modified, BTEX by method 8021B, and Chloride by EPA



Method 300.0 and EPA Method 4500. The analytical results are summarized in **Table 2** and the analytical laboratory reports are included in **Appendix C**.

Regarding all final samples collected from the remediation, analytical results indicated benzene, BTEX, TPH, and chloride concentrations were below the RRALs.

## Conclusions

Based on the C-141's (nAPP2320048988) 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, the RRALs of 600 mg/kg for chlorides and 100 mg/kg for TPH were followed. Based on Tetra Tech assessment activities, auger holes (AH-1, AH-2, and AH-4) and horizontal soil borings (H-4 and H-5) indicated chloride and TPH concentrations that exceeded RRALs and required remediation.

Following remediation of the areas of impact, Tetra Tech conducted confirmation soil sampling of the area by collecting 5-point composite confirmation bottom hole and sidewall samples to ensure the impacted soil was fully removed. Approximately 211 cubic yards total of impacted soil was removed and properly disposed of. The area was backfilled with clean to surface grade material. The analytical results indicated all confirmation samples reported below the RRALs for all constituents. Based on this information, it is recommended that the remediated pad at this Site requires no further action. 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 blue ink that reads "John Faught".

John Faught,  
Project Manager

A handwritten signature in blue ink that reads "Brittany Long".

Brittany Long,  
Project Manager

A handwritten signature in blue ink that reads "Clair Gonzales".

Clair Gonzales, P.G.  
Senior Project Manager



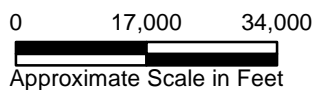
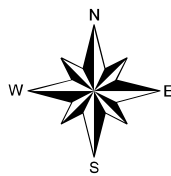
# Figures

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▲ SITE LOCATION



**FIGURE 1**  
**SITE OVERVIEW**  
**CONVOY CENTRAL CTB**  
**LEA COUNTY, NEW MEXICO**  
**32.192345°, -103.576356°**

Project: 212C-MD-02958

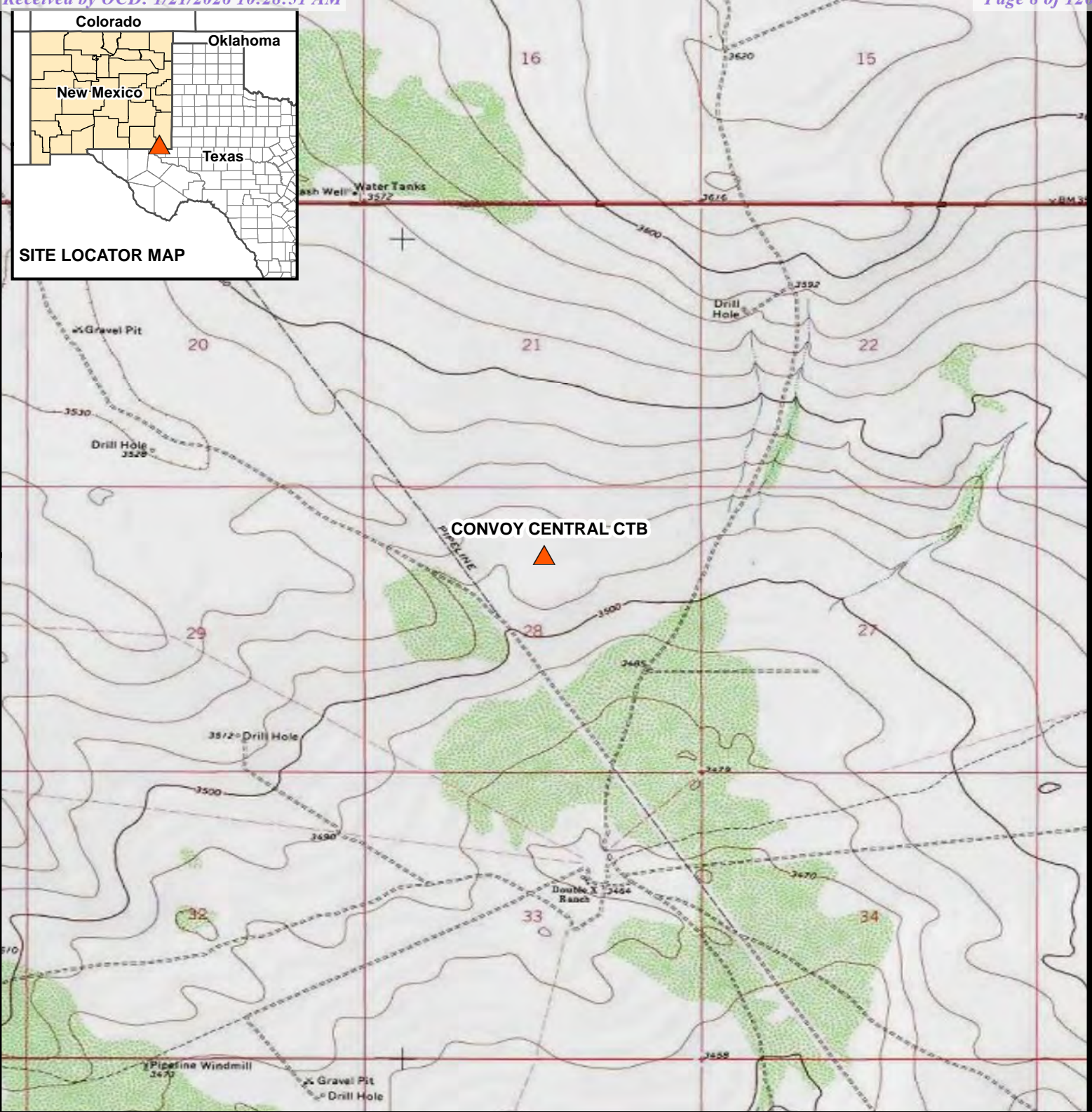
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Name: 02958 - Figure 1 - Convoy Central CTB

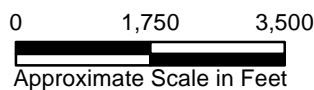
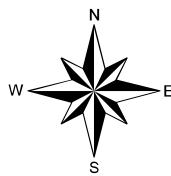


Service Layer Credits: World Street Map, ESRI.

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▲ SITE LOCATION



**FIGURE 2**  
**TOPOGRAPHIC MAP**  
**CONVOY CENTRAL CTB**  
**LEA COUNTY, NEW MEXICO**  
**32.192345°, -103.576356°**

Project: 212C-MD-02958

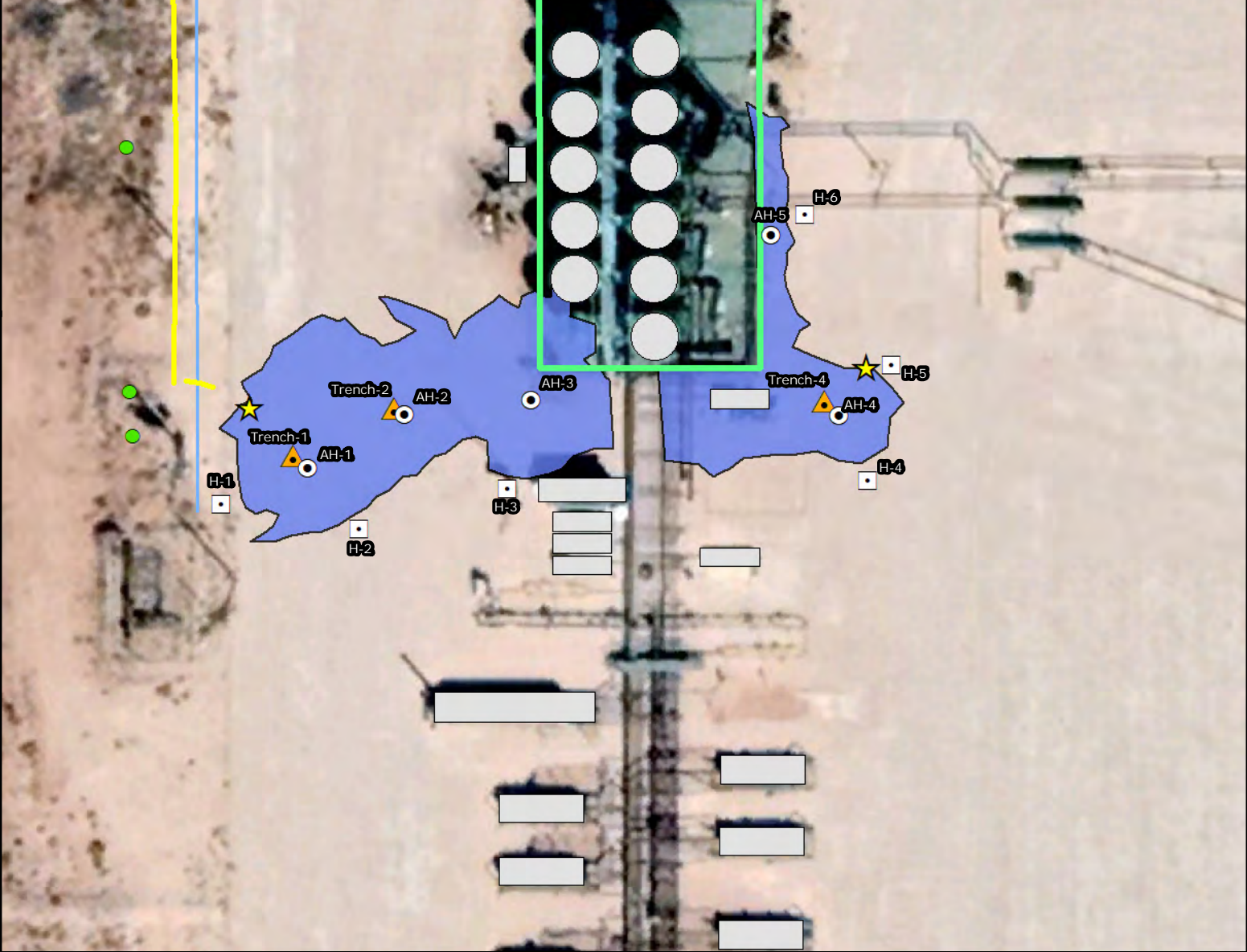
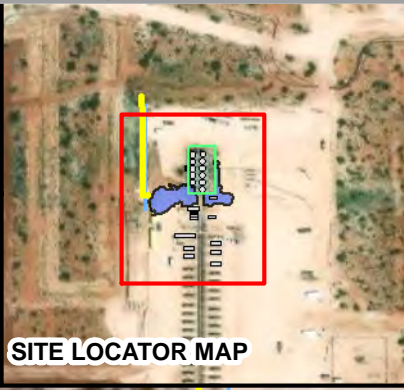
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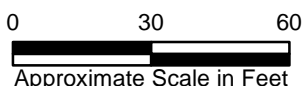
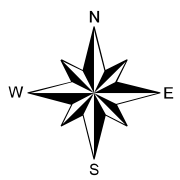


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- ELECTRIC POST
- ▲ TRENCH LOCATION
- HORIZONTAL SAMPLE LOCATION
- AUGERHOLE SAMPLE LOCATION
- ★ RELEASE POINT
- SECONDARY CONTAINMENT
- FENCING
- OVERHEAD POWER LINES
- FACILITY UTILITIES
- SPILL EXTENT



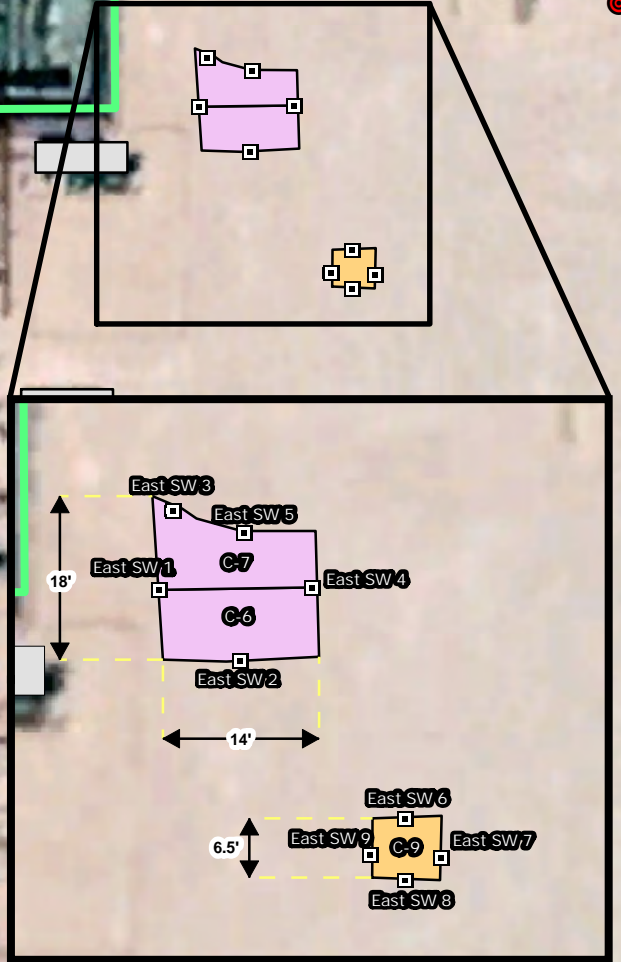
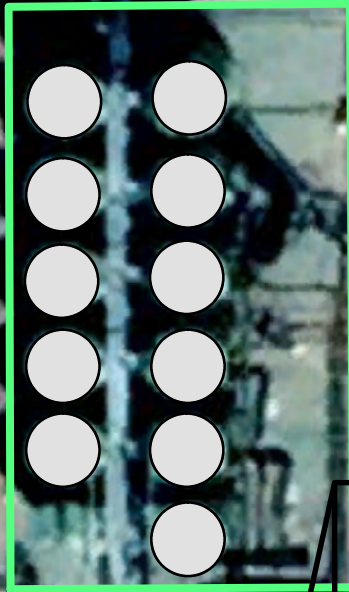
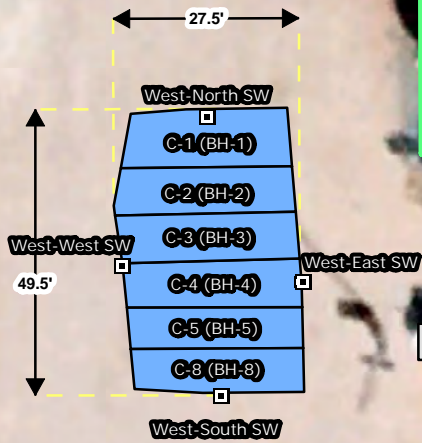
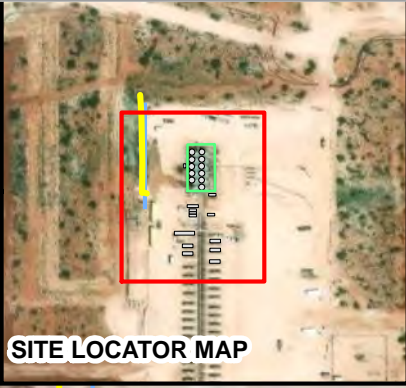
**FIGURE 3**  
**SITE ASSESSMENT MAP**  
**CONVOY CENTRAL CTB**  
**LEA COUNTY, NEW MEXICO**  
 32.192345°, -103.576356°

Project: 212C-MD-02958
Date: 1/31/2024
Name: 02958 - Figure 3 - Convoy Central CTB

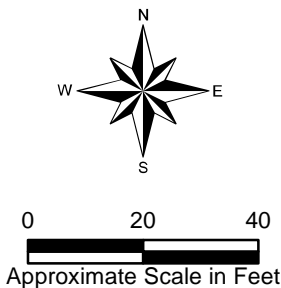


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Service Layer Credits: World Street Map, ESRI.



- BH** BOREHOLE SAMPLE LOCATION
- SIDEWALL SAMPLE LOCATION
- FLARE LOCATION
- ELECTRIC POST
- SECONDARY CONTAINMENT
- FENCING
- OVERHEAD POWER LINES
- FACILITY UTILITIES
- 1.5' DEPTH EXCAVATION
- 3' DEPTH EXCAVATION
- 3.5' DEPTH EXCAVATION



**FIGURE 4**  
EXAVATION DEPTH AND AREA MAP  
CONVOY CENTRAL CTB  
LEA COUNTY, NEW MEXICO  
32.192345°, -103.576356°

Project: 212C-MD-02958  
Date: 1/31/2024  
Name: 02958 - Figure 4 - Convoy Central CTB



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# Tables

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**Table 1  
EOG Resources  
Convoy Central CTB  
Eddy County, New Mexico**

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				BTEX (mg/kg)				Chloride (mg/kg)		
			In-Situ	Removed	GRO mg/kg	DRO mg/kg	ORO mg/kg	Total mg/kg	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)		Total (mg/Kg)	
<b>RRALs</b>					<b>100 mg/kg</b>				<b>10 mg/kg</b>				<b>50 mg/kg</b>		<b>600 mg/kg</b>
<b>Release Assessment Sampling</b>															
AH-1	7/21/2023	0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>1,380</b>	
	7/21/2023	1	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240	
	7/21/2023	1.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>2,800</b>	
Trench-1	12/11/2023	1	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96	
	12/11/2023	2	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	576	
	12/11/2023	3	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208	
	12/11/2023	4	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112	
AH-2	7/21/2023	0.5	X	-	<10.0	12.5	<10.0	12.5	<0.050	<0.050	<0.050	<0.150	<0.300	<b>1,020</b>	
	7/21/2023	1	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288	
Trench-2	12/11/2023	1	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96	
	12/11/2023	2	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112	
	12/11/2023	3	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80	
	12/11/2023	4	X	-	<10.0	34	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48	
AH-3	7/21/2023	0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
	7/21/2023	1	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
	7/21/2023	1.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
AH-4	7/21/2023	0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>1,040</b>	
	7/21/2023	1	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>992</b>	
	7/21/2023	1.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>912</b>	
	7/21/2023	2	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>848</b>	
Trench-4	12/11/2023	1	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208	
	12/11/2023	2	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	544	
	12/11/2023	3	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>768</b>	
	12/11/2023	4	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240	
AH-5	7/21/2023	0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	576	
	7/21/2023	1	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
	7/21/2023	1.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304	
H-1	7/21/2023	0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
	7/21/2023	1	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0	
H-2	7/21/2023	0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0	
	7/21/2023	1	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
	7/21/2023	1.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0	
H-3	7/21/2023	0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
	7/21/2023	1	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0	
	7/21/2023	1.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0	

**Table 1  
EOG Resources  
Convoy Central CTB  
Eddy County, New Mexico**

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				BTEX (mg/kg)					Chloride (mg/kg)
			In-Situ	Removed	GRO mg/kg	DRO mg/kg	ORO mg/kg	Total mg/kg	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)	Total (mg/Kg)	
<b>RRALs</b>								<b>100</b> mg/kg	<b>10</b> mg/kg				<b>50</b> mg/kg	<b>600</b> mg/kg
H-4	7/21/2023	0.5	X	-	<10.0	<b>1,390</b>	<b>318</b>	<b>1,708</b>	<0.050	<0.050	<0.050	<0.150	<0.300	<b>816</b>
	7/21/2023	1	X	-	<10.0	<b>1,700</b>	<b>346</b>	<b>2,046</b>	<0.050	<0.050	<0.050	<0.150	<0.300	<b>736</b>
H-5	7/21/2023	0.5	X	-	<10.0	<b>133</b>	50.3	<b>183.3</b>	<0.050	<0.050	<0.050	<0.150	<0.300	400

**NOTES**

RRALs (Recommended Remediation Action Levels) are based on NMOCD (New Mexico Oil Conservation Division) *Guidelines for Remediation of Leaks*, 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

**Table 2  
EOG Resources  
Convoy Central CTB  
Eddy County, New Mexico**

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				BTEX (mg/kg)				Chloride (mg/kg)		
			In-Situ	Removed	GRO mg/kg	DRO mg/kg	ORO mg/kg	Total mg/kg	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)		Total (mg/Kg)	
<b>RRALs</b>					<b>100 mg/kg</b>				<b>10 mg/kg</b>				<b>50 mg/kg</b>		<b>600 mg/kg</b>
<b>Release Confirmation Sampling</b>															
C-1	12/12/2023	3	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0	
C-2	12/12/2023	3	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112	
C-3	12/12/2023	3	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0	
C-4	12/12/2023	3	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128	
C-5	12/12/2023	3	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0	
C-6	12/12/2023	3.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416	
C-7	12/12/2023	3.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160	
C-8	12/14/2023	3	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144	
C-9	12/18/2023	1.5	X	-	<10.0	<10.0	<10.0	0.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
West-North SW	12/12/2023	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0	
West-East SW	12/12/2023	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0	
West-South SW	12/12/2023	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
West-North SW	12/12/2023	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
East SW-1	12/14/2023	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176	
East SW-2	12/14/2023	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112	
East SW-3	12/14/2023	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128	
East SW-4	12/14/2023	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144	

**Table 2  
EOG Resources  
Convoy Central CTB  
Eddy County, New Mexico**

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				BTEX (mg/kg)				Chloride (mg/kg)		
			In-Situ	Removed	GRO mg/kg	DRO mg/kg	ORO mg/kg	Total mg/kg	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)		Total (mg/Kg)	
<b>RRALs</b>					<b>100 mg/kg</b>				<b>10 mg/kg</b>				<b>50 mg/kg</b>		<b>600 mg/kg</b>
East SW-5	12/14/2023	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112	
East SW-6	12/18/2023	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
East SW-7	12/18/2023	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
East SW-8	12/18/2023	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
East SW-9	12/18/2023	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	

**NOTES**

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

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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EOG Resources  
Convoy Central CTB  
Eddy County, New Mexico



TETRA TECH



View of Remediation Activities – View North



View of Remediation Activities – View Northeast

EOG Resources  
Convoy Central CTB  
Eddy County, New Mexico



TETRA TECH



View of Remediation Activities – View North



View of Remediation Activities – View West

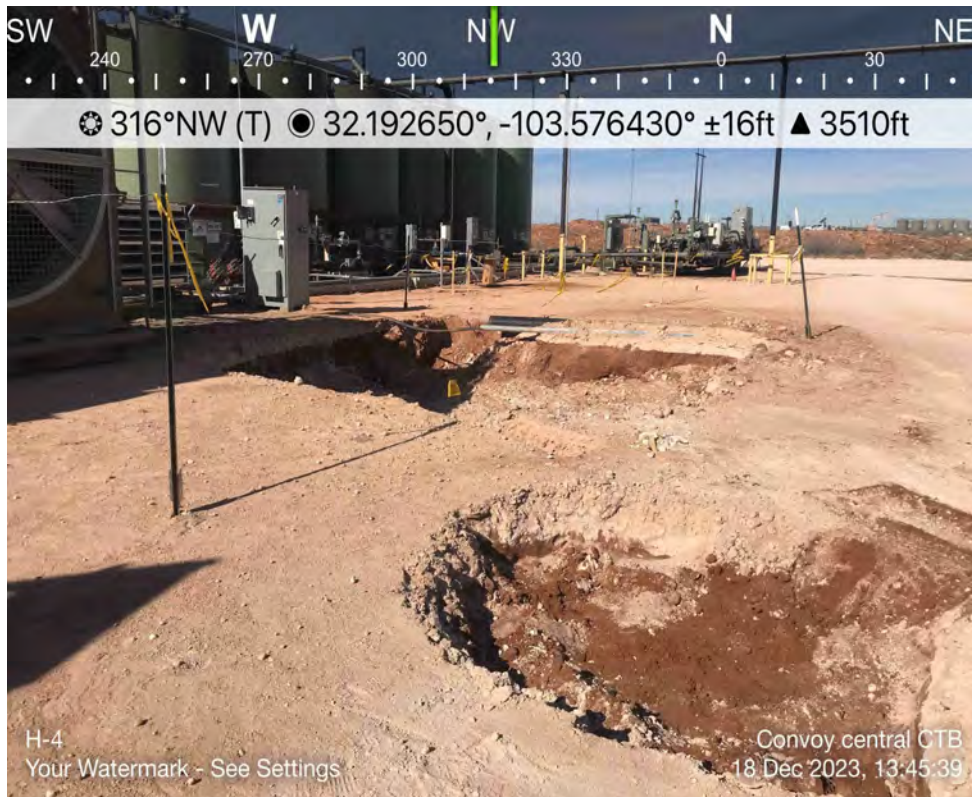
EOG Resources  
Convoy Central CTB  
Eddy County, New Mexico



TETRA TECH



View of Remediation Activities – View Northwest



View of Remediation Activities – View Northwest



# 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	nAPP2320048988
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) nAPP2320048988
Contact mailing address 5509 Champions Drive Midland, TX 79706	

### Location of Release Source

Latitude 32.192436° Longitude -103.576510°  
*(NAD 83 in decimal degrees to 5 decimal places)*

Site Name Convoy Central CTB	Site Type CTB
Date Release Discovered 7/18/23	API# (if applicable)

Unit Letter	Section	Township	Range	County
G	28	24S	33E	Lea

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

### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 100	Volume Recovered (bbls) 50
	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: At the Convoy Central CTB, the saddle into the main SWD line from the facility pump broke from the main poly line. The broken poly line caused a release spray of 100 bbls of produced water both inside and outside of containment on the pad, around the booster pumps and under the pipe rack. This released approximately 100 bbls of produced water with 50 bbls recovered.

State of New Mexico  
Oil Conservation Division

Page 2

Incident ID	NAPP2320048988
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, the email notification was submitted to the NMOCD Inbox on 7/19/23.	

### 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>7/19/23</u> email: <u>Todd Wells@eogresources.com</u> Telephone: <u>(432) 686-3613</u>
<b><u>OCD Only</u></b> Received by: <u>Shelly Wells</u> Date: <u>7/20/2023</u>

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

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

CONDITIONS

Action 242197

**CONDITIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 242197
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

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

**District I**  
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**District IV**  
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 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 293243

**QUESTIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 293243
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2320048988
Incident Name	NAPP2320048988 CONVOY CENTRAL CTB @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received

<b>Location of Release Source</b>	
Site Name	CONVOY CENTRAL CTB
Date Release Discovered	07/18/2023
Surface Owner	State

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	3,800
What is the estimated number of samples that will be gathered	40
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/14/2023
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Tetra Tech (432) 741-5813
Please provide any information necessary for navigation to sampling site	From intersection Hwy NM-128 and CR-2, travel south on CR-2 for 1.42 miles. Turn right (west) onto lease road, follow for 0.49 miles. Turn left (south) onto location.

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

CONDITIONS

Action 293243

**CONDITIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 293243
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**CONDITIONS**

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	12/11/2023



# Appendix B

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## Site Characterization Documents

## **Site Characterization Summary**

### **Site Information:**

EOG Resources  
Convoy Central CTB  
Lea County, New Mexico  
T24S, R33E, Section 28, Unit B  
(32.192313°, -103.576357°)  
634195.27 m E, 3562640.79 m N

### **Site Characterization:**

- Low Karst
- No significant water features within specified distances
- Groundwater 70' BGS 0.77 Miles. (NMOSE, Section 33, 1890 Sample)
- Groundwater 94.35' BGS 1.43 Miles South. (USGS, Section 33, 1996 Sample)

### **RRALs:**


- 600 mg/kg Chlorides
- 100 mg/kg Total TPH
- 10 mg/kg Benzene
- 50 mg/kg Total BTEX

### **Explanation:**

Due to inadequate groundwater information (distance further than ½ mile/data dated >25 years), Most stringent RRALs will be followed unless groundwater determination bore is drilled, and no water is found at depths of at least 55' BGS or greater.



# New Mexico Office of the State Engineer Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
		Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 02310	2	4	2	33	24S	33E	634420	3560893 

<b>Driller License:</b>		<b>Driller Company:</b>	
<b>Driller Name:</b>	UNKNOWN		
<b>Drill Start Date:</b>	01/01/1890	<b>Drill Finish Date:</b>	12/31/1890
<b>Log File Date:</b>		<b>PCW Rev Date:</b>	
<b>Pump Type:</b>		<b>Pipe Discharge Size:</b>	
<b>Casing Size:</b>	8.50	<b>Depth Well:</b>	120 feet
		<b>Plug Date:</b>	
		<b>Source:</b>	
		<b>Estimated Yield:</b>	60 GPM
		<b>Depth Water:</b>	70 feet

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.

1/26/23 5:10 PM

POINT OF DIVERSION SUMMARY



**USGS**  
science for a changing world


**National Water Information System: Web Interface**

USGS Water Resources

Data Category: Groundwater  
Geographic Area: New Mexico  
GO

USGS Home  
Contact USGS  
Search USGS

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 New Mexico

Click to hide state-specific text

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

**Search Results -- 1 sites found**

Agency code = usgs  
site\_no list =  
• 321017103343201

Minimum number of levels = 1  
[Save file of selected sites](#) to local disk for future upload

**USGS 321017103343201 24S.33E.33.23231**

Lea County, New Mexico  
Latitude 32°10'17", Longitude 103°34'32" NAD27  
Land-surface elevation 3,475 feet above NAVD88  
This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

**Output formats**

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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 measurement
1954-03-17			D 62610		3380.19	NGVD29	1	Z		
1954-03-17			D 62611		3381.85	NAVD88	1	Z		
1954-03-17			D 72019	93.15			1	Z		
1976-01-22			D 62610		3381.29	NGVD29	1	Z		
1976-01-22			D 62611		3382.95	NAVD88	1	Z		
1976-01-22			D 72019	92.05			1	Z		
1981-03-20			D 62610		3380.53	NGVD29	1	Z		
1981-03-20			D 62611		3382.19	NAVD88	1	Z		
1981-03-20			D 72019	92.81			1	Z		
1986-03-11			D 62610		3378.77	NGVD29	1	Z		
1986-03-11			D 62611		3380.43	NAVD88	1	Z		
1986-03-11			D 72019	94.57			1	Z		
1991-06-06			D 62610		3378.72	NGVD29	1	Z		
1991-06-06			D 62611		3380.38	NAVD88	1	Z		
1991-06-06			D 72019	94.62			1	Z		

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
1996-03-01		D	62610		3378.99	NGVD29	1	S		
1996-03-01		D	62611		3380.65	NAVD88	1	S		
1996-03-01		D	72019	94.35			1	S		

Explanation

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

- [Questions about sites/data?](#)
- [Feedback on this web site](#)
- [Automated retrievals](#)
- [Help](#)
- [Data Tips](#)
- [Explanation of terms](#)
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Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2023-01-27 01:22:39 EST

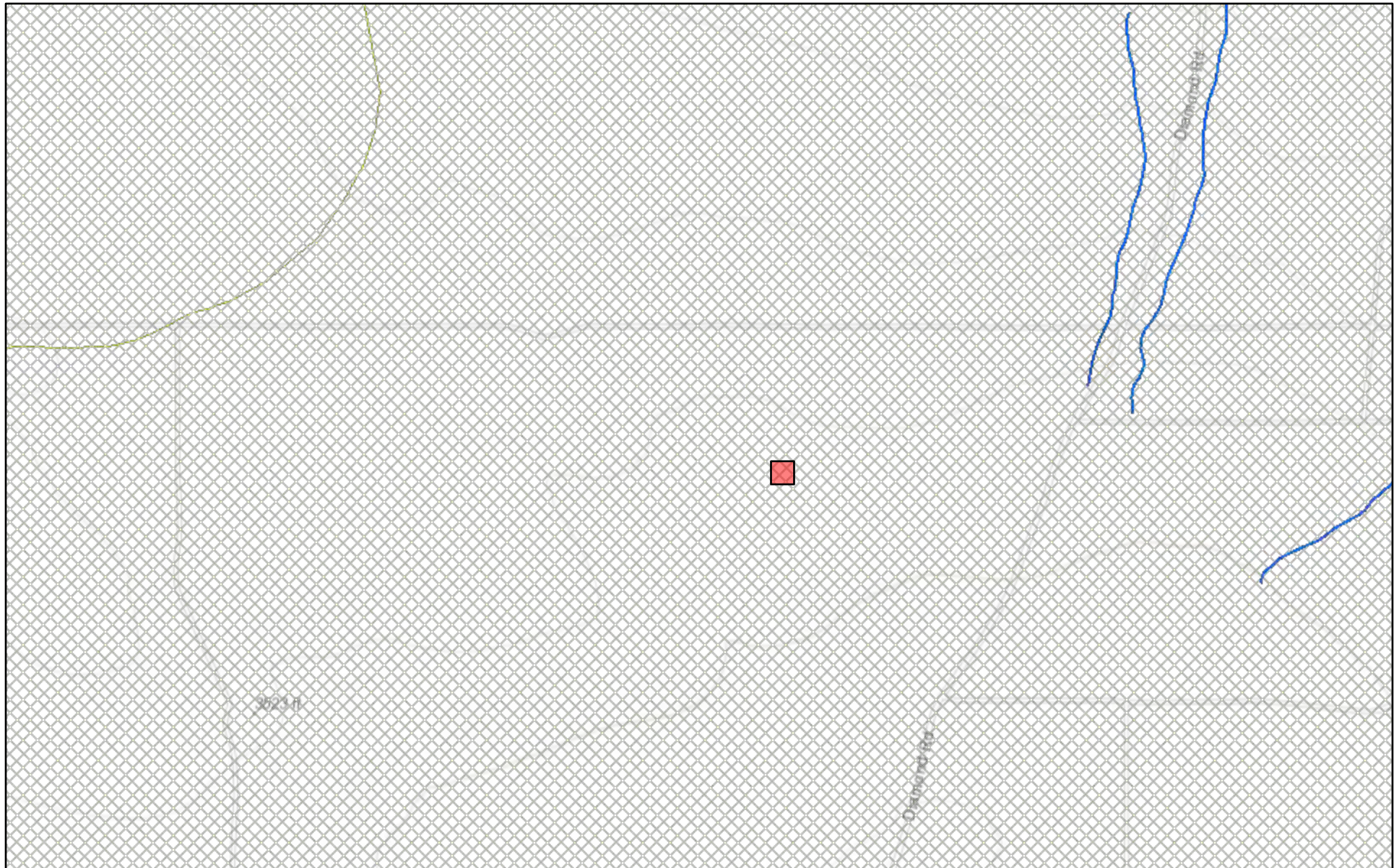
0.28 0.24 nadww01



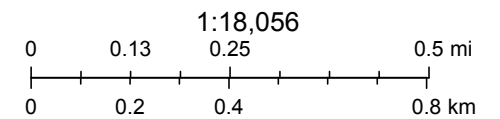
**National Water Information System: Mapper**

The main map area displays an aerial photograph of a rural landscape with a grid of roads and fields. A black square highlights a specific site in the center. A scale bar at the bottom left shows a distance of 0.5 miles and provides coordinates: -103.505, 32.218. A small inset map in the bottom right corner shows a larger regional context with a blue rectangle indicating the current map's location. The text "Site Information" is visible at the bottom left of the map area.

# New Mexico NFHL Data



January 26, 2023



FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

[nmflood.org](http://nmflood.org) is made possible through a collaboration with NMDHSEM,

This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

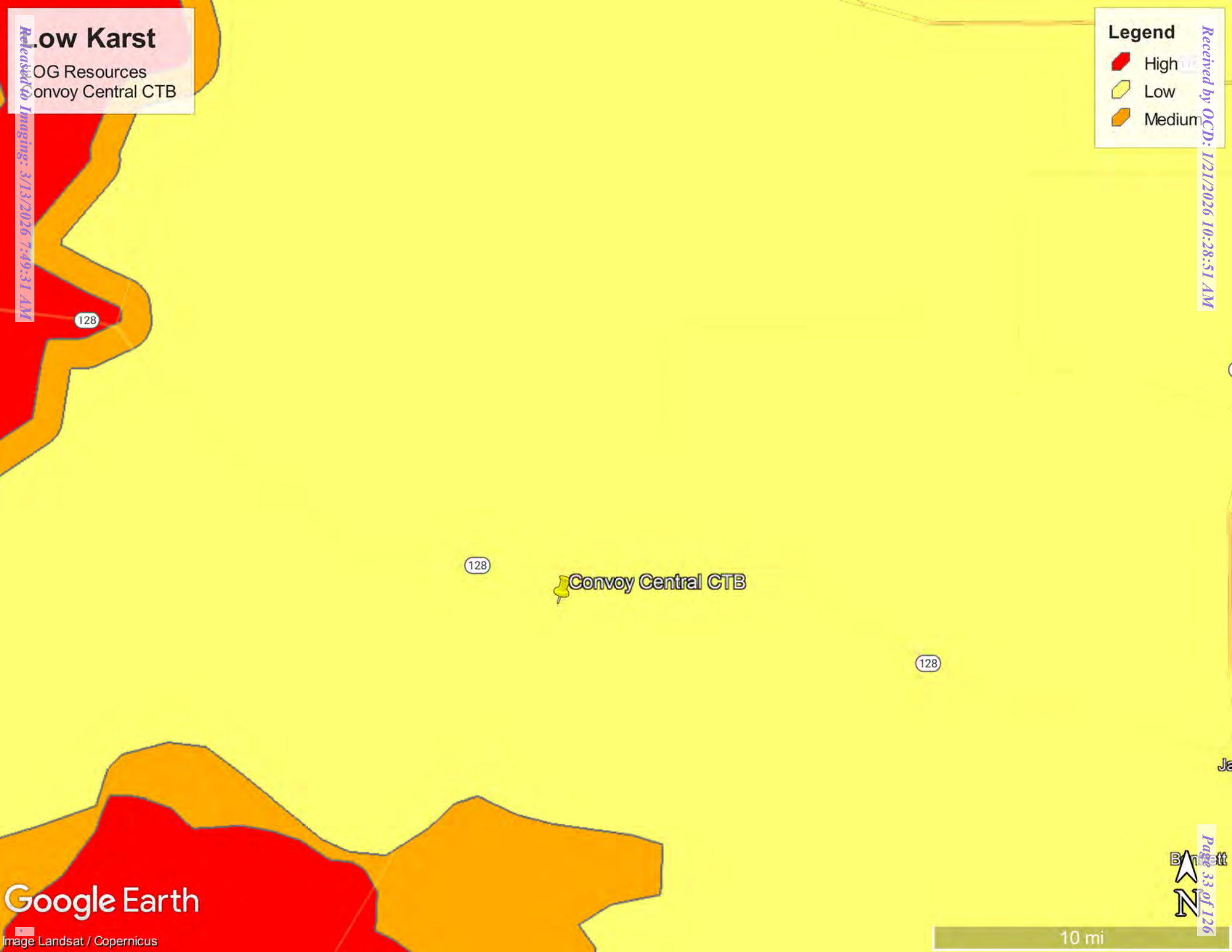
**Low Karst**  
OG Resources  
Convoy Central CTB

Released to Imaging: 3/13/2026 7:49:31 AM

**Legend**

- High
- Low
- Medium

Received by OCD: 1/21/2026 10:28:51 AM



Google Earth

Image Landsat / Copernicus

10 mi



# Appendix C

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Laboratory Reports



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

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August 02, 2023

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: CONVOY CENTRAL CTB

Enclosed are the results of analyses for samples received by the laboratory on 07/26/23 16:55.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 1 ( 6" ) (H233932-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2023	ND	2.17	109	2.00	1.41	
Toluene*	<0.050	0.050	08/01/2023	ND	2.09	105	2.00	0.411	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	1.34	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.02	100	6.00	1.03	
Total BTEX	<0.300	0.300	08/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	07/31/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2023	ND	209	104	200	2.05	
DRO >C10-C28*	<10.0	10.0	07/31/2023	ND	219	109	200	0.225	
EXT DRO >C28-C36	<10.0	10.0	07/31/2023	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

Cardinal Laboratories

\*=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:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 1 ( 1' ) (H233932-02)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2023	ND	2.17	109	2.00	1.41		
Toluene*	<0.050	0.050	08/01/2023	ND	2.09	105	2.00	0.411		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	1.34		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.02	100	6.00	1.03		
Total BTEX	<0.300	0.300	08/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	07/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/31/2023	ND	209	104	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/31/2023	ND	219	109	200	0.225		
EXT DRO >C28-C36	<10.0	10.0	07/31/2023	ND						

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 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:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 1 ( 1.5' ) (H233932-03)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2023	ND	2.17	109	2.00	1.41		
Toluene*	<0.050	0.050	08/01/2023	ND	2.09	105	2.00	0.411		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	1.34		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.02	100	6.00	1.03		
Total BTEX	<0.300	0.300	08/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	07/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/31/2023	ND	209	104	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/31/2023	ND	219	109	200	0.225		
EXT DRO >C28-C36	<10.0	10.0	07/31/2023	ND						

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 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:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 1 ( 6" ) (H233932-04)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2023	ND	2.24	112	2.00	5.52	
Toluene*	<0.050	0.050	08/01/2023	ND	2.18	109	2.00	4.93	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.10	105	2.00	5.80	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.30	105	6.00	5.04	
Total BTEX	<0.300	0.300	08/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	07/31/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2023	ND	209	104	200	2.05	
DRO >C10-C28*	<10.0	10.0	07/31/2023	ND	219	109	200	0.225	
EXT DRO >C28-C36	<10.0	10.0	07/31/2023	ND					

Surrogate: 1-Chlorooctane 96.3 % 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:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 1 ( 1' ) (H233932-05)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2023	ND	2.24	112	2.00	5.52		
Toluene*	<0.050	0.050	08/01/2023	ND	2.18	109	2.00	4.93		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.10	105	2.00	5.80		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.30	105	6.00	5.04		
Total BTEX	<0.300	0.300	08/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/31/2023	ND	209	104	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/31/2023	ND	219	109	200	0.225		
EXT DRO >C28-C36	<10.0	10.0	07/31/2023	ND						

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 146 % 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:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 2 ( 6" ) (H233932-06)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2023	ND	2.24	112	2.00	5.52		
Toluene*	<0.050	0.050	08/01/2023	ND	2.18	109	2.00	4.93		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.10	105	2.00	5.80		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.30	105	6.00	5.04		
Total BTEX	<0.300	0.300	08/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1020	16.0	07/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/31/2023	ND	209	104	200	2.05		
DRO >C10-C28*	12.5	10.0	07/31/2023	ND	219	109	200	0.225		
EXT DRO >C28-C36	<10.0	10.0	07/31/2023	ND						

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 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:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 2 ( 1' ) (H233932-07)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2023	ND	2.24	112	2.00	5.52		
Toluene*	<0.050	0.050	08/01/2023	ND	2.18	109	2.00	4.93		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.10	105	2.00	5.80		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.30	105	6.00	5.04		
Total BTEX	<0.300	0.300	08/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	07/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/31/2023	ND	209	104	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/31/2023	ND	219	109	200	0.225		
EXT DRO >C28-C36	<10.0	10.0	07/31/2023	ND						

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 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:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 2 ( 6" ) (H233932-08)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2023	ND	2.24	112	2.00	5.52	
Toluene*	<0.050	0.050	08/01/2023	ND	2.18	109	2.00	4.93	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.10	105	2.00	5.80	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.30	105	6.00	5.04	
Total BTEX	<0.300	0.300	08/01/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/31/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2023	ND	209	104	200	2.05	
DRO >C10-C28*	<10.0	10.0	07/31/2023	ND	219	109	200	0.225	
EXT DRO >C28-C36	<10.0	10.0	07/31/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 2 ( 1' ) (H233932-09)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2023	ND	2.24	112	2.00	5.52		
Toluene*	<0.050	0.050	08/01/2023	ND	2.18	109	2.00	4.93		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.10	105	2.00	5.80		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.30	105	6.00	5.04		
Total BTEX	<0.300	0.300	08/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/31/2023	ND	209	104	200	2.05		
DRO >C10-C28*	<10.0	10.0	07/31/2023	ND	219	109	200	0.225		
EXT DRO >C28-C36	<10.0	10.0	07/31/2023	ND						

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 2 ( 1.5' ) (H233932-10)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2023	ND	2.24	112	2.00	5.52		
Toluene*	<0.050	0.050	08/01/2023	ND	2.18	109	2.00	4.93		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.10	105	2.00	5.80		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.30	105	6.00	5.04		
Total BTEX	<0.300	0.300	08/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	ND	202	101	200	3.43		
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	203	102	200	3.18		
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 3 ( 6" ) (H233932-11)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2023	ND	2.24	112	2.00	5.52		
Toluene*	<0.050	0.050	08/01/2023	ND	2.18	109	2.00	4.93		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.10	105	2.00	5.80		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.30	105	6.00	5.04		
Total BTEX	<0.300	0.300	08/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	ND	202	101	200	3.43		
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	203	102	200	3.18		
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND						

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 3 ( 1' ) (H233932-12)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2023	ND	2.24	112	2.00	5.52		
Toluene*	<0.050	0.050	08/01/2023	ND	2.18	109	2.00	4.93		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.10	105	2.00	5.80		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.30	105	6.00	5.04		
Total BTEX	<0.300	0.300	08/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	ND	202	101	200	3.43		
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	203	102	200	3.18		
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 3 ( 1.5' ) (H233932-13)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2023	ND	2.24	112	2.00	5.52		
Toluene*	<0.050	0.050	08/01/2023	ND	2.18	109	2.00	4.93		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.10	105	2.00	5.80		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.30	105	6.00	5.04		
Total BTEX	<0.300	0.300	08/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	ND	202	101	200	3.43		
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	203	102	200	3.18		
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND						

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 3 ( 6" ) (H233932-14)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2023	ND	2.24	112	2.00	5.52		
Toluene*	<0.050	0.050	08/01/2023	ND	2.18	109	2.00	4.93		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.10	105	2.00	5.80		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.30	105	6.00	5.04		
Total BTEX	<0.300	0.300	08/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	ND	202	101	200	3.43		
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	203	102	200	3.18		
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND						

Surrogate: 1-Chlorooctane 95.1 % 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:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 3 ( 1' ) (H233932-15)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2023	ND	2.24	112	2.00	5.52		
Toluene*	<0.050	0.050	08/01/2023	ND	2.18	109	2.00	4.93		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.10	105	2.00	5.80		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.30	105	6.00	5.04		
Total BTEX	<0.300	0.300	08/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	ND	202	101	200	3.43		
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	203	102	200	3.18		
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND						

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 3 ( 1.5' ) (H233932-16)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2023	ND	2.24	112	2.00	5.52		
Toluene*	<0.050	0.050	08/01/2023	ND	2.18	109	2.00	4.93		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.10	105	2.00	5.80		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.30	105	6.00	5.04		
Total BTEX	<0.300	0.300	08/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	ND	202	101	200	3.43		
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	203	102	200	3.18		
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND						

Surrogate: 1-Chlorooctane 87.8 % 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:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 4 ( 6" ) (H233932-17)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2023	ND	2.24	112	2.00	5.52		
Toluene*	<0.050	0.050	08/01/2023	ND	2.18	109	2.00	4.93		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.10	105	2.00	5.80		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.30	105	6.00	5.04		
Total BTEX	<0.300	0.300	08/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	07/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	ND	202	101	200	3.43		
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	203	102	200	3.18		
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND						

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 4 ( 1' ) (H233932-18)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2023	ND	2.24	112	2.00	5.52		
Toluene*	<0.050	0.050	08/01/2023	ND	2.18	109	2.00	4.93		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.10	105	2.00	5.80		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.30	105	6.00	5.04		
Total BTEX	<0.300	0.300	08/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	992	16.0	07/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	ND	202	101	200	3.43		
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	203	102	200	3.18		
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 4 ( 1.5' ) (H233932-19)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2023	ND	2.24	112	2.00	5.52		
Toluene*	<0.050	0.050	08/01/2023	ND	2.18	109	2.00	4.93		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.10	105	2.00	5.80		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.30	105	6.00	5.04		
Total BTEX	<0.300	0.300	08/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	912	16.0	07/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	ND	202	101	200	3.43		
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	203	102	200	3.18		
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND						

Surrogate: 1-Chlorooctane 104 % 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:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 4 ( 2' ) (H233932-20)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2023	ND	2.24	112	2.00	5.52	
Toluene*	<0.050	0.050	08/01/2023	ND	2.18	109	2.00	4.93	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.10	105	2.00	5.80	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.30	105	6.00	5.04	
Total BTEX	<0.300	0.300	08/01/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	07/31/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2023	ND	202	101	200	3.43	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	203	102	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 4 ( 6" ) (H233932-21)**

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	08/02/2023	ND	2.24	112	2.00	5.52	
Toluene*	<0.050	0.050	08/02/2023	ND	2.18	109	2.00	4.93	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.10	105	2.00	5.80	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.30	105	6.00	5.04	
Total BTEX	<0.300	0.300	08/02/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>816</b>	16.0	07/31/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	ND	202	101	200	3.43		
<b>DRO &gt;C10-C28*</b>	<b>1390</b>	10.0	08/01/2023	ND	203	102	200	3.18		
<b>EXT DRO &gt;C28-C36</b>	<b>318</b>	10.0	08/01/2023	ND						

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 197 % 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:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 4 ( 1' ) (H233932-22)**

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	08/02/2023	ND	2.24	112	2.00	5.52		
Toluene*	<0.050	0.050	08/02/2023	ND	2.18	109	2.00	4.93		
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.10	105	2.00	5.80		
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.30	105	6.00	5.04		
Total BTEX	<0.300	0.300	08/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 130 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>736</b>	16.0	07/31/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	08/01/2023	ND	202	101	200	3.43			
<b>DRO &gt;C10-C28*</b>	<b>1700</b>	10.0	08/01/2023	ND	203	102	200	3.18			
<b>EXT DRO &gt;C28-C36</b>	<b>346</b>	10.0	08/01/2023	ND							

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 165 % 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:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 5 ( 6" ) (H233932-23)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/01/2023	ND	2.24	112	2.00	5.52		
Toluene*	<0.050	0.050	08/01/2023	ND	2.18	109	2.00	4.93		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.10	105	2.00	5.80		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.30	105	6.00	5.04		
Total BTEX	<0.300	0.300	08/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	576	16.0	07/31/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	ND	202	101	200	3.43		
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	203	102	200	3.18		
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 5 ( 1' ) (H233932-24)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/31/2023	ND	2.15	108	2.00	4.48		
Toluene*	<0.050	0.050	07/31/2023	ND	2.10	105	2.00	5.32		
Ethylbenzene*	<0.050	0.050	07/31/2023	ND	2.03	101	2.00	4.08		
Total Xylenes*	<0.150	0.150	07/31/2023	ND	6.09	102	6.00	4.02		
Total BTEX	<0.300	0.300	07/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/31/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	ND	202	101	200	3.43		
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	203	102	200	3.18		
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND						

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: AH - 5 ( 1.5' ) (H233932-25)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/31/2023	ND	2.15	108	2.00	4.48	
Toluene*	<0.050	0.050	07/31/2023	ND	2.10	105	2.00	5.32	
Ethylbenzene*	<0.050	0.050	07/31/2023	ND	2.03	101	2.00	4.08	
Total Xylenes*	<0.150	0.150	07/31/2023	ND	6.09	102	6.00	4.02	
Total BTEX	<0.300	0.300	07/31/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	07/31/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/01/2023	ND	202	101	200	3.43	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	203	102	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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:	07/26/2023	Sampling Date:	07/21/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 5 ( 6" ) (H233932-26)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/31/2023	ND	2.15	108	2.00	4.48		
Toluene*	<0.050	0.050	07/31/2023	ND	2.10	105	2.00	5.32		
Ethylbenzene*	<0.050	0.050	07/31/2023	ND	2.03	101	2.00	4.08		
Total Xylenes*	<0.150	0.150	07/31/2023	ND	6.09	102	6.00	4.02		
Total BTEX	<0.300	0.300	07/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	07/31/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/01/2023	ND	202	101	200	3.43		
DRO >C10-C28*	133	10.0	08/01/2023	ND	203	102	200	3.18		
EXT DRO >C28-C36	50.3	10.0	08/01/2023	ND						

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Notes and Definitions

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

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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

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

Company Name: **Tetra Tech**  
 Project Manager: **Brittany Long**  
 Address: **901 W. Wall St**  
 City: **Midland** State: **TX** Zip: **79701**  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_  
 Project #: **212C-MD-02458** Project Owner:  
 Project Name: **Conroy Central CTB Release**  
 Project Location: **Lea County, NM**  
 Sampler Name: **Ivan Ramos**

**BILL TO**  
 P.O. #: \_\_\_\_\_  
 Company: **EPG Resources**  
 Attn: **Todd Wells**  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER			
H233932	AH-1 (6")		1			X				7/21/03	8:00	BTEX 8021B
	AH-1 (1")		1								8:15	TPH 8015 (GRO-ORO-MRO)
	AH-1 (1.5")		1								8:30	Chlorides 4500
	H-1 (6")		1								8:45	
	AH-2 (6")		1								9:00	
	AH-2 (1")		1								9:15	
	H-2 (6")		1								9:30	
	H-2 (1")		1								9:45	
	H-2 (1.5")		1								10:00	
			1								10:15	

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Relinquished By: *Ivan Ramos* Date: **9-26-03** Received By: *Shay Simms* Date: **10-55**  
 Time: \_\_\_\_\_ Time: \_\_\_\_\_

Delivered By: (Circle One) **3.1e** Observed Temp. °C **3.1e** Sample Condition **Checked** (Initials) *JS*  
 Sampler - UPS - Bus - Other: \_\_\_\_\_ Corrected Temp. °C \_\_\_\_\_  
 Coef. Intact  Yes  No  
 Other:  Yes  No

Turnaround Time: **Standard**  **Rush**   
 Thermometer ID #140 Bacteria (only) Sample Condition   
 Correction Factor 0°C Cool Intact  Observed Temp. °C   
 No  Yes  Corrected Temp. °C



101 East Marland, Hobbs, NM 88240  
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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: Tetra Tech  
 Project Manager: Brittany Long  
 Address: 901 W. Wall St  
 City: Midland State: TX Zip: 79701  
 Phone #: Fax #:  
 Project #: 212C-MD-02958 Project Owner:  
 Project Name: Conroy Central CTB Release  
 Project Location: Lea County, NM  
 Sampler Name: Ivan Ramon  
 P.O. #: Company: EOG Resources  
 Attn: Todd Wells  
 Address: City: State: Zip:  
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE			
11033932	AH-3 (6")		1			X					7/21/05	10:30	BTEX 8021 B
	AH-3 (1.5")		1			X						10:45	TPH 8015 (GRO-GRO-MRO)
	AH-3 (1.5")		1			X						11:00	Chlorides 4500
	AH-3 (1.5")		1			X						11:30	
	AH-3 (1.5")		1			X						11:45	
	AH-4 (1.5")		1			X						12:00	
	AH-4 (1.5")		1			X						12:30	
	AH-4 (1.5")		1			X						13:00	
	AH-4 (1.5")		1			X						13:30	

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Relinquished By: Ivan Ramon  
 Date: 7-26-03  
 Time: 10:55  
 Received By: Shari Conroy  
 Date: 7-26-03  
 Time: 10:55

Delivered By: (Circle One) 3.16 Observed Temp. °C  
 Sampler - UPS - Bus - Other: Corrected Temp. °C 3.16  
 Sample Condition: Cool Intact  Yes  No  
 Checked By: (Initials) *SR*  
 Turnaround Time: Standard  Rush   
 Thermometer ID #140 Correction Factor 0°C  
 Bacteria (only) Sample Condition: Cool Intact  Yes  No  
 Corrected Temp. °C

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



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

Company Name: Tetra Tech Project Manager: Brittany Long Address: 991 W. Wall St City: Midland State: TX Zip: 79701 Phone #: Fax #: Project #: 21AC-MD-02958 Project Owner: Project Name: Conroy Central CTB Release Project Location: Lea County, NM Sampler Name: Ivah Ramos		P.O. #: Company: EOG Resources Attn: Todd Wells Address: City: State: Zip: Phone #: Zip: Fax #:	
FOR LAB USE ONLY Lab I.D. H233532 Sample I.D. H-4 (6") H-4 (11") AH-5 (6") AH-5 (11") AH-5 (15") H-5 (6")		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER MATRIX SOIL X OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	
DATE 7/21/23		SAMPLING TIME 13:45 14:00 14:30 14:45 15:00 15:30	
ANALYSIS REQUEST BTEX 8021B TPH 8015 (GRO-ORO-MRO) Chlorides 4500		ANALYSIS REQUEST	

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Relinquished By: *Ivah Ramos* Date: 7-26-23  
 Received By: *Shari Cimeros* Date: 7-26-23  
 Time: 10:55  
 Time: 10:55

Delivered By: (Circle One) *SAE* Observed Temp. °C: 3.1°C  
 Sampler - UPS - Bus - Other: Corrected Temp. °C: *DR*

Sample Condition: Cool  Intact   
 Yes  No   
 Yes  No

Turnaround Time: Standard  Rush   
 Bacteria (only)  Sample Condition: Cool  Intact   
 Yes  No  Yes  No   
 Observed Temp. °C: Corrected Temp. °C:

Vertical Result:  Yes  No  Add'l Phone #:  
 All Results are emailed. Please provide Email address:  
 REMARKS:

FOR CARDINAL USE ONLY: Phone: 505-771-723

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December 18, 2023

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EOG - CONVOY CENTRAL CTB

Enclosed are the results of analyses for samples received by the laboratory on 12/13/23 12:39.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	12/13/2023	Sampling Date:	12/11/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958 TASK 100	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 1' (H236654-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2023	ND	2.00	100	2.00	13.2	
Toluene*	<0.050	0.050	12/13/2023	ND	1.96	98.0	2.00	14.4	
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	1.94	97.1	2.00	14.5	
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.25	104	6.00	12.5	
Total BTEX	<0.300	0.300	12/13/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/14/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	186	93.1	200	1.22	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	186	93.2	200	3.33	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 86.2 % 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:	12/13/2023	Sampling Date:	12/11/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958 TASK 100	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 2' (H236654-02)**

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	12/13/2023	ND	2.00	100	2.00	13.2		
Toluene*	<0.050	0.050	12/13/2023	ND	1.96	98.0	2.00	14.4		
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	1.94	97.1	2.00	14.5		
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.25	104	6.00	12.5		
Total BTEX	<0.300	0.300	12/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	12/14/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	186	93.1	200	1.22		
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	186	93.2	200	3.33		
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND						

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/13/2023	Sampling Date:	12/11/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958 TASK 100	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 3' (H236654-03)**

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	12/13/2023	ND	2.00	100	2.00	13.2	
Toluene*	<0.050	0.050	12/13/2023	ND	1.96	98.0	2.00	14.4	
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	1.94	97.1	2.00	14.5	
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.25	104	6.00	12.5	
Total BTEX	<0.300	0.300	12/13/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	12/14/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	186	93.1	200	1.22	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	186	93.2	200	3.33	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 94.6 % 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:	12/13/2023	Sampling Date:	12/11/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958 TASK 100	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 4' (H236654-04)**

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	12/13/2023	ND	2.00	100	2.00	13.2	
Toluene*	<0.050	0.050	12/13/2023	ND	1.96	98.0	2.00	14.4	
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	1.94	97.1	2.00	14.5	
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.25	104	6.00	12.5	
Total BTEX	<0.300	0.300	12/13/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/14/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	186	93.1	200	1.22	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	186	93.2	200	3.33	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 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:	12/13/2023	Sampling Date:	12/11/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958 TASK 100	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 1' (H236654-05)**

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	12/13/2023	ND	2.00	100	2.00	13.2		
Toluene*	<0.050	0.050	12/13/2023	ND	1.96	98.0	2.00	14.4		
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	1.94	97.1	2.00	14.5		
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.25	104	6.00	12.5		
Total BTEX	<0.300	0.300	12/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/14/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	186	93.1	200	1.22		
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	186	93.2	200	3.33		
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND						

Surrogate: 1-Chlorooctane 90.0 % 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:	12/13/2023	Sampling Date:	12/11/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958 TASK 100	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 2' (H236654-06)**

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	12/13/2023	ND	2.00	100	2.00	13.2		
Toluene*	<0.050	0.050	12/13/2023	ND	1.96	98.0	2.00	14.4		
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	1.94	97.1	2.00	14.5		
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.25	104	6.00	12.5		
Total BTEX	<0.300	0.300	12/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/14/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	186	93.1	200	1.22		
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	186	93.2	200	3.33		
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND						

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 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:	12/13/2023	Sampling Date:	12/11/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958 TASK 100	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 3' (H236654-07)**

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	12/13/2023	ND	2.00	100	2.00	13.2	
Toluene*	<0.050	0.050	12/13/2023	ND	1.96	98.0	2.00	14.4	
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	1.94	97.1	2.00	14.5	
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.25	104	6.00	12.5	
Total BTEX	<0.300	0.300	12/13/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/14/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	186	93.1	200	1.22	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	186	93.2	200	3.33	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 93.7 % 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:	12/13/2023	Sampling Date:	12/11/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958 TASK 100	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 4' (H236654-08)**

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	12/13/2023	ND	2.00	100	2.00	13.2	
Toluene*	<0.050	0.050	12/13/2023	ND	1.96	98.0	2.00	14.4	
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	1.94	97.1	2.00	14.5	
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.25	104	6.00	12.5	
Total BTEX	<0.300	0.300	12/13/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	12/14/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	186	93.1	200	1.22	
<b>DRO &gt;C10-C28*</b>	<b>34.1</b>	10.0	12/13/2023	ND	186	93.2	200	3.33	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 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:	12/13/2023	Sampling Date:	12/11/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958 TASK 100	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 1' (H236654-09)**

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	12/13/2023	ND	2.00	100	2.00	13.2		
Toluene*	<0.050	0.050	12/13/2023	ND	1.96	98.0	2.00	14.4		
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	1.94	97.1	2.00	14.5		
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.25	104	6.00	12.5		
Total BTEX	<0.300	0.300	12/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	12/14/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	186	93.1	200	1.22		
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	186	93.2	200	3.33		
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND						

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/13/2023	Sampling Date:	12/11/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958 TASK 100	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 2' (H236654-10)**

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	12/13/2023	ND	2.00	100	2.00	13.2		
Toluene*	<0.050	0.050	12/13/2023	ND	1.96	98.0	2.00	14.4		
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	1.94	97.1	2.00	14.5		
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.25	104	6.00	12.5		
Total BTEX	<0.300	0.300	12/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	12/14/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	186	93.1	200	1.22		
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	186	93.2	200	3.33		
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND						

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	12/13/2023	Sampling Date:	12/11/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958 TASK 100	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 3' (H236654-11)**

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	12/13/2023	ND	2.00	100	2.00	13.2	
Toluene*	<0.050	0.050	12/13/2023	ND	1.96	98.0	2.00	14.4	
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	1.94	97.1	2.00	14.5	
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.25	104	6.00	12.5	
Total BTEX	<0.300	0.300	12/13/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<b>768</b>	16.0	12/14/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	186	93.1	200	1.22	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	186	93.2	200	3.33	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/13/2023	Sampling Date:	12/11/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958 TASK 100	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 4' (H236654-12)**

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	12/13/2023	ND	2.00	100	2.00	13.2	
Toluene*	<0.050	0.050	12/13/2023	ND	1.96	98.0	2.00	14.4	
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	1.94	97.1	2.00	14.5	
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.25	104	6.00	12.5	
Total BTEX	<0.300	0.300	12/13/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/14/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	186	93.1	200	1.22	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	186	93.2	200	3.33	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record



# Tetra Tech, Inc.

901 West Wall St, Suite 100  
Midland, Texas 79701  
Tel (432) 682-4559  
Fax (432) 682-3946

Client Name: EOG		Site Manager: Brittany Long	
Project Name: EOG Convoys CTB		Contact Info: <a href="mailto:Brittany.Long@tetratech.com">Brittany.Long@tetratech.com</a>	
Project Location: (county, state) Lea County, NM		Project #: 212C-MD-02958 Task 100	
Invoice to: EOG, Attn: Todd Wells		Sampler Signature:	
Receiving Laboratory: Cardinal Labs		Comments:	

SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)
	YEAR	DATE	WATER	SOIL	HCL	HNO <sub>3</sub>		
1		12/11/2023	X				1	X
2		12/11/2023	X				1	X
3		12/11/2023	X				1	X
4		12/11/2023	X				1	X
5		12/11/2023	X				1	X
6		12/11/2023	X				1	X
7		12/11/2023	X				1	X
8		12/11/2023	X				1	X
9		12/11/2023	X				1	X
10		12/11/2023	X				1	X

LAB USE ONLY	BTEX 8021B	X
	TPH TX1005 (Ext to C35)	X
	TPH 8015M ( GRO - DRO - ORO)	X
	PAH 8270C	X
	Total Metals Ag As Ba Cd Cr Pb Se Hg	X
	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	X
	TCLP Volatiles	X
	TCLP Semi Volatiles	X
	RCI	X
	GC/MS Vol. 8260B / 624	X
	GC/MS Semi. Vol. 8270C/625	X
	PCB's 8082 / 608	X
	NORM	X
	PLM (Asbestos)	X
	Chloride <del>300.0</del> 4500 *	X
	Chloride Sulfate TDS	X
	General Water Chemistry (see attached list)	X
	Anion/Cation Balance	X
	Asbestos	X
	Hold	X

Reinquired by:	Date:	Time:	Received by:	Date:	Time:
			<i>[Signature]</i>	12-13-23	12:39

Reinquired by:	Date:	Time:	Received by:	Date:	Time:

ORIGINAL COPY

\*Q14500 as per Brittany, 12/13/23 CL

LAB USE ONLY

REMARKS: Standard

Sample Temperature: 4.8°C

#116

(Circle) HAND DELIVERED FEDEX UPS Tracking #

RUSH: Same Day 24 hr 48 hr 72 hr

Rush Charges Authorized

Special Report Limits or TRRP Report





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

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December 20, 2023

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: CONVOY CENTRAL CTB

Enclosed are the results of analyses for samples received by the laboratory on 12/15/23 12:11.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	12/15/2023	Sampling Date:	12/14/2023
Reported:	12/20/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - EDDY COUNTY, NM		

**Sample ID: EAST- SW-1 (H236693-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/15/2023	ND	2.20	110	2.00	0.963	
Toluene*	<0.050	0.050	12/15/2023	ND	2.52	126	2.00	10.3	
Ethylbenzene*	<0.050	0.050	12/15/2023	ND	2.65	133	2.00	9.40	
Total Xylenes*	<0.150	0.150	12/15/2023	ND	7.95	133	6.00	10.1	
Total BTEX	<0.300	0.300	12/15/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>176</b>	16.0	12/15/2023	ND	416	104	400	6.74	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/15/2023	ND	211	106	200	10.5	
DRO >C10-C28*	<10.0	10.0	12/15/2023	ND	207	104	200	9.94	
EXT DRO >C28-C36	<10.0	10.0	12/15/2023	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/15/2023	Sampling Date:	12/14/2023
Reported:	12/20/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - EDDY COUNTY, NM		

**Sample ID: EAST- SW-2 (H236693-02)**

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	12/15/2023	ND	2.20	110	2.00	0.963	
Toluene*	<0.050	0.050	12/15/2023	ND	2.52	126	2.00	10.3	
Ethylbenzene*	<0.050	0.050	12/15/2023	ND	2.65	133	2.00	9.40	
Total Xylenes*	<0.150	0.150	12/15/2023	ND	7.95	133	6.00	10.1	
Total BTEX	<0.300	0.300	12/15/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/15/2023	ND	416	104	400	6.74	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/15/2023	ND	211	106	200	10.5	
DRO >C10-C28*	<10.0	10.0	12/15/2023	ND	207	104	200	9.94	
EXT DRO >C28-C36	<10.0	10.0	12/15/2023	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/15/2023	Sampling Date:	12/14/2023
Reported:	12/20/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - EDDY COUNTY, NM		

**Sample ID: EAST- SW-3 (H236693-03)**

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	12/15/2023	ND	2.20	110	2.00	0.963	
Toluene*	<0.050	0.050	12/15/2023	ND	2.52	126	2.00	10.3	
Ethylbenzene*	<0.050	0.050	12/15/2023	ND	2.65	133	2.00	9.40	
Total Xylenes*	<0.150	0.150	12/15/2023	ND	7.95	133	6.00	10.1	
Total BTEX	<0.300	0.300	12/15/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/15/2023	ND	416	104	400	6.74	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/15/2023	ND	213	107	200	0.408	
DRO >C10-C28*	<10.0	10.0	12/15/2023	ND	222	111	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	12/15/2023	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 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:	12/15/2023	Sampling Date:	12/14/2023
Reported:	12/20/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - EDDY COUNTY, NM		

**Sample ID: EAST- SW-4 (H236693-04)**

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	12/15/2023	ND	2.20	110	2.00	0.963	
Toluene*	<0.050	0.050	12/15/2023	ND	2.52	126	2.00	10.3	
Ethylbenzene*	<0.050	0.050	12/15/2023	ND	2.65	133	2.00	9.40	
Total Xylenes*	<0.150	0.150	12/15/2023	ND	7.95	133	6.00	10.1	
Total BTEX	<0.300	0.300	12/15/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/15/2023	ND	416	104	400	6.74	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/15/2023	ND	213	107	200	0.408	
DRO >C10-C28*	<10.0	10.0	12/15/2023	ND	222	111	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	12/15/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/15/2023	Sampling Date:	12/14/2023
Reported:	12/20/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - EDDY COUNTY, NM		

**Sample ID: EAST- SW-5 (H236693-05)**

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	12/15/2023	ND	2.20	110	2.00	0.963	
Toluene*	<0.050	0.050	12/15/2023	ND	2.52	126	2.00	10.3	
Ethylbenzene*	<0.050	0.050	12/15/2023	ND	2.65	133	2.00	9.40	
Total Xylenes*	<0.150	0.150	12/15/2023	ND	7.95	133	6.00	10.1	
Total BTEX	<0.300	0.300	12/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/15/2023	ND	416	104	400	6.74	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/15/2023	ND	213	107	200	0.408	
DRO >C10-C28*	<10.0	10.0	12/15/2023	ND	222	111	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	12/15/2023	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



# Tetra Tech, Inc.

901 W. Wall Street, Ste 100  
Midland, Texas 79701  
Tel (432) 582-4559  
Fax (432) 582-3946

## Analysis Request of Custody Record

Client Name: **EOG** Site Manager: **Brittany Long**

Project Name: **Conroy Central CTB** (432) 741-5813  
 Project #: [Brittany.Long@tetratech.com](mailto:Brittany.Long@tetratech.com)

Project Location: **Eddy County, NM** Project #: **212C-MD-**

Invoice to: **ATTN : EOG Todd Wells**

Receiving Laboratory: **Cardinal Labs** Sampler Signature: **Miguel A. Flores**

Comments:

LAB # **H036693**

(LAB USE ONLY)

SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD			# CONTAINERS	FILTERED (Y/N)
	YEAR	DATE	WATER	SOIL	HCL	HNO <sub>3</sub>	ICE		
1 East-SW-1	2023	12/14/2023	X	X	X	X	X		
2 East-SW-2		12/14/2023	X	X	X	X			
3 East-SW-3		12/14/2023	X	X	X	X			
4 East-SW-4		12/14/2023	X	X	X	X			
5 East-SW-5		12/14/2023	X	X	X	X			

Relinquished by: **Miguel A Flores** Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received by: *[Signature]* Date: **12-15-23** Time: **12:11**

Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

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

**LAB USE ONLY**

Sample Temperature: **4.30C #140**

REMARKS: **Standard TAT**

RUSH: Same Day 24 hr 48 hr 72 hr

Rush Charges Authorized

Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

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	
Chloride Sulfate TDS	
General Water Chemistry (see attached list)	
Anion/Cation Balance	

Hold

ORIGINAL COPY



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December 21, 2023

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EOG - CONVOY CENTRAL CTB

Enclosed are the results of analyses for samples received by the laboratory on 12/18/23 14:30.

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".

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:	12/18/2023	Sampling Date:	12/18/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: EAST - SW - 6 (H236716-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.06	103	2.00	4.43	
Toluene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	3.32	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.64	111	6.00	4.65	
Total BTEX	<0.300	0.300	12/20/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/19/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	2.83	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	194	97.0	200	0.551	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 56.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.4 % 49.1-148

Cardinal Laboratories

\*=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:	12/18/2023	Sampling Date:	12/18/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: EAST - SW - 7 (H236716-02)**

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	12/20/2023	ND	2.06	103	2.00	4.43	
Toluene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	3.32	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.64	111	6.00	4.65	
Total BTEX	<0.300	0.300	12/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/19/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	2.83	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	194	97.0	200	0.551	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 61.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.5 % 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:	12/18/2023	Sampling Date:	12/18/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: EAST - SW - 8 (H236716-03)**

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	12/20/2023	ND	2.06	103	2.00	4.43	
Toluene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	3.32	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.64	111	6.00	4.65	
Total BTEX	<0.300	0.300	12/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/19/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	2.83	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	194	97.0	200	0.551	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 72.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 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:	12/18/2023	Sampling Date:	12/18/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: EAST - SW - 9 (H236716-04)**

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	12/20/2023	ND	2.06	103	2.00	4.43	
Toluene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	3.32	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.64	111	6.00	4.65	
Total BTEX	<0.300	0.300	12/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/19/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	2.83	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	194	97.0	200	0.551	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 70.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 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:	12/18/2023	Sampling Date:	12/18/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: C - 9 (H236716-05)**

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	12/20/2023	ND	2.06	103	2.00	4.43	
Toluene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	3.32	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.64	111	6.00	4.65	
Total BTEX	<0.300	0.300	12/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/19/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	2.83	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	194	97.0	200	0.551	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Notes and Definitions**

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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

*Brittany Long (btehrsteeh.com)*

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

<b>Company Name:</b> <i>Terra Tech</i> <b>Project Manager:</b> <i>Brittany Long (Brittany.Long@terra.com)</i> <b>Address:</b> <i>901 West Wall Street</i> <b>City:</b> <i>Midland</i> <b>State:</b> <i>Tx</i> <b>Zip:</b> <i>79701</i> <b>Phone #:</b> <i>432-741-5813</i> <b>Fax #:</b> _____ <b>Project #:</b> <i>212-WW-01958</i> <b>Project Owner:</b> <i>EOG Resources</i> <b>Project Name:</b> <i>EOG Convey Central CTR</i> <b>Project Location:</b> <i>Lea County, NM</i> <b>Sampler Name:</b> <i>Matthews Cast Region</i> <b>FOR LAB USE ONLY</b> <i>H326716</i>		<b>P.O. #:</b> _____ <b>Company:</b> <i>EOG Resources</i> <b>Attn:</b> <i>Todd Wells</i> <b>Address:</b> _____ <b>City:</b> _____ <b>State:</b> _____ <b>Zip:</b> _____ <b>Phone #:</b> _____ <b>Fax #:</b> _____													
<b>BILL TO</b>															
<b>ANALYSIS REQUEST</b>															
<b>Lab I.D.</b>  <i>1 East-SUD-6</i> <i>2 East-SUD-7</i> <i>3 East-SUD-8</i> <i>4 East-SUD-9</i> <i>5 C-9</i>	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	MATRIX PRESERV.	SAMPLING DATE TIME	BTEX 8021B TPH 8015 GRO+DROT ORD Chloride 300.0 4500 <i>8/12/823</i>	ANALYSIS REQUEST										
						Relinquished By: _____ Date: <i>12-18-23</i> Time: <i>14:30</i> Received By: _____ Date: _____ Time: _____	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:	REMARKS:	Turnaround Time: _____ Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C						
										Delivered By: (Circle One) Observed Temp. °C <i>5.80</i> Corrected Temp. °C <i>11.40</i> Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: (Initials) _____ Thermometer ID #140 Correction Factor 0°C	Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C				
												Relinquished By: <i>Matthews Cast Region</i> Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:	REMARKS:	Turnaround Time: _____ Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C



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December 14, 2023

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: EOG - CONVOY CENTRAL CTB

Enclosed are the results of analyses for samples received by the laboratory on 12/13/23 12:39.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	12/13/2023	Sampling Date:	12/12/2023
Reported:	12/14/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: C - 1 (H236653-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2023	ND	2.02	101	2.00	1.48	
Toluene*	<0.050	0.050	12/13/2023	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.34	106	6.00	1.32	
Total BTEX	<0.300	0.300	12/13/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/14/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	210	105	200	2.48	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	184	92.2	200	6.88	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 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:	12/13/2023	Sampling Date:	12/12/2023
Reported:	12/14/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: C - 2 (H236653-02)**

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	12/13/2023	ND	2.02	101	2.00	1.48	
Toluene*	<0.050	0.050	12/13/2023	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.34	106	6.00	1.32	
Total BTEX	<0.300	0.300	12/13/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/14/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	210	105	200	2.48	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	184	92.2	200	6.88	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.0 % 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:	12/13/2023	Sampling Date:	12/12/2023
Reported:	12/14/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: C -3 (H236653-03)**

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	12/13/2023	ND	2.02	101	2.00	1.48	
Toluene*	<0.050	0.050	12/13/2023	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.34	106	6.00	1.32	
Total BTEX	<0.300	0.300	12/13/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/14/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	210	105	200	2.48	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	184	92.2	200	6.88	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 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:	12/13/2023	Sampling Date:	12/12/2023
Reported:	12/14/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: C- 4 (H236653-04)**

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	12/13/2023	ND	2.02	101	2.00	1.48	
Toluene*	<0.050	0.050	12/13/2023	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.34	106	6.00	1.32	
Total BTEX	<0.300	0.300	12/13/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/14/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	210	105	200	2.48	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	184	92.2	200	6.88	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.8 % 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:	12/13/2023	Sampling Date:	12/12/2023
Reported:	12/14/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: C -5 (H236653-05)**

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	12/13/2023	ND	2.02	101	2.00	1.48	
Toluene*	<0.050	0.050	12/13/2023	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.34	106	6.00	1.32	
Total BTEX	<0.300	0.300	12/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	12/14/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	210	105	200	2.48	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	184	92.2	200	6.88	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/13/2023	Sampling Date:	12/12/2023
Reported:	12/14/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: C - 6 (H236653-06)**

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	12/13/2023	ND	2.02	101	2.00	1.48	
Toluene*	<0.050	0.050	12/13/2023	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.34	106	6.00	1.32	
Total BTEX	<0.300	0.300	12/13/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	12/14/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	210	105	200	2.48	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	184	92.2	200	6.88	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 75.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.4 % 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:	12/13/2023	Sampling Date:	12/12/2023
Reported:	12/14/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: C - 7 (H236653-07)**

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	12/13/2023	ND	2.02	101	2.00	1.48	
Toluene*	<0.050	0.050	12/13/2023	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.34	106	6.00	1.32	
Total BTEX	<0.300	0.300	12/13/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/14/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	210	105	200	2.48	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	184	92.2	200	6.88	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.5 % 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:	12/13/2023	Sampling Date:	12/12/2023
Reported:	12/14/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: NORTH SW (H236653-08)**

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	12/13/2023	ND	2.02	101	2.00	1.48	
Toluene*	<0.050	0.050	12/13/2023	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.34	106	6.00	1.32	
Total BTEX	<0.300	0.300	12/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	12/14/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	210	105	200	2.48	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	184	92.2	200	6.88	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 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:	12/13/2023	Sampling Date:	12/12/2023
Reported:	12/14/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: EAST SW (H236653-09)**

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	12/13/2023	ND	2.02	101	2.00	1.48	
Toluene*	<0.050	0.050	12/13/2023	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.34	106	6.00	1.32	
Total BTEX	<0.300	0.300	12/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	12/14/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	210	105	200	2.48	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	184	92.2	200	6.88	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 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:	12/13/2023	Sampling Date:	12/12/2023
Reported:	12/14/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: SOUTH SW (H236653-10)**

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	12/13/2023	ND	2.02	101	2.00	1.48	
Toluene*	<0.050	0.050	12/13/2023	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.34	106	6.00	1.32	
Total BTEX	<0.300	0.300	12/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	12/14/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	210	105	200	2.48	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	184	92.2	200	6.88	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.6 % 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:	12/13/2023	Sampling Date:	12/12/2023
Reported:	12/14/2023	Sampling Type:	Soil
Project Name:	EOG - CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: WEST SW (H236653-11)**

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	12/13/2023	ND	2.02	101	2.00	1.48	
Toluene*	<0.050	0.050	12/13/2023	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	2.10	105	2.00	1.69	
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.34	106	6.00	1.32	
Total BTEX	<0.300	0.300	12/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	12/14/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/13/2023	ND	210	105	200	2.48	
DRO >C10-C28*	<10.0	10.0	12/13/2023	ND	184	92.2	200	6.88	
EXT DRO >C28-C36	<10.0	10.0	12/13/2023	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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**Notes and Definitions**

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

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Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record



**Tetra Tech, Inc.**

901 West Wall St, Suite 100  
Midland, Texas 79701  
Tel (432) 692-4559  
Fax (432) 692-3946

Client Name: **EOG** Site Manager: **Brittany Long**

Project Name: **EOG Convoy CTB** Contact Info: [Brittany.Long@tetratech.com](mailto:Brittany.Long@tetratech.com)

Project Location: (county, state) **Lea County, NM** Project #: **212C-MD-02958 Task 100**

Invoice to: **EOG, Attn: Todd Wells**

Receiving Laboratory: **Cardinal Labs** Sampler Signature: \_\_\_\_\_

Comments: \_\_\_\_\_

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION		SAMPLING		MATRIX				# CONTAINERS	FILTERED (Y/N)
	YEAR	DATE	TIME	WATER	SOIL	HCL	HNO <sub>3</sub>	ICE		
1		C-1	12/12/2023	11:43	X		X		1	
2		C-2	12/12/2023	13:40	X		X		1	
3		C-3	12/12/2023	14:50	X		X		1	
4		C-4	12/12/2023	14:55	X		X		1	
5		C-5	12/12/2023	15:00	X		X		1	
6		C-6	12/12/2023	15:15	X		X		1	
7		C-7	12/12/2023	15:16	X		X		1	
8		North SW	12/12/2023	14:45	X		X		1	
9		East SW	12/12/2023	12:50	X		X		1	
10		South SW	12/12/2023	12:30	X		X		1	

Reinquired by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: \_\_\_\_\_ Date: **12-13-23** Time: **12:39**

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

- BTEX 8021B
- 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 ~~3000~~ **4500**
- Chloride Sulfate TDS
- General Water Chemistry (see attached list)
- Anion/Cation Balance
- Asbestos

**LAB USE ONLY**

Sample Temperature: **4.80c**

REMARKS: **Standard by 12-13-23**

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

Rush Charges Authorized

Special Report Limits or TRRP Report

ORIGINAL COPY





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December 18, 2023

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: CONVOY CENTRAL CTB

Enclosed are the results of analyses for samples received by the laboratory on 12/15/23 12:11.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](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:	12/15/2023	Sampling Date:	12/14/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	CONVOY CENTRAL CTB	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02958	Sample Received By:	Dionica Hinojos
Project Location:	EOG - EDDY COUNTY, NM		

**Sample ID: C - 8 ( 3' ) (H236692-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/15/2023	ND	2.20	110	2.00	0.963	
Toluene*	<0.050	0.050	12/15/2023	ND	2.52	126	2.00	10.3	
Ethylbenzene*	<0.050	0.050	12/15/2023	ND	2.65	133	2.00	9.40	
Total Xylenes*	<0.150	0.150	12/15/2023	ND	7.95	133	6.00	10.1	
Total BTEX	<0.300	0.300	12/15/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<b>144</b>	16.0	12/15/2023	ND	416	104	400	6.74	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/15/2023	ND	211	106	200	10.5	
DRO >C10-C28*	<10.0	10.0	12/15/2023	ND	207	104	200	9.94	
EXT DRO >C28-C36	<10.0	10.0	12/15/2023	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager





# Appendix D

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State Correspondence

## Long, Brittany

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**From:** Long, Brittany  
**Sent:** Friday, December 8, 2023 2:08 PM  
**To:** Enviro, OCD, EMNRD  
**Cc:** Gonzales, Clair; Todd Wells  
**Subject:** EOG Convoy Central CTB (nAPP2320048988) Confirmation Sampling Notification

To whom it may concern,

Tetra Tech is scheduled to collect 5 point confirmation, bottom hole and sidewall samples, for the EOG Resources Convoy Central CTB remediation (nAPP2320048988) starting on Wednesday, December 13, 2023, at 8:00 AM. These samples will be placed within the remediaton and will continue each day as the remediation progresses. Please let me know if you have any questions or need any additional information.

Best Regards,

*Brittany D. Long,*

**Brittany D. Long** | Biologist & Project Manager  
Phone: 432.682.4559 | Mobile 432.741.5813 | Fax:432.682.3946  
[Brittany.Long@tetrattech.com](mailto:Brittany.Long@tetrattech.com)

**Tetra Tech** | *Leading with Science*<sup>®</sup>  
901 West Wall Street, Suite 100 Midland, Texas 79701

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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

Action 545063

**QUESTIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 545063
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2320048988
Incident Name	NAPP2320048988 CONVOY CENTRAL CTB @ FAPP2202625732
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2202625732] CONVOY CENTRAL CTB

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	CONVOY CENTRAL CTB
Date Release Discovered	07/18/2023
Surface Owner	State

<b>Incident Details</b>	
<i>Please answer all the questions in this group.</i>	
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

<b>Nature and Volume of Release</b>	
<i>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.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pipeline (Any)   Produced Water   Released: 100 BBL   Recovered: 50 BBL   Lost: 50 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 545063

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 545063
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>Yes</b>
Reasons why this would be considered a submission for a notification of a major release	<b>From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.</b>
<i>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.</i>	

**Initial Response**

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

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

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

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

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 01/21/2026
--	--

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 545063

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 545063
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (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 1/2 and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 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	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**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
<i>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.</i>	
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)	2800
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	2046
GRO+DRO (EPA SW-846 Method 8015M)	1700
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	12/11/2023
On what date will (or did) the final sampling or liner inspection occur	12/14/2023
On what date will (or was) the remediation complete(d)	12/14/2023
What is the estimated surface area (in square feet) that will be reclaimed	1800
What is the estimated volume (in cubic yards) that will be reclaimed	211
What is the estimated surface area (in square feet) that will be remediated	1800
What is the estimated volume (in cubic yards) that will be remediated	211

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

QUESTIONS, Page 4

Action 545063

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 545063
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

**Remediation Plan (continued)**

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and <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	fJEG1635837366 OWL LANDFILL JAL
<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	Not answered.
<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.

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: 01/21/2026
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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 545063

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 545063
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 545063

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 545063
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	<b>293243</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>12/14/2023</b>
What was the (estimated) number of samples that were to be gathered	<b>40</b>
What was the sampling surface area in square feet	<b>3800</b>

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1887
What was the total volume (cubic yards) remediated	211
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	1887
What was the total volume (in cubic yards) reclaimed	211
Summarize any additional remediation activities not included by answers (above)	na

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

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

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 01/21/2026
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Action 545063

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 545063
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Reclamation Report</b>	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 545063

**CONDITIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 545063
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**CONDITIONS**

Created By	Condition	Condition Date
nvez	None	3/13/2026