Section, Township and Range

SITE	INFORM	<b>1ATION</b>
------	--------	---------------

**Report Type: Closure Report (nAPP2307047906/nAPP2316555696)** 

T 24S

R 33E

-103.576488°

	· · · · · · · · · · · · · · · · · · ·	
General Site Information:		
Site:	Convoy Central CTB	
Company:	EOG Resources	

Sec. 28

 Lease Number:
 Lea County

 GPS:
 32.192135°

Surface Owner: State

Unit G

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:
 12.27.2022 / 6.11.2023

 Type Release:
 Crude Oil / Produced Water

 Source of Contamination:
 Cracked Weld / Open Valve

 Fluid Released:
 5 bbl oil / 70 bbls water

 Fluids Recovered:
 0 bbl oil / 38 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:	Todd Wells@eogresources.com	<u>clair.gonzales@tetratech.com</u>

Site Characterization	
Depth to Groundwater:	70' bgs
Karst Potential:	Low

Recommended	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									



October 25, 2023

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

RE: Closure Report EOG Resources Convoy Central CTB Lea County, New Mexico nAPP2307047906 nAPP2316555696

#### Oil Conservation Division:

Tetra Tech, Inc. (Tetra Tech) was contacted by EOG Resources (EOG) to assess a release that occurred at the Convoy Central CTB release, Unit G, Section 28, Township 24 South, Range 33 East, Lea County, New Mexico (Site). The spill site coordinates are 32.192135°, -103.576488°. The site location is shown on **Figures 1 and 2**.

#### **Background**

#### Initial Release (nAPP2307047906)

According to the State of New Mexico C-141 Initial Report, the release at the Site was caused by a developed crack in a weld on the discharge pipe, causing the release of 5 bbls of crude oil. The release was an overspray that impacted the pad surrounding the equipment onsite, impacting an area of 50' in length and 35' in width. Additionally, none of fluids were recovered. On December 27, 2022, the release was discovered, due to an inaccurate initial determination of the amount released and thought to be under 5 barrels, it was not reported immediately. Once the release was reevaluated and determined to be greater than 5 barrels, it was reported to the New Mexico Oil Conservation Division (NMOCD) on March 11, 2023. The C-141 is shown in **Appendix A**.

#### Second Release (nAPP2316555696)

According to the State of New Mexico C-141 Initial Report, the release at the Site was caused by a valve being left open at a load line during facility upgrade activities, causing the release of 70 bbls of produced water. The release ran across the pad and into a pipeline ROW, impacting an area of 210' in length and 70' in width. Additionally, 38 barrels of the fluids were recovered. On June 11, 2023, the release was discovered, and was reported on June 14, 2023, to the New Mexico Oil Conservation Division (NMOCD). The C-141 is shown in **Appendix A**.



#### Site Characterization

#### Significant Water Features

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

#### Initial Release Site Assessment Activities

Tetra Tech conducted site assessment activities on January 5, 2023. A total of three (3) auger holes (AH-1 through AH-3) were installed to depths ranging from surface to 2.5 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 six (6) horizontals (H-1 through H-6) were installed to total depths of 0.5 ft bgs, to horizontally delineate the impact. The impact and sample locations are shown on **Figure 3**.

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

Referring to Table 1, all auger holes (AH-1 through AH-3) did not indicate chloride concentrations above RRALs. However, auger holes (AH-1 and AH-3) indicated TPH concentrations above RRALs, with concentrations ranging from 103 mg/kg to 7,180 mg/kg at depths ranging from surface to 2.5 ft bgs. Auger hole (AH-3) indicated benzene and BTEX concentrations above RRALs, with a benzene concentration of 20.4 mg/kg at surface and BTEX concentrations ranging from 99.9 mg/kg to 213 mg/kg, at depths ranging from surface to 2.5 ft bgs. Vertical delineation of TPH and BTEX was not found in the auger (AH-3) due to hitting refusal due to the dense geological formation. Additionally, auger hole (AH-2) and horizontals (H-1 through H-6) did not indicate benzene, BTEX, TPH, or chloride concentrations above RRALs.

#### <u>Initial Release Remediation Activities</u>

Tetra Tech conducted remediation activities from June 6, 2023 through June 21, 2023. The areas of impact were remediated to depths ranging from 0.5 ft bgs to 2.75 ft bgs. Additionally, a superficial 0.5' scrape was completed on the remaining areas beyond horizontal delineation of surficial staining that did not indicate exceedances for housekeeping purposes. 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. A total of four (4) bottom holes (BH-1 through BH-4) were collected and a total of eleven (11) sidewalls (SW-1 through SW-11) were collected to confirm full removal of impacted soil. The confirmation soil samples were submitted to the Cardinal Laboratory in Hobbs, New Mexico and Eurofins Laboratory in Midland, Texas to be analyzed for TPH method 8015 modified, BTEX 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.

#### Second Release Site Assessment Activities

Tetra Tech conducted site assessment activities on June 21, 2023. A total of eight (8) auger holes (AH-1 through AH-8) were installed to depths ranging from surface to 3.5 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 seven (7) horizontals (H-1 through H-7) were installed to total depths of 0.5 ft bgs, to horizontally delineate the impact. The impact and sample locations are shown on **Figure 5.** 

The samples were submitted to Eurofins Laboratories in Midland, Texas to be analyzed for TPH method 8015 modified, BTEX method 8021B, and Chloride by EPA Method 300.0. The analytical results are summarized in **Table 3** and the analytical laboratory reports are included in **Appendix C**.

Referring to Table 1, all auger holes (AH-1 through AH-8) did not indicate chloride, benzene, or BTEX concentrations above RRALs. However, auger holes (AH-2 through AH-8) indicated TPH concentrations above RRALs, with concentrations ranging from 103 mg/kg to 21,500 mg/kg at depths ranging from surface to 3.5 ft bgs. Vertical delineation of TPH was not found in the auger (AH-2, AH-3, and AH-5 through AH-8) due to hitting refusal due to the dense geological formation. Additionally, Horizontals (H-1 through H-7) did not indicate benzene, BTEX, TPH, or chloride concentrations above RRALs.

#### Second Release Remediation Activities

Tetra Tech conducted remediation activities from July 10, 2023, through July 21, 2023. The areas of impact were remediated to depths ranging from 1.0 ft bgs to 4.5 ft bgs. The remediation areas and depths are shown on **Figure 6.** 

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. A total of fourty-eight (48) bottom holes (BH-1 through BH-48) were collected and a total of twenty-one (21) sidewalls (SW-1 through SW-21) were collected to confirm full removal of impacted soil. The confirmation soil samples were submitted to the Cardinal Laboratory in Hobbs, New Mexico and Eurofins Laboratory in Midland, Texas to be analyzed for TPH method 8015 modified, BTEX method 8021B, and Chloride by EPA Method 300.0 and EPA Method 4500. The analytical results are summarized in **Table 4** 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 (nAPP2307047906 and nAPP2316555696) 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 activites, the RRALs of 600 mg/kg for chlorides and 100 mg/kg for TPH were followed. Based on Tetra Tech assessment activites, laboratory results indicated TPH and BTEX concentrations in both releases 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 1,494 cubic yards total of impacted soil was removed and properly disposed of, with 173 and 1,321 cubic yards from the initial and second release, respectively. 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 final C-141 is included in **Appendix A**.

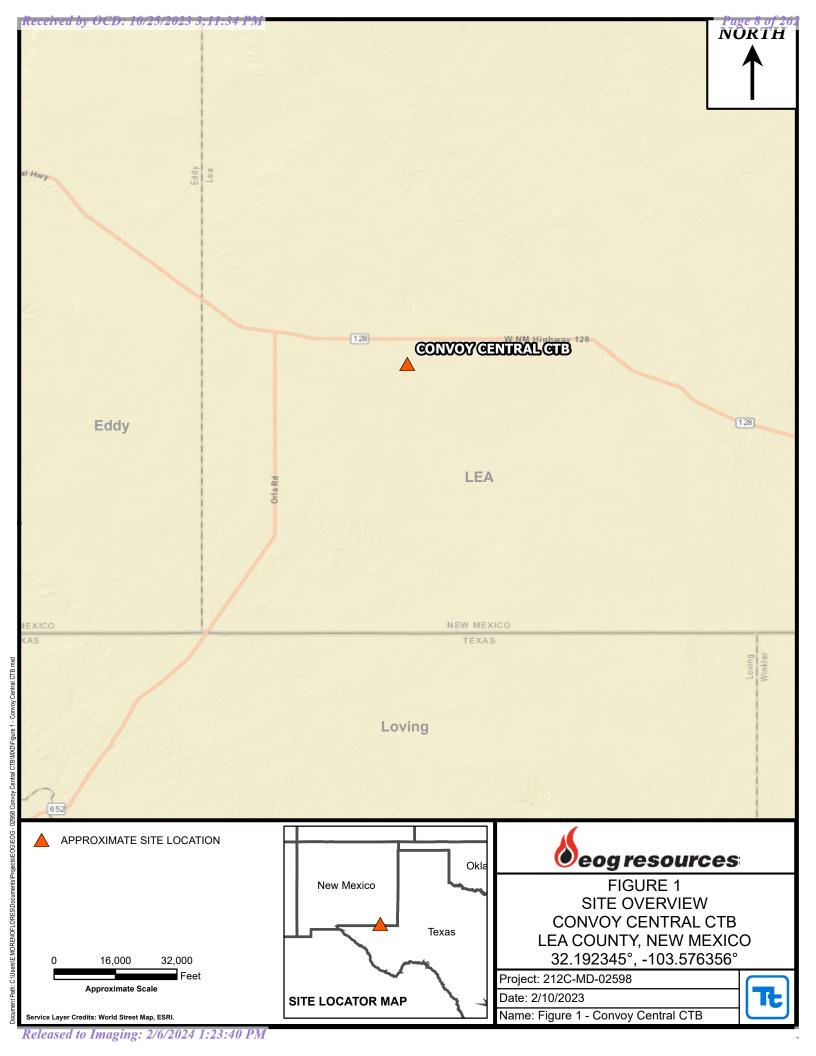
If you require any additional information or have any questions or comments, please contact us at (432) 682-4559.

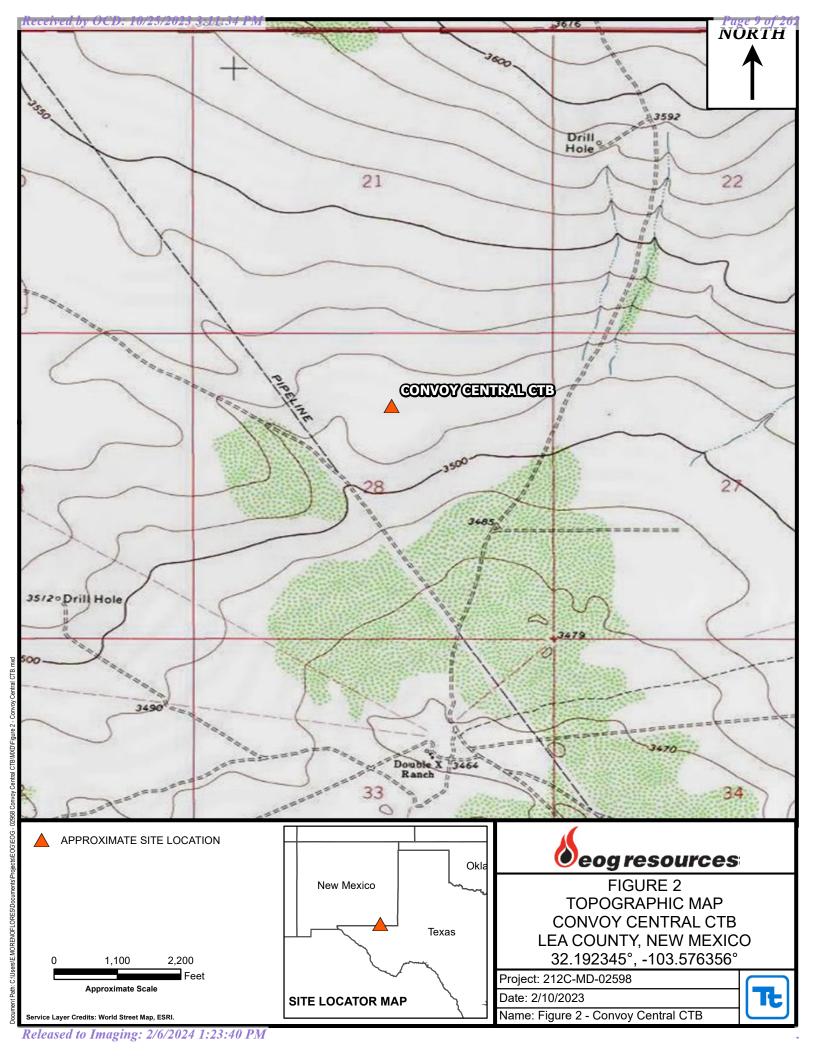
Respectfully submitted, TETRA TECH

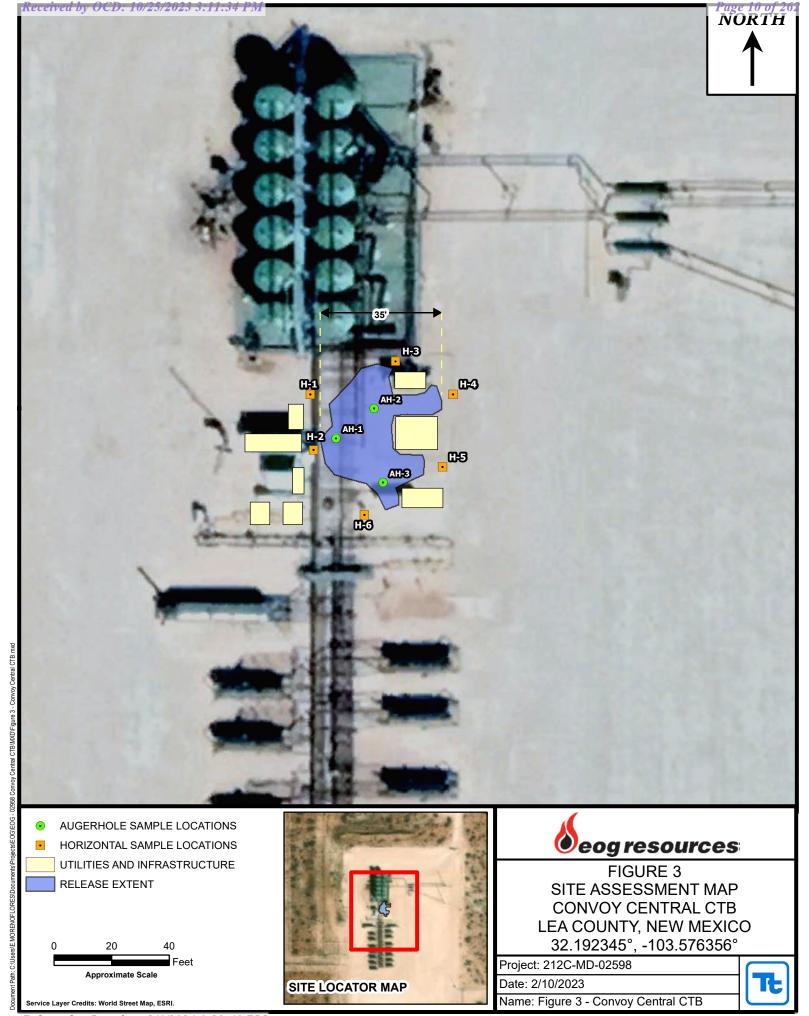
Brittany Long, Project Manager Clair Gonzales, P.G. Senior Project Manager



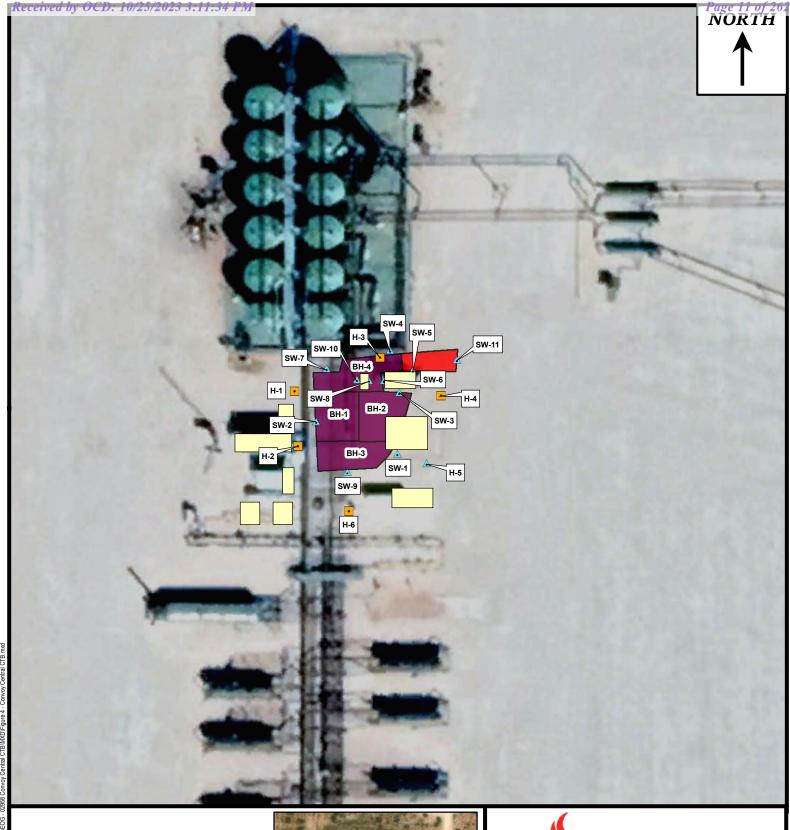
## **Figures**

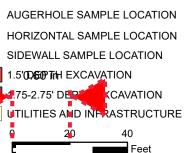






Released to Imaging: 2/6/2024 1:23:40 PM





SITE LOCATOR MAP

## **eog resources**

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

Project: 212C-MD-02598

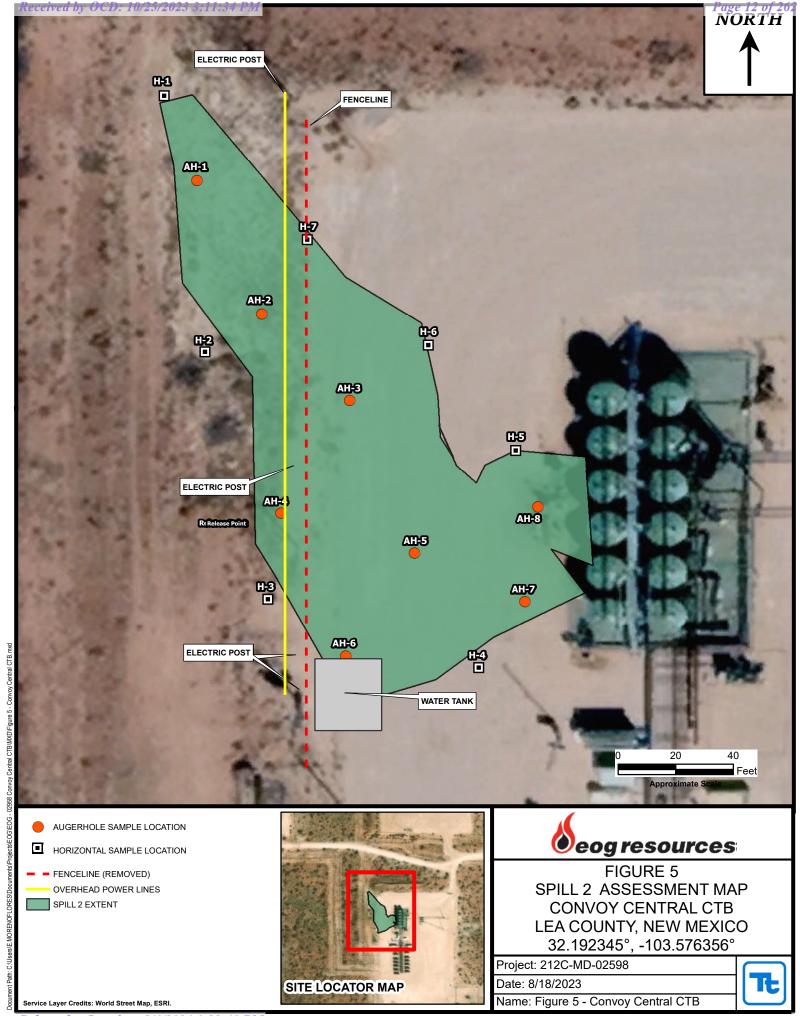
Date: 8/18/2023

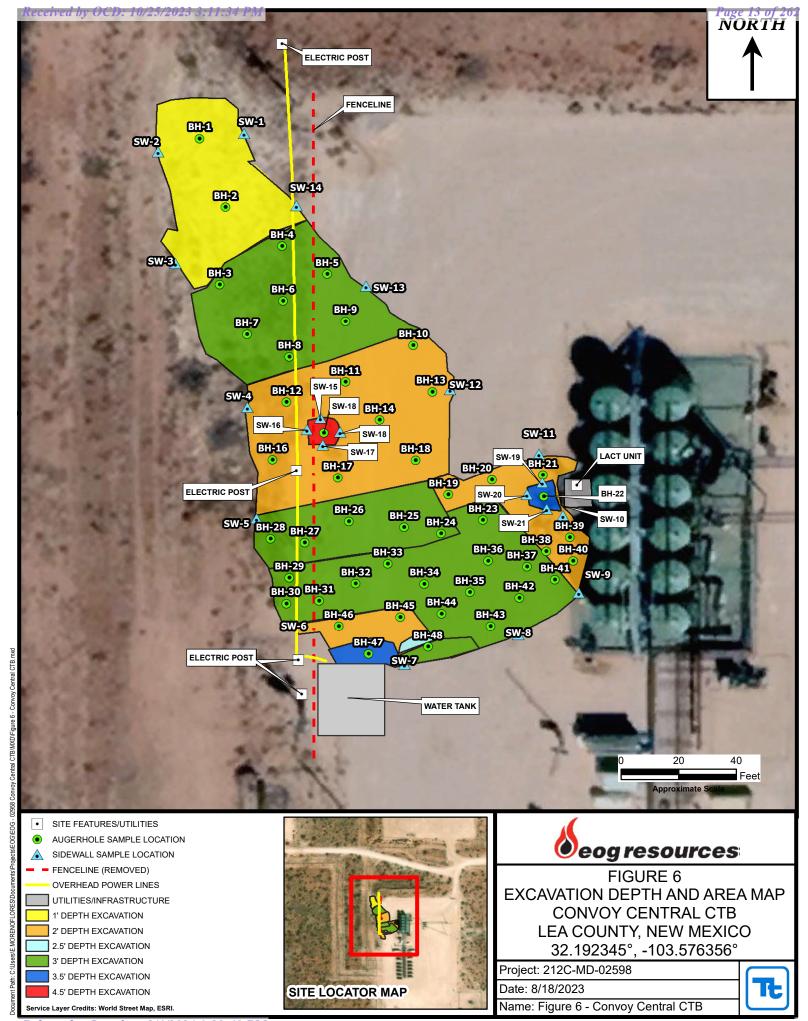
Name: Figure 4 - Convoy Central CTB



**Approximate Scale** 

ervice Layer Credits: World Street Map, ESRI.







## **Tables**

### Table 1 EOG Resources Convoy Central CTB

Lea County, New Mexico

	Commis	Sample	Soil S	Status		TPH	(mg/kg)				BTEX (mg/kg)			Chlorid
Sample ID	Sample Date	Depth (ft)	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)	(mg/kg
RRALs								100	10				50	600
								mg/kg	mg/kg				mg/kg	mg/kg
Initial Release Assessment														
	1/5/2023	0-1	-	Х	<50.0	<50.0	<50.0	<50.0	0.0135	0.374	0.195	0.852	1.43	54.5
AH-1	"	1-1.5	-	Χ	<49.9	103	<49.9	103	0.0373	0.0896	0.229	0.933	1.29	120
	"	2-2.5	Х	-	<50.0	82.3	<50.0	82.3	0.0252	0.0894	0.151	0.591	0.857	106
	1/5/2023	0-1	Х	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	53.8
AH-2	"	1-1.5	Х	-	<49.9	<49.9	<49.9	<49.9	<0.00199	0.00300	<0.00199	0.00860	0.0116	159
	II	2-2.5	Х	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	142
	1/5/2023	0-1	-	Х	2,830	3,850	503	7,180	20.4	138	39.0	150	213	56.1
AH-3	"	1-1.5	-	Х	654	1,520	177	2,350	2.62	36.3	13.9	47.1	99.9	92.1
	II	2-2.5	-	Х	423	642	<49.8	1,070	1.92	30.8	16.2	55.5	104	110
H-1	1/5/2023	0-0.5	Х	-	<49.9	<49.9	<49.9	<49.9	0.00565	0.00255	<0.00202	0.00995	0.0182	59.9
	4/5/2022	0.05	.,		.40.0	04.0	.40.0	04.0	-0.004.00	-0.004.00	.0.00400	.0.00000	.0.00200	452
H-2	1/5/2023	0-0.5	Х	-	<49.8	84.9	<49.8	84.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	153
H-3	1/5/2023	0-0.5	Χ	-	<49.9	<49.9	<49.9	<49.9	0.0122	0.00656	<0.00200	<0.00399	0.0212	92.8
H-4	1/5/2023	0-0.5	Х	-	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	91.9
H-5	1/5/2023	0-0.5	Х	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	79.8
H-6	1/5/2023	0-0.5	Х	-	<49.9	<49.9	<49.9	<49.9	0.00669	<0.00199	<0.00199	<0.00398	0.00669	85.6

#### NOTES

RRALs (Recommended Remediation Action Levels) are based on NMOCD (New Mexico Oil Conservation Devision) 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

Table 2
EOG Resources
Convoy Central CTB
Lea County, New Mexico

1.5 1.75 2 1.5	In-Situ  X	Removed X X	GRO mg/kg	DRO mg/kg	ORO mg/kg	Total mg/kg 100	Benzene (mg/Kg) 10	Toluene (mg/Kg)	BTEX (mg/kg) Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)	Total (mg/Kg)	Chloride (mg/kg)				
1.5 1.75 2	-	X			mg/kg	100		(mg/Kg)	(mg/Kg)	(ma/Ka)	(ma/Ka)	(IIIg/kg)				
1.75	- - - Y		(10.0	Initial Rel			10			(99/						
1.75	- - - V		<b>10.0</b>	Initial Rel							50	600				
1.75	- - - V		<b>410.0</b>	Initial Rel		mg/kg	mg/kg				mg/kg	mg/kg				
1.75	- - V		Initial Release Confirmation Samples   6/14/2023   1.5   -   X   <10.0   89.9   18.4   108   <0.050   <0.050   <0.050   <0.150   <0.300   49.5													
2	- Y	Y	<10.0	89.9	18.4	108	<0.050	<0.050	<0.050	<0.150	<0.300	49.5				
	Y	^	<10.0	368	147	515	<0.050	<0.050	<0.050	<0.150	<0.300	65.6				
1.5	^	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	57.1				
	-	Х	<10.0	102	23.9	126	<0.050	<0.050	<0.050	<0.150	<0.300	51.7				
1.75	Χ	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	55.5				
2.5	-	Х	<10.0	88.6	36.6	125	<0.050	<0.050	<0.050	<0.150	<0.300	46.7				
2.75	Х	-	<10.0	12.3	<10.0	12.3	<0.050	<0.050	<0.050	<0.150	<0.300	60.9				
1.75	Х	-	<10.0	47.1	14.2	61.3	<0.050	<0.050	<0.050	<0.150	<0.300	61.5				
	Х	_	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.5				
			<10.0	30.2	<10.0	30.2	<0.050	<0.050	<0.050	<0.150	<0.300	54.3				
	Х	-	<10.0	30.2	<10.0	30.2	<0.050	<0.050	<0.050	<0.150	<0.300	54.3				
	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	49.5				
	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	49.6				
	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	54.6				
	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	59.6				
	Х	-	<10.0	15.1	<10.0	15.1	<0.050	<0.050	<0.050	<0.150	<0.300	58.7				
	Х	-	<10.0	16.8	<10.0	16.8	<0.050	<0.050	<0.050	<0.150	<0.300	53.7				
<u> </u>												37.8				
	Х	-	<10.0		<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300					
	Х	-	<10.0	27.6	<10.0	27.6	<0.050	<0.050	<0.050	<0.150	<0.300	39.9				
	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	37.4				
			X -	X - <10.0	X - <10.0 27.6	X - <10.0 27.6 <10.0	X - <10.0 27.6 <10.0 27.6	X - <10.0 27.6 <10.0 27.6 <0.050	X - <10.0 27.6 <10.0 27.6 <0.050 <0.050	X	X - <10.0 27.6 <10.0 27.6 <0.050 <0.050 <0.050 <0.150	X   -   <10.0   27.6   <10.0   27.6   <0.050   <0.050   <0.050   <0.150   <0.300				

#### NOTES

RRALs (Recommended Remediation Action Levels) are based on NMOCD (New Mexico Oil Conservation Devision) *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 3 EOG Resources Convoy Central CTB

Lea County, New Mexico

	01-	Sample	Soil S	tatus			(mg/kg)	VEW WIENIC			BTEX (mg/kg)			Obligation
Sample ID	Sample Date	Depth	In-Situ	Removed	GRO	DRO	ORO	Total	Benzene	Toluene	Ethylbenzene	Xylenes	Total	Chloride (mg/kg)
	Date	(ft)	in-Situ	Removed	mg/kg	mg/kg	mg/kg	mg/kg	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(IIIg/kg)
RRALs								100	10				50	600
ITTALS								mg/kg	mg/kg				mg/kg	mg/kg
						Seco	nd Release	e Assessme	ent					
	6/21/2023	0-1	Χ	-	<10.0	13.1	<10.0	13.1	<0.050	<0.050	<0.050	<0.150	<0.300	60.8
AH-1	"	1-1.5	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	59.1
A11-1	"	2-2.5	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	60.2
	"	3-3.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	54.0
	6/21/2023	0-1	-	Х	<10.0	580	133	713	<0.050	<0.050	<0.050	<0.150	<0.300	66.5
AH-2	"	1-1.5	-	Χ	<10.0	352	74.5	427	<0.050	<0.050	<0.050	<0.150	<0.300	56.1
An-Z	"	2-2.5	-	X	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	51.0
	"	3-3.5	-	Х	<10.0	90	13.0	103	<0.050	<0.050	<0.050	<0.150	<0.300	52.3
AH-3	6/21/2023	0-1	-	Х	<10.0	4,350	1,080	5,430	<0.050	<0.050	<0.050	<0.150	<0.300	77.5
	6/21/2023	0-1	-	Х	<10.0	570	182	752	<0.050	<0.050	<0.050	<0.150	<0.300	70.8
AH-4	"	1-1.5	-	Χ	<10.0	262	84.2	346	<0.050	<0.050	<0.050	<0.150	<0.300	53.5
	II .	2-2.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	51.5
AH-5	6/21/2023	0-1	-	Х	<10.0	3,940	989	4,929	<0.050	<0.050	<0.050	<0.150	<0.300	52.4
AH-6	6/21/2023	0-1	-	Х	<10.0	382	109	491	<0.050	<0.050	<0.050	<0.150	<0.300	63.3
AH-7	6/21/2023	0-1	-	Х	<10.0	2,820	859	3,679	<0.050	<0.050	<0.050	<0.150	<0.300	61.0
AH-8	6/21/2023	0-1	-	Х	218	17,900	3,390	21,500	<0.050	0.141	0.532	2.86	3.53	219.0
H-1	6/21/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.8
H-2	6/21/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.2
H-3	6/21/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	40.6
H-4	6/21/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	41.5
H-5	6/21/2023		Х		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	46.6
H-6	6/21/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	46.3
H-7	6/21/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	53.9

#### NOTES

RRALs (Recommended Remediation Action Levels) are based on NMOCD (New Mexico Oil Conservation Devision) 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

Table 4
EOG Resources
Convoy Central CTB
Lea County, New Mexico

Sample ID	Sample			Status	TPH (mg/kg) BTEX (mg/kg)								Chloride	
	Date	Depth	In-Situ	Removed	GRO	DRO	ORO	Total	Benzene	Toluene	Ethylbenzene	-	Total	(mg/kg)
		(ft)			mg/kg	mg/kg	mg/kg	mg/kg 100	(mg/Kg) 10	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg) 50	600
RRALs								mg/kg	mg/kg				mg/kg	mg/kg
					5	Second Re	lease Con	firmation Sa	ampling					
BH-1	7/12/2023	1	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
BH-2	7/12/2023	1	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
BH-3	7/12/2023	3	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
BH-4	7/12/2023	3	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-5	7/12/2023	3	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
BH-6	7/12/2023	3	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
BH-7	7/12/2023	3	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
BH-8	7/12/2023	3	-	Х	<10.0	77.9	27.3	105	<0.050	<0.050	<0.050	<0.150	<0.300	144
	7/14/2023	3	Х	-	<10.0	13	<10.0	12.7	<0.050	<0.050	<0.050	<0.150	<0.300	368
BH-9	7/12/2023	3	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
BH-10	7/12/2023	2	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
BH-11	7/12/2023	2	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	560
BH-12	7/12/2023	2	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
BH-13	7/12/2023	2	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
BH-14	7/12/2023	3	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
BH-15	7/13/2023	2	-	X	<10.0	284	65.1	349	<0.050	<0.050	<0.050	<0.150	<0.300	416
	7/19/2023	4.5	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192.0
BH-16	7/13/2023	2	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
BH-17	7/13/2023	2	Х	-	<10.0	37.8	<10.0	37.8	<0.050	<0.050	<0.050	<0.150	<0.300	256
BH-18	7/13/2023	2	Х	-	<10.0	56.1	12.7	68.8	<0.050	<0.050	<0.050	<0.150	<0.300	208
BH-19	7/13/2023	2	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-20	7/13/2023	2	Х	-	<10.0	36.3	<10.0	36.3	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
BH-21	7/13/2023	2	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
BH-22	7/13/2023 7/19/2023	3 3.5	X	-	<10.0 <10.0	<10.0 68	<10.0 11.3	<10.0 79.2	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	144 144

Table 4
EOG Resources
Convoy Central CTB
Lea County, New Mexico

	Commis	Sample	Soil S	Status	TPH (mg/kg) BTEX (mg/kg)							Chloride		
Sample ID	Sample Date	Depth	In-Situ	Removed	GRO	DRO	ORO	Total	Benzene	Toluene	Ethylbenzene		Total	(mg/kg)
		(ft)			mg/kg	mg/kg	mg/kg	mg/kg	(mg/Kg) 10	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg) 50	600
RRALs								100 mg/kg	mg/kg				mg/kg	mg/kg
BH-23	7/13/2023	3	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-24	7/13/2023	3	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
BH-25	7/13/2023	3	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-26	7/13/2023	3	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-27	7/13/2023	3	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
BH-28	7/14/2023	3.5	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
BH-29	7/13/2023	2	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
BH-30	7/13/2023	3	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
BH-31	7/14/2023	3	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
BH-32	7/14/2023	3	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
BH-33	7/14/2023	3	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
BH-34	7/14/2023	3	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
BH-35	7/14/2023	3	Х	-	<10.0	16.1	<10.0	16.1	<0.050	<0.050	<0.050	<0.150	<0.300	432
BH-36	7/14/2023	2	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
BH-37	7/14/2023	3	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
BH-38	7/14/2023	2	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
BH-39	7/14/2023	2	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
BH-40	7/14/2023	2	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
BH-41	7/14/2023	3	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-42	7/14/2023 7/19/2023	3 3.5	- X	X -	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	224 176
	7/14/2023	3	-	Х	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
BH-43	7/19/2023	3.5	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224.0
BH-44	7/14/2023	3	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
BH-45	7/14/2023	2	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
BH-46	7/14/2023	2	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
BH-47	7/14/2023	3.5	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0

# Table 4 EOG Resources Convoy Central CTB

Lea County, New Mexico

	Sample	Sample	Soil S	Status	TPH (mg/kg) BTEX (mg/kg)								Chloride	
Sample ID	Date	Depth	In-Situ	Removed	GRO	DRO	ORO	Total	Benzene	Toluene	Ethylbenzene	-	Total	(mg/kg)
RRALs		(ft)			mg/kg	mg/kg	mg/kg	mg/kg 100 mg/kg	(mg/Kg) 10 mg/kg	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg) 50 mg/kg	600 mg/kg
BH-48	7/14/2023	2	-	Х	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
	7/19/2023	3	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64
SW-1	7/11/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-2	7/11/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-3	7/11/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-4	7/11/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-5	7/11/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-6	7/11/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-7	7/12/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-8	7/12/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-9	7/12/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-10	7/12/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-11	7/12/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-12	7/12/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-13	7/12/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-14	7/12/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-15	7/19/2023		Х	-	<10.0	13.2	<10.0	13.2	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-16	7/19/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-17	7/19/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-18	7/19/2023		Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-19	7/19/2023		Х	-	<10.0	41.4	<10.0	41.4	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-20	7/19/2023		Х	-	<10.0	43.7	<10.0	43.7	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-21	7/19/2023 7/26/2023		- X	X -	<10.0 <10.0	<b>169</b> <10.0	40.5 <10.0	<b>210</b> <10.0	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	80.0 64.0

#### NOTES

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

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

 $\label{lem:bolded} \textbf{Bolded cells represent a detected concentration above the respective screening value}.$ 

< = 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

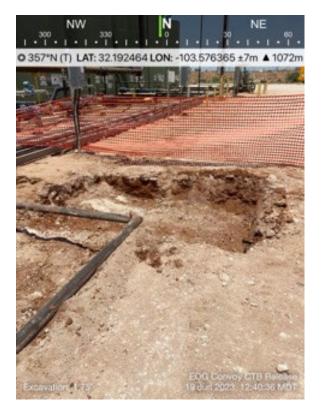
## EOG Resources Convoy Central CTB 1<sup>st</sup> Release Eddy County, New Mexico



ETRA TECH



View of Remediation Activities - View North



View of Remediation Activities - View North

## EOG Resources Convoy Central CTB 1<sup>st</sup> Release Eddy County, New Mexico



ETRA TECH



View of Remediation Activities - View North

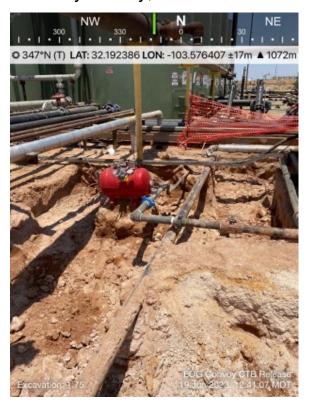


View of Remediation Activities - View North

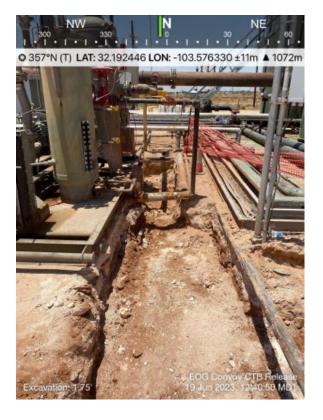
## EOG Resources Convoy Central CTB 1<sup>st</sup> Release Eddy County, New Mexico



TETRA TEC



View of Remediation Activities - View North



View of Remediation Activities - View North

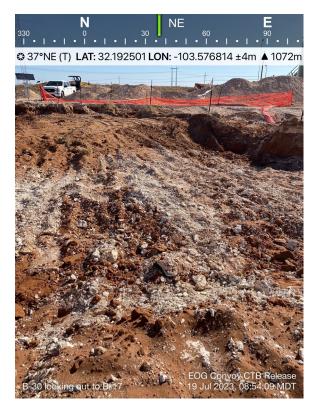
## EOG Resources Convoy Central CTB 2<sup>nd</sup> Release Eddy County, New Mexico



NW N NE



View of Remediation Activities - View North



View of Remediation Activities – View Northeast

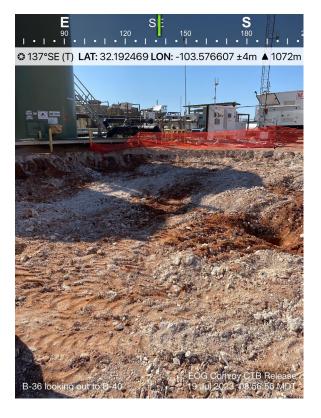
## EOG Resources Convoy Central CTB 2<sup>nd</sup> Release Eddy County, New Mexico





TETRATECH

View of Remediation Activities - View North



View of Remediation Activities – View Southeast

## **EOG** Resources **Convoy Central CTB** 2<sup>nd</sup> Release Eddy County, New Mexico





View of Remediation Activities – View Northeast



View of Remediation Activities – View West

## **EOG** Resources Convoy Central CTB 2<sup>nd</sup> Release









View of Remediation Activities – View Northwest



# Appendix A

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

Responsible Party EOG Resources

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	nAPP2307047906
District RP	
Facility ID	
Application ID	

## **Release Notification**

### **Responsible Party**

**OGRID** 7377

Contact Name Todd Wells			Contact T	elephone (432) 686-3613		
Contact email Todd_Wells@eogresources.com			Incident #	(assigned by OCD) nAPP2307047906		
Contact mailing address 5509 Champions Drive Midland, TX 79706						
			Locatio	n of F	Release S	ource
Latitude 32.1	92135°		(NAD 83 in a	decimal d	Longitude gegrees to 5 decir	-103.576488° mal places)
Site Name O	Convoy Cent	ral CTB			Site Type	Tank Battery
Date Release	Discovered	12/27/22			API# (if app	plicable)
Unit Letter	Section	Township	Range		Cour	nty
G	28	24S	33E	Lea		
Crude Oi	1	Volume Release	ed (bbls) 5			Volume Recovered (bbls) 0
Produced	Water	Volume Release	ed (bbls)			Volume Recovered (bbls)
		Is the concentration of dissolved chlorid produced water >10,000 mg/l?			e in the	☐ Yes ☐ No
Condensa	ite	Volume Release	ed (bbls)			Volume Recovered (bbls)
Natural Gas Volume Released (Mcf)			Volume Recovered (Mcf)			
Other (describe) Volume/Weight Released (provide units)			)	Volume/Weight Recovered (provide units)		
the release w	as estimated		bbls. Following			ed oil on the ground surrounding it on the pad. Initially the release volume was revised to approximately 5 bbls

Received by OCD: 10/25/2023/3311434PM Form C-141 State of New Mexico Page 2 Oil Conservation Division

P	ag	ė	3	<b>1</b> e	oj	f,	2	6	2

Incident ID	NAPP2307047906
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the respo	nsible party consider this a major release?
19.15.29.7(A) NMAC?		
☐ Yes ⊠ No		
If VES, was immediate no	otice given to the OCD? By whom? To w	nom? When and by what means (phone, email, etc)?
II 125, was ininectate no	once given to the OCD: By whom: To w	ioni: When and by what means (phone, eman, etc):
	Initial R	esponse
The responsible p	party must undertake the following actions immediate	ly unless they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stopped.	
The impacted area ha	s been secured to protect human health and	the environment.
Released materials ha	we been contained via the use of berms or	dikes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed an	d managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain	why:
has begun, please attach a	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred blease attach all information needed for closure evaluation.
regulations all operators are public health or the environm failed to adequately investigated.	required to report and/or file certain release not ment. The acceptance of a C-141 report by the of ate and remediate contamination that pose a through	best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name:Todd	Wells Title:	Environmental Specialist
Signature: Toda	d Wells	Date: <u>3-11-23</u>
email:Todd_V	Wells@eogresources.com	Telephone: (432) 686-3613
OCD Only		
Received by:	elyn Harimon	Date:03/13/2023

Received by OCD: 10/25/2023 3:11:34 PM Form C-141 State of New Mexico Page 3 Oil Conservation Division

	Page 32 of 262
Incident ID	
District RP	
Facility ID	
Application ID	

## **Site Assessment/Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)		
Did this release impact groundwater or surface water?	☐ Yes ☐ No		
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No		
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No		
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No		
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No		
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No		
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No		
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No		
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No		
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No		
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No		
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	☐ Yes ☐ No		
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil		
Characterization Report Checklist: Each of the following items must be included in the report.			
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.  Field data  Data table of soil contaminant concentration data  Depth to water determination  Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release  Boring or excavation logs  Photographs including date and GIS information  Topographic/Aerial maps  Laboratory data including chain of custody			

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

Received by OCD: 10/25/2023 3:11:34 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

Page 33 of 262

Incident ID		
District RP		
Facility ID		
Application ID		

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release no public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a the addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	tifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have reat to groundwater, surface water, human health or the environment. In
Printed Name:	
Signature: Todd Wells	Date:
email:	Telephone:
OCD Only	
Received by:	Date:

Received by OCD: 10/25/2023 3:11:34 PM Form C-141 State of New Mexico Page 6 Oil Conservation Division

	Page 34 of 262
Incident ID	
District RP	
Facility ID	
Application ID	

### Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

☐ A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC		
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)			
☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)		
☐ Description of remediation activities			
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in		
Printed Name:			
Signature: Todd Wells	Date:		
email:	Telephone:		
OCD Only			
Received by:	Date:		
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.		
Closure Approved by:	Date:		
Printed Name:	Title:		

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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2316555696
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 7	t # (assigned by OCD) nAPP2316555696			
Contact mailing address 5509 Champions Drive Midland, TX 79706									
Location of Release Source									
Latitude 32.192436° Longitude -103.576510°									
<u> </u>	, 2 . 0 0		(NAD 83 in 6	decimal de		ecimal places)			
Site Name Convoy Central CTB						pe Tank Battery			
Date Release Discovered 6/11/23					API# (if ap	applicable)			
Unit Letter	Section	Township	Range		Con	ounty			
G	28	24S	33E	Lea	County				
Surface Owne	r: X State	Federal T	ribal Private	(Name:		)			
	<del>_</del>					<del></del>			
			Nature an	id Vo	lume of	f Release			
Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)									
Crude Oil		Volume Released (bbls)				Volume Recovered (bbls)			
Produced Water		Volume Released (bbls) 70				Volume Recovered (bbls) 38			
		Is the concentration of dissolved chloride produced water >10,000 mg/l?			e in the	⊠ Yes □ No			
Condensate		Volume Released (bbls)				Volume Recovered (bbls)			
Natural Gas		Volume Released (Mcf)				Volume Recovered (Mcf)			
Other (describe)		Volume/Weight Released (provide units)			)	Volume/Weight Recovered (provide units)			
Cause of Release: Following a facility upgrade, the valve for one of the water tanks was left open at the load line. This caused the									
release of approximately 70 bbls of produced water that ran across the pad and into the ROW with 38 bbls recovered.									

Received by OCD: 10/25/2023/31/1234 PM State of New Mexico
Page 2 Oil Conservation Division

Page 36cof 262

Incident ID	NAPP2316555696
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the resp	onsible party consider this a major release? More than 25 bbls.					
⊠ Yes □ No							
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? James Kennedy sent the email notification to the NMOCD Inbox on 6/12/23.							
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.							
☐ The impacted area has been secured to protect human health and the environment.							
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.							
All free liquids and recoverable materials have been removed and managed appropriately.							
D.:: 10 15 20 9 D (4) NIM	A C the many and the many and another ma	U diam incomplication of a malagae. If namediation					
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: Todd	Wells Title:	Environmental Specialist					
Signature: Toda	d Wells	Date: <u>6/14/23</u>					
email:Todd_V	Wells@eogresources.com	Telephone: <u>(432) 686-3613</u>					
OCD Only							
Received by:Jocely	n Harimon	Date:06/15/2023					

	Page 37 of 26	2
Incident ID	nAPP2316555696	
District RP		
Facility ID		
Application ID		

# Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	70 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes 🕢 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes 🚺 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes 🚺 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes 🕢 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes 🚺 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes 🕢 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes 🚺 No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes 🚺 No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes 🕢 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes 🚺 No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes 🕢 No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	✓ Yes 🗌 No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and verticentamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	ical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	
<ul> <li>✓ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells</li> <li>✓ Field data</li> <li>✓ Data table of soil contaminant concentration data</li> <li>✓ Depth to water determination</li> <li>✓ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</li> <li>✓ Boring or excavation logs</li> <li>✓ Photographs including date and GIS information</li> <li>✓ Topographic/Aerial maps</li> <li>✓ Laboratory data including chain of custody</li> </ul>	3.

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

Received by OCD: 10/25/2023 3:11:34 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 38 of 2	62
Incident ID	nAPP2316555696	
District RP		
Facility ID		
Application ID		

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a thr addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	ifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In
Printed Name: Todd Wells	Title: Environmental Specialist
Signature: Todd Wells	Date:10/25/23
email: Todd_Wells@eogresources.com	Telephone: (432) 686-3613
OCD Only	
Received by:	Date:

Page 39 of 262

Incident ID	nAPP2316555696
District RP	
Facility ID	
Application ID	

# Closure

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

Closure Report Attachr	ment Checklist: Each of the following i	items mu	ıst be incli	uded in the closure report.
✓ A scaled site and san	apling diagram as described in 19.15.29.1	11 NMA	C	
✓ Photographs of the remust be notified 2 days p		of the li	iner integr	ity if applicable (Note: appropriate OCD District office
✓ Laboratory analyses	of final sampling (Note: appropriate ODC	C Distric	t office m	ust be notified 2 days prior to final sampling)
✓ Description of remed	iation activities			
and regulations all operato may endanger public healt should their operations hav human health or the enviro compliance with any other restore, reclaim, and re-ve	rs are required to report and/or file certain hor the environment. The acceptance of the failed to adequately investigate and report of federal, state, or local laws and/or regular getate the impacted surface area to the cost of 13 NMAC including notification to the Cost of the failed the failed to the failed the faile	in release f a C-141 mediate a C-141 ations. Tonditions OCD whe	e notificati report by contamina report doe The respon that existe en reclama	
Signature: /odd U	Vells	Date: _	10/25/	23
email: Todd_Wells@eogre	sources.com	Teleph	one: (432)	686-3613
OCD Only				
Received by:		_	Date:	
remediate contamination th		water, hi	uman healt	their operations have failed to adequately investigate and th, or the environment nor does not relieve the responsible
Closure Approved by:	Nelson Velez		_ Date: _	02/06/2024
Printed Name:	Nelson Velez Nelson Velez	_	Title: _	Environmental Specialist - Adv



# Appendix B

Site Characterization Documents



NA

# New Mexico Office of the State Engineer

# **Point of Diversion Summary**

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

33

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

 $\mathbf{X}$ 

24S 33E 634420 3560893

**Driller License:** 

**Driller Company:** 

**Driller Name:** 

UNKNOWN

**Drill Start Date:** 01/01/1890

C 02310

**Drill Finish Date:** 

12/31/1890

Plug Date:

Log File Date:

**PCW Rcv Date:** 

Source:

**Pump Type:** 

Pipe Discharge Size:

Estimated Yield: 60 GPM

**Casing Size:** 

8.50

Depth Well:

120 feet

Depth Water:

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



#### Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> 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: <u>Next Generation Monitoring Location Page</u>

#### 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 (1210GLL) local aquifer.

### **Output formats**

	Output formuts
Tal	ble of data
<u>Tal</u>	b-separated data
<u>Gr</u>	aph of data
<u>Re</u>	eselect period

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measure
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 measure
1996-03-01		D	62610		3378.99	NGVD29	1	S	3	
1996-03-01		D	62611		3380.65	NAVD88	1	S	5	
1996-03-01		D	72019	94.35			1	S	5	

#### 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	А	Approved for publication Processing and review completed.

Questions about sites/data? Feedback on this web site **Automated retrievals** <u>Help</u> <u>Data Tips</u> Explanation of terms
Subscribe for system changes <u>News</u>

Accessibility FOIA

U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for New Mexico: Water Levels URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

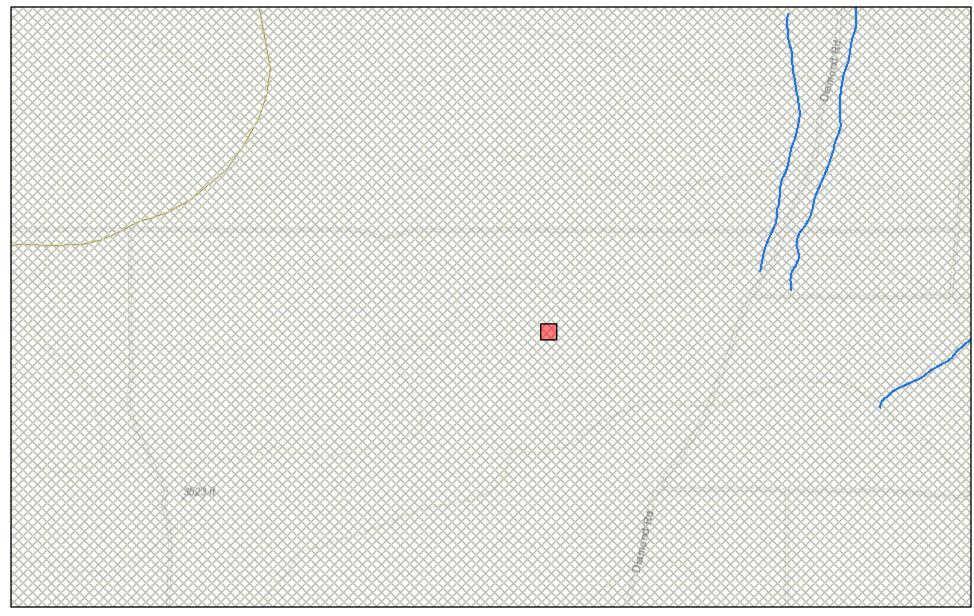
Page Contact Information: New Mexico Water Data Maintainer Page Last Modified: 2023-01-27 01:22:39 EST

0.28 0.24 nadww01

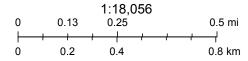




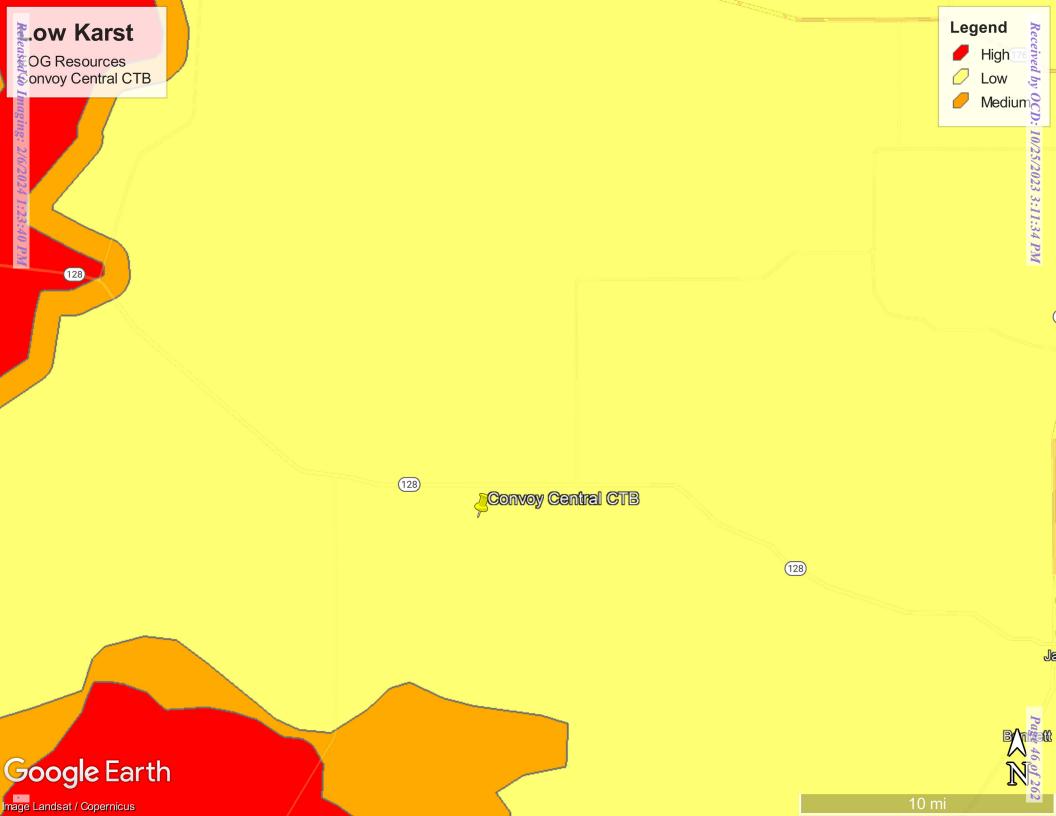
# New Mexico NFHL Data



January 26, 2023



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





# Appendix C

**Laboratory Reports** 

**Environment Testing** 

# **ANALYTICAL REPORT**

# PREPARED FOR

Attn: Brittany Long Tetra Tech, Inc. 901 W Wall Ste 100 Midland, Texas 79701

Generated 1/19/2023 1:48:38 PM

# **JOB DESCRIPTION**

Convoy Central CTB SDG NUMBER Lea County NM

# **JOB NUMBER**

890-3772-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220

# **Eurofins Carlsbad**

# **Job Notes**

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

# **Authorization**

Generated 1/19/2023 1:48:38 PM

Authorized for release by Jessica Kramer, Project Manager Jessica.Kramer@et.eurofinsus.com (432)704-5440 Q

9

10

12

13

14

Client: Tetra Tech, Inc.

Project/Site: Convoy Central CTB

Laboratory Job ID: 890-3772-1

SDG: Lea County NM

# **Table of Contents**

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	18
QC Sample Results	20
QC Association Summary	30
Lab Chronicle	35
Certification Summary	40
Method Summary	41
Sample Summary	42
Chain of Custody	43
Receipt Checklists	45

2

3

4

6

8

10

11

13

14

### **Definitions/Glossary**

Job ID: 890-3772-1 Client: Tetra Tech, Inc. Project/Site: Convoy Central CTB SDG: Lea County NM

#### **Qualifiers**

#### **GC VOA**

Qualifier **Qualifier Description** S1+ Surrogate recovery exceeds control limits, high biased. U Indicates the analyte was analyzed for but not detected.

**Qualifier Description** 

**Qualifier Description** 

#### **GC Semi VOA**

\*1 LCS/LCSD RPD exceeds control limits. S1+ Surrogate recovery exceeds control limits, high biased. Indicates the analyte was analyzed for but not detected.

#### **HPLC/IC** Qualifier

Qualifier

F1 MS and/or MSD recovery exceeds control limits. U Indicates the analyte was analyzed for but not detected.

### **Glossary**

Abbreviation These commonly used abbreviations may or may not be present in this report. ¤ Listed under the "D" column to designate that the result is reported on a dry weight basis %R Percent Recovery CFL Contains Free Liquid CFU Colony Forming Unit Contains No Free Liquid **CNF** Duplicate Error Ratio (normalized absolute difference) DER Dil Fac **Dilution Factor** Detection Limit (DoD/DOE) DL, RA, RE, IN

DLC EDL

Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

Decision Level Concentration (Radiochemistry)

Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) Limit of Quantitation (DoD/DOE) LOQ

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

Method Detection Limit MDL ML Minimum Level (Dioxin) MPN Most Probable Number MOI Method Quantitation Limit

NC Not Calculated

Not Detected at the reporting limit (or MDL or EDL if shown) ND

NEG Negative / Absent POS Positive / Present **Practical Quantitation Limit PQL** 

**PRES** Presumptive **Quality Control** QC

Relative Error Ratio (Radiochemistry) **RER** 

Reporting Limit or Requested Limit (Radiochemistry) RL

**RPD** Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin) TEF Toxicity Equivalent Quotient (Dioxin) **TEQ** 

**TNTC** Too Numerous To Count

#### **Case Narrative**

Client: Tetra Tech, Inc.

Project/Site: Convoy Central CTB

Job ID: 890-3772-1 SDG: Lea County NM

Job ID: 890-3772-1

**Laboratory: Eurofins Carlsbad** 

Narrative

Job Narrative 890-3772-1

#### Receipt

The samples were received on 1/5/2023 1:41 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 16.1°C

#### **Receipt Exceptions**

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (890-3772-1), H-2 (890-3772-2), H-3 (890-3772-3), H-4 (890-3772-4), H-5 (890-3772-5), H-6 (890-3772-6), AH-1 (0-1') (890-3772-7), AH-1 (1-1.5') (890-3772-8), AH-1 (2-2.5') (890-3772-9), AH-2 (0-1') (890-3772-10), AH-2 (1-1.5') (890-3772-11), AH-2 (2-2.5') (890-3772-12), AH-3 (0-1') (890-3772-13), AH-3 (1-1.5') (890-3772-14) and AH-3 (2-2.5') (890-3772-15).

#### GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: AH-1 (0-1') (890-3772-7), AH-3 (0-1') (890-3772-13), AH-3 (1-1.5') (890-3772-14) and AH-3 (2-2.5') (890-3772-15). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: AH-1 (1-1.5') (890-3772-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: AH-1 (2-2.5') (890-3772-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: AH-3 (1-1.5') (890-3772-14) and AH-3 (2-2.5') (890-3772-15). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### GC Semi VOA

Method 8015MOD\_NM: The surrogate recovery for the blank associated with preparation batch 880-43699 and analytical batch 880-43692 was outside the upper control limits.

Method 8015MOD\_NM: The surrogate recovery for the blank associated with preparation batch 880-43712 and analytical batch 880-43694 was outside the upper control limits.

Method 8015MOD\_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-43713 and analytical batch 880-43779 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD\_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-43713/1-A). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### HPLC/IC

Method 300\_ORGFM\_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-43540 and analytical batch 880-43613 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

4

5

6

o

9

11

| | 4

Client: Tetra Tech, Inc.

Job ID: 890-3772-1

Project/Site: Convoy Central CTB

SDG: Lea County NM

Client Sample ID: H-1

Date Collected: 01/05/23 00:00 Date Received: 01/05/23 13:41 Lab Sample ID: 890-3772-1

Matrix: Solid

\_ 4

5

7

9

11

13

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00565		0.00202		mg/Kg		01/09/23 10:59	01/12/23 22:17	1
Toluene	0.00255		0.00202		mg/Kg		01/09/23 10:59	01/12/23 22:17	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/09/23 10:59	01/12/23 22:17	1
m-Xylene & p-Xylene	0.00520		0.00403		mg/Kg		01/09/23 10:59	01/12/23 22:17	1
o-Xylene	0.00475		0.00202		mg/Kg		01/09/23 10:59	01/12/23 22:17	1
Xylenes, Total	0.00995		0.00403		mg/Kg		01/09/23 10:59	01/12/23 22:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130				01/09/23 10:59	01/12/23 22:17	1
1,4-Difluorobenzene (Surr)	91		70 - 130				01/09/23 10:59	01/12/23 22:17	1
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0182		0.00403		mg/Kg			01/13/23 08:07	1
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (	GC)						
Analyte	Result	Qualifier	, RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
								,u.,u	DII Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/11/23 17:26	1
Total TPH  Method: SW846 8015B NM - Die			49.9		mg/Kg				1
	sel Range Orga		49.9	MDL			Prepared		1
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics	sel Range Orga	nics (DRO) Qualifier	49.9 (GC)			<u>D</u>		01/11/23 17:26	1 Dil Fac
Method: SW846 8015B NM - Die Analyte	sel Range Orga Result	nics (DRO) Qualifier	49.9 (GC)		Unit	<u>D</u>	Prepared	01/11/23 17:26  Analyzed	Dil Fac
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	sel Range Orga Result <49.9	nics (DRO) Qualifier	(GC) RL 49.9		Unit mg/Kg	<u>D</u>	Prepared 01/11/23 08:24	01/11/23 17:26  Analyzed  01/11/23 10:56  01/11/23 10:56	Dil Fac
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	sel Range Orga Result <49.9	nics (DRO) Qualifier U	(GC) RL 49.9		Unit mg/Kg	<u>D</u>	Prepared 01/11/23 08:24	01/11/23 17:26  Analyzed  01/11/23 10:56	Dil Fac
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	sel Range Orga Result <a href="#">&lt;49.9</a> <a href="#">&lt;49.9</a>	nics (DRO) Qualifier U	49.9  (GC)  RL 49.9  49.9  49.9  Limits		Unit mg/Kg mg/Kg	<u>D</u>	Prepared 01/11/23 08:24 01/11/23 08:24 01/11/23 08:24 Prepared	01/11/23 17:26  Analyzed  01/11/23 10:56  01/11/23 10:56  01/11/23 10:56  Analyzed	1 Dil Fac
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	sel Range Orga Result <49.9 <49.9	nics (DRO) Qualifier U	49.9 (GC)  RL 49.9  49.9  49.9		Unit mg/Kg mg/Kg	<u>D</u>	Prepared 01/11/23 08:24 01/11/23 08:24 01/11/23 08:24	01/11/23 17:26  Analyzed 01/11/23 10:56 01/11/23 10:56 01/11/23 10:56	Dil Fac
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Sel Range Orga   Result   <49.9   <49.9   <49.9   %Recovery	nics (DRO) Qualifier U	49.9  (GC)  RL 49.9  49.9  49.9  Limits		Unit mg/Kg mg/Kg	<u>D</u>	Prepared 01/11/23 08:24 01/11/23 08:24 01/11/23 08:24 Prepared	01/11/23 17:26  Analyzed  01/11/23 10:56  01/11/23 10:56  01/11/23 10:56  Analyzed	Dil Fac
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane	sel Range Orga           Result         <49.9	U  Qualifier  U  Qualifier	49.9  (GC)  RL 49.9  49.9  49.9  Limits  70 - 130  70 - 130		Unit mg/Kg mg/Kg	<u>D</u>	Prepared 01/11/23 08:24 01/11/23 08:24 01/11/23 08:24  Prepared 01/11/23 08:24	01/11/23 17:26  Analyzed 01/11/23 10:56 01/11/23 10:56  Analyzed 01/11/23 10:56	1 Dil Fac 1 1 1 Dil Fac 1 1
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane o-Terphenyl	sel Range Orga           Result           <49.9	U  Qualifier  U  Qualifier	49.9  (GC)  RL 49.9  49.9  49.9  Limits  70 - 130  70 - 130		Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared 01/11/23 08:24 01/11/23 08:24 01/11/23 08:24  Prepared 01/11/23 08:24	01/11/23 17:26  Analyzed 01/11/23 10:56 01/11/23 10:56  Analyzed 01/11/23 10:56	Dil Fac  1  1  Dil Fac  Dil Fac

Client Sample ID: H-2 Lab Sample ID: 890-3772-2

Date Collected: 01/05/23 00:00 Date Received: 01/05/23 13:41

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/12/23 22:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/12/23 22:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/12/23 22:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/09/23 10:59	01/12/23 22:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/12/23 22:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/09/23 10:59	01/12/23 22:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				01/09/23 10:59	01/12/23 22:37	1
1,4-Difluorobenzene (Surr)	89		70 - 130				01/09/23 10:59	01/12/23 22:37	1

**Eurofins Carlsbad** 

**Matrix: Solid** 

Client: Tetra Tech, Inc.

Client Sample ID: H-2

Project/Site: Convoy Central CTB

Job ID: 890-3772-1

SDG: Lea County NM

Lab Sample ID: 890-3772-2

Matrix: Solid

**Matrix: Solid** 

Date Collected: 01/05/23 00:00 Date Received: 01/05/23 13:41

Method: TAL SOP Total BTEX - To	Dial BIEN Call	Julation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/23 08:07	1
Method: SW846 8015 NM - Diese	Range Organ	ics (DRO) (	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	84.9		49.8		mg/Kg			01/11/23 17:26	1
- Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		01/11/23 08:24	01/11/23 12:02	1
(GRO)-C6-C10									
Diesel Range Organics (Over	84.9		49.8		mg/Kg		01/11/23 08:24	01/11/23 12:02	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/11/23 08:24	01/11/23 12:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				01/11/23 08:24	01/11/23 12:02	1
o-Terphenyl	105		70 - 130				01/11/23 08:24	01/11/23 12:02	1
- Method: MCAWW 300.0 - Anions	Ion Chromato	ography - S	oluble						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	153		5.01		mg/Kg			01/11/23 15:06	

Client Sample ID: H-3 Lab Sample ID: 890-3772-3

Date Collected: 01/05/23 00:00

Date Received: 01/05/23 13:41

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	0.0122		0.00200		mg/Kg		01/09/23 10:59	01/12/23 22:58	
Toluene	0.00656		0.00200		mg/Kg		01/09/23 10:59	01/12/23 22:58	•
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/23 10:59	01/12/23 22:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/09/23 10:59	01/12/23 22:58	1
o-Xylene	0.00247		0.00200		mg/Kg		01/09/23 10:59	01/12/23 22:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/09/23 10:59	01/12/23 22:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				01/09/23 10:59	01/12/23 22:58	1
1,4-Difluorobenzene (Surr)  Method: TAL SOP Total BTEX	100 - Total BTEX Cald	culation	70 - 130				01/09/23 10:59	01/12/23 22:58	1
Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald	culation Qualifier	RL	MDL	Unit mg/Kg	<u>D</u>	01/09/23 10:59 Prepared	Analyzed	
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Cald Result 0.0212	Qualifier	RL 0.00399	MDL	Unit mg/Kg	<u>D</u>			
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die	- Total BTEX Calc Result 0.0212 sel Range Organ	Qualifier ics (DRO) (	RL 0.00399		mg/Kg	=	Prepared	Analyzed 01/13/23 08:07	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result 0.0212 sel Range Organ Result	Qualifier ics (DRO) ( Qualifier	RL 0.00399		mg/Kg	<u>D</u>		Analyzed 01/13/23 08:07 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die	- Total BTEX Calc Result 0.0212 sel Range Organ	Qualifier ics (DRO) ( Qualifier	RL 0.00399		mg/Kg	=	Prepared	Analyzed 01/13/23 08:07	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Calc Result 0.0212 sel Range Organ Result <a href="mailto:color: blue;">CAUDITION OF TOTAL PROPERTY OF TOTA</a>	Qualifier ics (DRO) ( Qualifier U	RL 0.00399  GC)  RL 49.9		mg/Kg	=	Prepared	Analyzed 01/13/23 08:07 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die Analyte Total TPH  Method: SW846 8015B NM - Die	- Total BTEX Calc Result 0.0212 sel Range Organ Result <49.9	Qualifier ics (DRO) ( Qualifier U	RL 0.00399  GC)  RL 49.9	MDL	mg/Kg	=	Prepared	Analyzed 01/13/23 08:07 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result 0.0212 sel Range Organ Result <49.9	Qualifier  ics (DRO) ( Qualifier  U  nics (DRO) Qualifier	RL 0.00399  GC)  RL 49.9	MDL	mg/Kg  Unit mg/Kg		Prepared Prepared	Analyzed 01/13/23 08:07  Analyzed 01/11/23 17:26	Dil Fac

Client: Tetra Tech, Inc. Project/Site: Convoy Central CTB

Job ID: 890-3772-1

SDG: Lea County NM

Client Sample ID: H-3

Date Collected: 01/05/23 00:00 Date Received: 01/05/23 13:41

Lab Sample ID: 890-3772-3

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)	)

Analyte	Result	Qualifier	KL	MDL	Unit	U	Prepared	Anaiyzed	DII Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 08:24	01/11/23 12:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				01/11/23 08:24	01/11/23 12:24	1
o-Terphenyl	123		70 - 130				01/11/23 08:24	01/11/23 12:24	1

Method: MCAWW 300.0 - Anions, I	on Chromato	graphy - So	oluble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.8		5.00		mg/Kg			01/11/23 15:12	1

Client Sample ID: H-4

Date Collected: 01/05/23 00:00

Lab Sample ID: 890-3772-4

**Matrix: Solid** 

Date Received: 01/05/23 13:41

Method: SW846 8021B - Volati	ile Organic Comp	ounds (GC							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/09/23 10:59	01/12/23 23:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/09/23 10:59	01/12/23 23:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/09/23 10:59	01/12/23 23:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/09/23 10:59	01/12/23 23:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/09/23 10:59	01/12/23 23:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/09/23 10:59	01/12/23 23:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				01/09/23 10:59	01/12/23 23:18	1
1,4-Difluorobenzene (Surr)	91		70 - 130				01/09/23 10:59	01/12/23 23:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed			

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/13/23 08:07	1
Method: SW846 8015 NM - Diesel F	Range Organ	ics (DRO) ((	3C)						

	Metriod. 3W046 6013 NM - Dieser Range Organics (DRO) (GC)									
	Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
l	Total TPH	<49.8	U	49.8	mg/Kg			01/11/23 17:26	1	

Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg	<u> </u>	01/11/23 08:24	01/11/23 12:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/11/23 08:24	01/11/23 12:47	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/11/23 08:24	01/11/23 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				01/11/23 08:24	01/11/23 12:47	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.9		5.02		mg/Kg			01/11/23 15:18	1

70 - 130

117

**Eurofins Carlsbad** 

01/11/23 12:47

01/11/23 08:24

o-Terphenyl

Client: Tetra Tech, Inc.

Job ID: 890-3772-1 Project/Site: Convoy Central CTB SDG: Lea County NM

Client Sample ID: H-5 Lab Sample ID: 890-3772-5

Date Collected: 01/05/23 00:00 Matrix: Solid Date Received: 01/05/23 13:41

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/09/23 10:59	01/12/23 23:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/23 10:59	01/12/23 23:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/23 10:59	01/12/23 23:39	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/09/23 10:59	01/12/23 23:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/23 10:59	01/12/23 23:39	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/09/23 10:59	01/12/23 23:39	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	97		70 - 130				01/09/23 10:59	01/12/23 23:39	
1,4-Difluorobenzene (Surr)	79		70 - 130				01/09/23 10:59	01/12/23 23:39	1
Method: TAL SOP Total BTEX - T	otal BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/13/23 08:07	1
Method: SW846 8015 NM - Diese	I Range Organ	ics (DRO) (	GC)						
		ics (DRO) (	GC)	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte		Qualifier		MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 01/11/23 17:26	Dil Fac
Analyte Total TPH	<b>Result</b> <49.9	Qualifier U	<b>RL</b> 49.9	MDL		<u>D</u>	Prepared		Dil Fac
Analyte Total TPH  . Method: SW846 8015B NM - Dies	Result <49.9	Qualifier U	<b>RL</b> 49.9			D	Prepared Prepared		
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte	Result <49.9	Qualifier U nics (DRO) Qualifier	RL 49.9 (GC)		mg/Kg		· · ·	01/11/23 17:26	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	Result <49.9 sel Range Orga Result	Qualifier U nics (DRO) Qualifier	(GC)		mg/Kg		Prepared	01/11/23 17:26  Analyzed	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10	Result <49.9 sel Range Orga Result	Qualifier U  nics (DRO) Qualifier U	(GC)		mg/Kg		Prepared	01/11/23 17:26  Analyzed	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result   <49.9	Qualifier U  nics (DRO) Qualifier U	RL 49.9  (GC)  RL 49.9  49.9		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/11/23 08:24 01/11/23 08:24	01/11/23 17:26  Analyzed 01/11/23 13:09 01/11/23 13:09	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.9 sel Range Orga Result <49.9	Qualifier U  nics (DRO) Qualifier U	(GC) RL 49.9		mg/Kg  Unit mg/Kg		Prepared 01/11/23 08:24	01/11/23 17:26  Analyzed 01/11/23 13:09	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate	Result   <49.9	Qualifier U  nics (DRO) Qualifier U  U	RL 49.9  (GC)  RL 49.9  49.9  49.9  Limits		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/11/23 08:24 01/11/23 08:24 01/11/23 08:24 Prepared	01/11/23 17:26  Analyzed 01/11/23 13:09 01/11/23 13:09 01/11/23 13:09  Analyzed	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result   <49.9	Qualifier U  nics (DRO) Qualifier U  U	RL 49.9  (GC)  RL 49.9  49.9  49.9		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/11/23 08:24 01/11/23 08:24 01/11/23 08:24	01/11/23 17:26  Analyzed 01/11/23 13:09 01/11/23 13:09 01/11/23 13:09	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane	Result   <49.9	Qualifier U  nics (DRO) Qualifier U  U	RL 49.9  (GC)  RL 49.9  49.9  49.9  Limits		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/11/23 08:24 01/11/23 08:24 01/11/23 08:24 Prepared	01/11/23 17:26  Analyzed 01/11/23 13:09 01/11/23 13:09 01/11/23 13:09  Analyzed	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane o-Terphenyl	Result   <49.9	Qualifier U  nics (DRO) Qualifier U  U  Qualifier	RL 49.9  (GC)  RL 49.9  49.9  49.9  Limits  70 - 130  70 - 130		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/11/23 08:24 01/11/23 08:24 01/11/23 08:24  Prepared 01/11/23 08:24	01/11/23 17:26  Analyzed 01/11/23 13:09  01/11/23 13:09  01/11/23 13:09  Analyzed  01/11/23 13:09	Dil Fac
Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane	Result   <49.9	Qualifier U  nics (DRO) Qualifier U  U  Qualifier	RL 49.9  (GC)  RL 49.9  49.9  49.9  Limits  70 - 130  70 - 130	MDL	mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/11/23 08:24 01/11/23 08:24 01/11/23 08:24  Prepared 01/11/23 08:24	01/11/23 17:26  Analyzed 01/11/23 13:09  01/11/23 13:09  01/11/23 13:09  Analyzed  01/11/23 13:09	Dil Fac

**Client Sample ID: H-6** Lab Sample ID: 890-3772-6

Date Collected: 01/05/23 00:00 **Matrix: Solid** Date Received: 01/05/23 13:41

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00669		0.00199		mg/Kg		01/09/23 10:59	01/12/23 23:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/12/23 23:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/12/23 23:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/09/23 10:59	01/12/23 23:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/12/23 23:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/09/23 10:59	01/12/23 23:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				01/09/23 10:59	01/12/23 23:59	1
1,4-Difluorobenzene (Surr)	93		70 - 130				01/09/23 10:59	01/12/23 23:59	1

Job ID: 890-3772-1

# **Client Sample Results**

Client: Tetra Tech, Inc. Project/Site: Convoy Central CTB SDG: Lea County NM

**Client Sample ID: H-6** 

Lab Sample ID: 890-3772-6 Date Collected: 01/05/23 00:00 Matrix: Solid

Date Received: 01/05/23 13:41

Method: IAL SOP Total BTEX - 10	tal BIEX Cal	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00669		0.00398		mg/Kg			01/13/23 08:07	1
- Method: SW846 8015 NM - Diesel I	Range Organ	ics (DRO) (C	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/11/23 17:26	1
_ Method: SW846 8015B NM - Diese	I Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		01/11/23 08:24	01/11/23 13:32	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		01/11/23 08:24	01/11/23 13:32	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 08:24	01/11/23 13:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	01/11/23 08:24	01/11/23 13:32	1
o-Terphenyl	118		70 - 130	01/11/23 08:24	01/11/23 13:32	1
_						

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit Prepared Analyzed 5.00 01/11/23 15:30 Chloride 85.6 mg/Kg

Client Sample ID: AH-1 (0-1') Lab Sample ID: 890-3772-7 Date Collected: 01/05/23 00:00 **Matrix: Solid** 

Date Received: 01/05/23 13:41

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0135		0.00199		mg/Kg		01/09/23 10:59	01/13/23 00:19	1
Toluene	0.374		0.00199		mg/Kg		01/09/23 10:59	01/13/23 00:19	1
Ethylbenzene	0.195		0.00199		mg/Kg		01/09/23 10:59	01/13/23 00:19	1
m-Xylene & p-Xylene	0.599		0.00398		mg/Kg		01/09/23 10:59	01/13/23 00:19	1
o-Xylene	0.253		0.00199		mg/Kg		01/09/23 10:59	01/13/23 00:19	1
Xylenes, Total	0.852		0.00398		mg/Kg		01/09/23 10:59	01/13/23 00:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130				01/09/23 10:59	01/13/23 00:19	
1,4-Difluorobenzene (Surr)  Method: TAL SOP Total BTEX -			70 - 130				01/09/23 10:59	01/13/23 00:19	
Method: TAL SOP Total BTEX - Analyte	Total BTEX Cald	culation Qualifier	70 - 130  RL 0.00398	MDL	Unit mg/Kg	<u>D</u>	01/09/23 10:59 Prepared	01/13/23 00:19  Analyzed  01/13/23 08:07	
Method: TAL SOP Total BTEX - Analyte Total BTEX	Total BTEX Calc Result 1.43	Qualifier	RL 0.00398	MDL		<u>D</u>		Analyzed	
	Total BTEX Calc Result 1.43 sel Range Organ	Qualifier	RL 0.00398			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX  Method: SW846 8015 NM - Dies Analyte	Total BTEX Calc Result 1.43 sel Range Organ	Qualifier ics (DRO) ( Qualifier	RL 0.00398		mg/Kg		Prepared	Analyzed 01/13/23 08:07	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX  Method: SW846 8015 NM - Dies	Total BTEX Calc  Result  1.43  sel Range Organ  Result  <50.0	Qualifier ics (DRO) ( Qualifier U	RL 0.00398		mg/Kg		Prepared	Analyzed 01/13/23 08:07 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX  Method: SW846 8015 NM - Dies Analyte Total TPH  Method: SW846 8015B NM - Die	Total BTEX Calc Result 1.43 sel Range Organ Result <50.0 essel Range Orga	Qualifier ics (DRO) ( Qualifier U	RL 0.00398	MDL	mg/Kg		Prepared	Analyzed 01/13/23 08:07 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX  Method: SW846 8015 NM - Dies Analyte Total TPH	Total BTEX Calc Result 1.43 sel Range Organ Result <50.0 essel Range Orga	Qualifier  ics (DRO) ( Qualifier  U  nics (DRO) Qualifier	RL 0.00398  GC)  RL 50.0	MDL	mg/Kg  Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 01/13/23 08:07  Analyzed 01/12/23 14:52	Dil Fac

Client: Tetra Tech, Inc. Job ID: 890-3772-1 Project/Site: Convoy Central CTB SDG: Lea County NM

Client Sample ID: AH-1 (0-1')

Lab Sample ID: 890-3772-7 Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/05/23 13:41

Method: SW846 8015B NM - Dies Analyte		Qualifier	RL	MDL Unit	. D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0		50.0	mg/ł		01/11/23 09:44	01/12/23 02:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130			01/11/23 09:44	01/12/23 02:31	1
o-Terphenyl	121		70 - 130			01/11/23 09:44	01/12/23 02:31	1

Method: MCAWW 300.0 - Anions, Id	on Chromato	graphy - So	oluble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.5	F1	5.00		mg/Kg			01/11/23 15:36	1

Client Sample ID: AH-1 (1-1.5')

Lab Sample ID: 890-3772-8 Date Collected: 01/05/23 00:00

**Matrix: Solid** Date Received: 01/05/23 13:41

Sample Depth: 0 - 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0373		0.00200		mg/Kg		01/09/23 10:59	01/13/23 00:40	
Toluene	0.0896		0.0198		mg/Kg		01/13/23 10:20	01/13/23 14:01	10
Ethylbenzene	0.229		0.00200		mg/Kg		01/09/23 10:59	01/13/23 00:40	1
m-Xylene & p-Xylene	0.662		0.00399		mg/Kg		01/09/23 10:59	01/13/23 00:40	1
o-Xylene	0.271		0.00200		mg/Kg		01/09/23 10:59	01/13/23 00:40	1
Xylenes, Total	0.933		0.00399		mg/Kg		01/09/23 10:59	01/13/23 00:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				01/09/23 10:59	01/13/23 00:40	1
1,4-Difluorobenzene (Surr)	109		70 - 130				01/09/23 10:59	01/13/23 00:40	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	ulation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.29		0.00399		mg/Kg			01/13/23 08:07	1
Method: SW846 8015 NM - Diese	el Range Organ	ice (DRO) ((	CC)						
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	•		•	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 01/12/23 14:52	Dil Fac
Analyte Total TPH	Result 103	Qualifier	RL 49.9	MDL		<u>D</u>	Prepared		Dil Fac
Analyte Total TPH	Result 103 sel Range Orga Result	Qualifier  nics (DRO)  Qualifier	RL 49.9			<u>D</u>	Prepared Prepared		1
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	Result 103 sel Range Orga	Qualifier  nics (DRO)  Qualifier	RL 49.9 (GC)		mg/Kg		· · ·	01/12/23 14:52	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte	Result 103 sel Range Orga Result	Qualifier  nics (DRO)  Qualifier	(GC)		mg/Kg		Prepared	01/12/23 14:52  Analyzed	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 103 sel Range Orga Result <a href="#">&lt;49.9</a>	Qualifier  nics (DRO)  Qualifier  U	(GC) RL 49.9		mg/Kg  Unit mg/Kg		Prepared 01/11/23 09:44	01/12/23 14:52  Analyzed  01/12/23 02:53	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 103 sel Range Orga Result <a href="#">&lt;49.9</a> 103	Qualifier  nics (DRO) Qualifier U	RL 49.9  (GC)  RL 49.9  49.9		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/11/23 09:44 01/11/23 09:44	01/12/23 14:52  Analyzed  01/12/23 02:53  01/12/23 02:53	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result   103	Qualifier  nics (DRO) Qualifier U	RL 49.9  (GC)  RL 49.9  49.9  49.9		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/11/23 09:44 01/11/23 09:44 01/11/23 09:44	01/12/23 14:52  Analyzed 01/12/23 02:53 01/12/23 02:53	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate	Result   103	Qualifier  nics (DRO) Qualifier U	RL 49.9  (GC)  RL 49.9  49.9  49.9  Limits		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/11/23 09:44 01/11/23 09:44 01/11/23 09:44 Prepared	01/12/23 14:52  Analyzed 01/12/23 02:53 01/12/23 02:53 01/12/23 02:53  Analyzed	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane	Result   103	Qualifier  nics (DRO) Qualifier  U	RL 49.9  (GC)  RL 49.9  49.9  49.9  Limits  70 - 130  70 - 130		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/11/23 09:44 01/11/23 09:44 01/11/23 09:44  Prepared 01/11/23 09:44	01/12/23 14:52  Analyzed 01/12/23 02:53  01/12/23 02:53  01/12/23 02:53  Analyzed 01/12/23 02:53	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane o-Terphenyl	Result   103	Qualifier  nics (DRO) Qualifier  U	RL 49.9  (GC)  RL 49.9  49.9  49.9  Limits  70 - 130  70 - 130	MDL	mg/Kg  Unit mg/Kg  mg/Kg		Prepared 01/11/23 09:44 01/11/23 09:44 01/11/23 09:44  Prepared 01/11/23 09:44	01/12/23 14:52  Analyzed 01/12/23 02:53  01/12/23 02:53  01/12/23 02:53  Analyzed 01/12/23 02:53	Dil Fac

Matrix: Solid

Lab Sample ID: 890-3772-9

# **Client Sample Results**

Client: Tetra Tech, Inc.

Job ID: 890-3772-1

Project/Site: Convoy Central CTB

SDG: Lea County NM

Client Sample ID: AH-1 (2-2.5')

Date Collected: 01/05/23 00:00 Date Received: 01/05/23 13:41

Sample Depth: 1 - 1.5

nalyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0252		0.00201		mg/Kg		01/09/23 10:59	01/13/23 01:00	1
oluene	0.0894		0.0199		mg/Kg		01/13/23 10:20	01/13/23 14:22	10
Ethylbenzene	0.151		0.00201		mg/Kg		01/09/23 10:59	01/13/23 01:00	1
n-Xylene & p-Xylene	0.428		0.00402		mg/Kg		01/09/23 10:59	01/13/23 01:00	1
-Xylene	0.163		0.00201		mg/Kg		01/09/23 10:59	01/13/23 01:00	1
Kylenes, Total	0.591		0.00402		mg/Kg		01/09/23 10:59	01/13/23 01:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
-Bromofluorobenzene (Surr)	103		70 - 130				01/09/23 10:59	01/13/23 01:00	1
,4-Difluorobenzene (Surr)	92		70 - 130				01/09/23 10:59	01/13/23 01:00	1

Analyte	itosuit a	addition its	INDE O		ricparca	Analyzou	Dii i ac
Total BTEX	0.857	0.00402	m	ng/Kg		01/13/23 08:07	1
Method: SW846 8015 NM - Diesel	Range Organic	s (DRO) (GC)					

momouni dire io de la imi di de la imi		(=::0) (==)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	82.3		50.0		mg/Kg			01/12/23 14:52	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 09:44	01/12/23 03:14	1
Diesel Range Organics (Over C10-C28)	82.3		50.0		mg/Kg		01/11/23 09:44	01/12/23 03:14	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 09:44	01/12/23 03:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	01/11/23 09:44	01/12/23 03:14	1
o-Terphenyl	109		70 - 130	01/11/23 09:44	01/12/23 03:14	1
_						

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble								
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	106	5.00	mg/Kg			01/11/23 16:09	1

Client Sample ID: AH-2 (0-1')

Date Collected: 01/05/23 00:00

Lab Sample ID: 890-3772-10

Matrix: Solid

Date Received: 01/05/23 13:41

Sample Depth: 2 - 2.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/09/23 10:59	01/13/23 01:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/09/23 10:59	01/13/23 01:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/09/23 10:59	01/13/23 01:21	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/09/23 10:59	01/13/23 01:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/09/23 10:59	01/13/23 01:21	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/09/23 10:59	01/13/23 01:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				01/09/23 10:59	01/13/23 01:21	1

**Eurofins Carlsbad** 

2

3

4

6

Q

10

12

13

ofins Carisbad

Client: Tetra Tech, Inc. Job ID: 890-3772-1 Project/Site: Convoy Central CTB SDG: Lea County NM

Client Sample ID: AH-2 (0-1')

Date Collected: 01/05/23 00:00 Date Received: 01/05/23 13:41

Sample Depth: 2 - 2.5

a	b	Sa	mp	ole	ID:	89	0-3	377	72-1	10
---	---	----	----	-----	-----	----	-----	-----	------	----

Lab Sample ID: 890-3772-11

**Matrix: Solid** 

**Matrix: Solid** 

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	81	70 - 130	01/09/23 10:59	01/13/23 01:21	1

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404 U	0.00404	mg/Kg			01/13/23 08:07	1

н			
н	Method: SW846 8015 NM - D	iccal Banga Or	manica (DDO) (CC)
н	INIELITOU. 377040 OU 13 INIVI - D	iesei Kange Or	ganics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/12/23 14:52	1

Method: SW846 8015B	NM - Diesel Rand	ge Organics	(DRO)	(GC)
Michiga. Offord out ob	INN - Dieser Rang	ge Organics	(DIXO)	(00)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 09:44	01/12/23 03:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 09:44	01/12/23 03:36	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 09:44	01/12/23 03:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112	70 - 130	01/11/23 09:44	01/12/23 03:36	1
o-Terphenyl	118	70 - 130	01/11/23 09:44	01/12/23 03:36	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Pi	repared	Analyzed	Dil Fac
Chloride	53.8		4.98		mg/Kg				01/11/23 16:27	1

Client Sample ID: AH-2 (1-1.5')

Date Collected: 01/05/23 00:00 Date Received: 01/05/23 13:41

Sample Depth: 0 - 3.5

Mothodi CIMOAC 0004D	Valatila Organia Compounda (CC)

Welliou. Syvo40 602 IB - Voial	ne Organic Comp	iouilus (GC	)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/13/23 02:44	1
Toluene	0.00300		0.00199		mg/Kg		01/09/23 10:59	01/13/23 02:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/13/23 02:44	1
m-Xylene & p-Xylene	0.00474		0.00398		mg/Kg		01/09/23 10:59	01/13/23 02:44	1
o-Xylene	0.00386		0.00199		mg/Kg		01/09/23 10:59	01/13/23 02:44	1
Xylenes, Total	0.00860		0.00398		mg/Kg		01/09/23 10:59	01/13/23 02:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130				01/09/23 10:59	01/13/23 02:44	1
1 4-Difluorobenzene (Surr)	92		70 - 130				01/09/23 10:59	01/13/23 02:44	1

4-Bromotiuoropenzene (Surr)	70	70 - 730	01/09/23 10:59	01/13/23 02:44	1
1,4-Difluorobenzene (Surr)	92	70 - 130	01/09/23 10:59	01/13/23 02:44	1

#### Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0116		0.00398		mg/Kg			01/13/23 08:07	1

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/12/23 14:52	1

Client: Tetra Tech, Inc.

Job ID: 890-3772-1

Project/Site: Convoy Central CTB

SDG: Lea County NM

Client Sample ID: AH-2 (1-1.5')

Date Collected: 01/05/23 00:00 Date Received: 01/05/23 13:41

Sample Depth: 0 - 3.5

Lab Sample ID: 890-3772-11

Lab Sample ID: 890-3772-12

**Matrix: Solid** 

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier Analyte RL MDL Unit Analyzed Dil Fac Prepared <49.9 U 49.9 01/11/23 09:44 01/12/23 03:58 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 01/11/23 09:44 01/12/23 03:58 <49.9 U 49.9 mg/Kg C10-C28) mg/Kg Oll Range Organics (Over C28-C36) <49.9 U 49.9 01/11/23 09:44 01/12/23 03:58 %Recovery Qualifier Limits Prepared Analyzed Dil Fac Surrogate 1-Chlorooctane 70 - 130 01/11/23 09:44 01/12/23 03:58 101 o-Terphenyl 107 70 - 130 01/11/23 09:44 01/12/23 03:58

Method: MCAWW 300.0 - Anions, Ion Chromatography - SolubleAnalyteResultQualifierRLMDLUnitDPreparedAnalyzedDil FacChloride1594.95mg/Kg01/11/23 16:331

Client Sample ID: AH-2 (2-2.5')

Date Collected: 01/05/23 00:00

Date Received: 01/05/23 13:41

Sample Depth: 1 - 4.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/13/23 03:04	1
Toluene	< 0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/13/23 03:04	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/13/23 03:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/09/23 10:59	01/13/23 03:04	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		01/09/23 10:59	01/13/23 03:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/09/23 10:59	01/13/23 03:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				01/09/23 10:59	01/13/23 03:04	1
1,4-Difluorobenzene (Surr)	85		70 - 130				01/09/23 10:59	01/13/23 03:04	1
Method: TAL SOP Total BTEX - T	otal BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/23 08:07	1
Method: SW846 8015 NM - Diese	Range Organ	ics (DRO) (	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/12/23 14:52	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 09:44	01/12/23 04:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 09:44	01/12/23 04:19	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 09:44	01/12/23 04:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				01/11/23 09:44	01/12/23 04:19	1

Eurofins Carlsbad

2

4

6

0

11

13

14

Client: Tetra Tech, Inc. Project/Site: Convoy Central CTB

Job ID: 890-3772-1 SDG: Lea County NM

Client Sample ID: AH-2 (2-2.5')

Date Collected: 01/05/23 00:00

Date Received: 01/05/23 13:41 Sample Depth: 1 - 4.5

Lab Sample ID: 890-3772-12

Matrix: Solid

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte Result Qualifier RL MDL Dil Fac Unit D Prepared Analyzed 5.00 01/11/23 16:40 Chloride 142 mg/Kg

Client Sample ID: AH-3 (0-1') Lab Sample ID: 890-3772-13

Date Collected: 01/05/23 00:00 Date Received: 01/05/23 13:41

Sample Depth: 0 - 1

**Matrix: Solid** 

Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 01/13/23 05:07 0.199 01/09/23 10:59 **Benzene** 20.4 mg/Kg 100 01/18/23 08:29 01/18/23 15:20 1000 Toluene 138 1.99 mg/Kg 01/13/23 14:42 Ethylbenzene 39.0 0.499 mg/Kg 01/13/23 10:20 250 m-Xylene & p-Xylene 115 0.998 mg/Kg 01/13/23 10:20 01/13/23 14:42 250 0 199 mg/Kg 01/09/23 10:59 01/13/23 05:07 100 38.2 o-Xylene 0.998 mg/Kg 01/13/23 10:20 01/13/23 14:42 250 **Xylenes, Total** 150 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac S1+ 70 - 130 01/09/23 10:59 4-Bromofluorobenzene (Surr) 212 01/13/23 05:07 100 1,4-Difluorobenzene (Surr) 98 70 - 130 01/09/23 10:59 01/13/23 05:07 100

**Method: TAL SOP Total BTEX - Total BTEX Calculation** Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 213 0.998 01/13/23 08:07 **Total BTEX** mg/Kg

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Result Qualifier MDL Unit Analyte RL D Prepared Analyzed Dil Fac 7180 49.9 01/12/23 14:52 **Total TPH** mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier Analyte RLMDL D Prepared Dil Fac Unit Analyzed **Gasoline Range Organics** 2830 49.9 mg/Kg 01/11/23 09:44 01/12/23 04:40 (GRO)-C6-C10 **Diesel Range Organics (Over** 3850 49.9 mg/Kg 01/11/23 09:44 01/12/23 04:40 C10-C28) **Oll Range Organics (Over** 503 499 mg/Kg 01/11/23 09:44 01/12/23 04:40 C28-C36)

Qualifier Limits Surrogate %Recovery Prepared Analyzed Dil Fac 1-Chlorooctane 119 70 - 130 01/11/23 09:44 01/12/23 04:40 101 70 - 130 01/11/23 09:44 01/12/23 04:40 o-Terphenyl

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 4.99 mg/Kg 01/11/23 16:46 Chloride 56.1

Job ID: 890-3772-1 Client: Tetra Tech, Inc. Project/Site: Convoy Central CTB SDG: Lea County NM

Client Sample ID: AH-3 (1-1.5')

Date Collected: 01/05/23 00:00 Date Received: 01/05/23 13:41

Sample Depth: 1 - 1.5

Lab Sample ID: 890-3772-14 Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier MDL Analyzed Dil Fac RL Unit D Prepared 01/09/23 10:59 01/13/23 05:28 Benzene 2.62 0.199 mg/Kg 100 Toluene 36.3 0.402 mg/Kg 01/13/23 10:20 01/13/23 15:02 200 01/09/23 10:59 01/13/23 05:28 Ethylbenzene 13.9 0.199 mg/Kg 100 0.398 01/09/23 10:59 01/13/23 05:28 m-Xylene & p-Xylene 34.3 mg/Kg 100 0 199 01/09/23 10:59 01/13/23 05:28 100 o-Xylene 12.8 mg/Kg 0.398 01/09/23 10:59 01/13/23 05:28 100 **Xylenes, Total** 47.1 mg/Kg Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 01/13/23 05:28 133 S1+ 70 - 130 01/09/23 10:59 100 70 - 130 01/09/23 10:59 1,4-Difluorobenzene (Surr) 108 01/13/23 05:28 100 Method: TAL SOP Total BTEX - Total BTEX Calculation Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac

**Total BTEX** 0.398 mg/Kg 01/13/23 08:07 99.9

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 49.9 01/12/23 14:52 **Total TPH** 2350 mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier MDI Analyte RL Unit D Dil Fac Prepared Analyzed **Gasoline Range Organics** 654 49.9 mg/Kg 01/11/23 09:44 01/12/23 05:01 (GRO)-C6-C10 **Diesel Range Organics (Over** 1520 49.9 mg/Kg 01/11/23 09:44 01/12/23 05:01 C10-C28) 01/11/23 09:44 **Oll Range Organics (Over** 177 49 9 mg/Kg 01/12/23 05:01 C28-C36)

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 116 70 - 130 01/11/23 09:44 01/12/23 05:01 107 o-Terphenyl 70 - 130 01/11/23 09:44 01/12/23 05:01

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride 92.1 5.01 mg/Kg 01/11/23 16:52

Client Sample ID: AH-3 (2-2.5')

Date Collected: 01/05/23 00:00 Date Received: 01/05/23 13:41

Sample Depth: 2 - 2.5

Method: SW846 8021B - Volat	ile Organic Comp	ounds (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.92		0.200		mg/Kg		01/09/23 10:59	01/13/23 05:49	100
Toluene	30.8		0.403		mg/Kg		01/13/23 10:20	01/13/23 15:23	200
Ethylbenzene	16.2		0.200		mg/Kg		01/09/23 10:59	01/13/23 05:49	100
m-Xylene & p-Xylene	40.2		0.399		mg/Kg		01/09/23 10:59	01/13/23 05:49	100
o-Xylene	15.3		0.200		mg/Kg		01/09/23 10:59	01/13/23 05:49	100
Xylenes, Total	55.5		0.399		mg/Kg		01/09/23 10:59	01/13/23 05:49	100

**Eurofins Carlsbad** 

Lab Sample ID: 890-3772-15

**Matrix: Solid** 

Matrix: Solid

Lab Sample ID: 890-3772-15

01/11/23 16:58

# **Client Sample Results**

Client: Tetra Tech, Inc.

Job ID: 890-3772-1

Project/Site: Convoy Central CTB

SDG: Lea County NM

Client Sample ID: AH-3 (2-2.5')

Date Collected: 01/05/23 00:00 Date Received: 01/05/23 13:41

Sample Depth: 2 - 2.5

Chloride

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				01/09/23 10:59	01/13/23 05:49	100
1,4-Difluorobenzene (Surr)	100		70 - 130				01/09/23 10:59	01/13/23 05:49	100
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	104		0.399		mg/Kg			01/13/23 08:07	1
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (	GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1070		49.8		mg/Kg			01/13/23 12:46	
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	nics (DRO) Qualifier	RL	MDL		<u>D</u>	Prepared 0.4/4/20.00.47	Analyzed	Dil Fac
Analyte Gasoline Range Organics			• •	MDL	Unit mg/Kg	<u>D</u>	Prepared 01/11/23 09:47	Analyzed 01/13/23 00:26	
Analyte Gasoline Range Organics (GRO)-C6-C10	Result 423	Qualifier	RL 49.8	MDL	mg/Kg	<u>D</u>	01/11/23 09:47	01/13/23 00:26	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result		RL	MDL		<u>D</u>			1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 423	Qualifier *1	RL 49.8	MDL	mg/Kg	<u>D</u>	01/11/23 09:47	01/13/23 00:26	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 423	Qualifier *1	49.8 49.8	MDL	mg/Kg	<u>D</u>	01/11/23 09:47	01/13/23 00:26	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 423 642 <49.8	Qualifier *1	RL 49.8 49.8 49.8	MDL	mg/Kg	<u>D</u>	01/11/23 09:47 01/11/23 09:47 01/11/23 09:47	01/13/23 00:26 01/13/23 00:26 01/13/23 00:26	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane	Result   423   642   <49.8   %Recovery	Qualifier *1	49.8 49.8 49.8 <i>Limits</i>	MDL	mg/Kg	<u> </u>	01/11/23 09:47 01/11/23 09:47 01/11/23 09:47 <i>Prepared</i>	01/13/23 00:26 01/13/23 00:26 01/13/23 00:26 Analyzed	1
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane o-Terphenyl  Method: MCAWW 300.0 - Anions	Result 423 642 <49.8  **Recovery 102 101	*1 U Qualifier	RL 49.8 49.8 49.8 Limits 70 - 130 70 - 130	MDL	mg/Kg	<u>D</u>	01/11/23 09:47 01/11/23 09:47 01/11/23 09:47 Prepared 01/11/23 09:47	01/13/23 00:26 01/13/23 00:26 01/13/23 00:26 Analyzed 01/13/23 00:26	1

4.97

mg/Kg

110

# **Surrogate Summary**

Client: Tetra Tech, Inc.

Job ID: 890-3772-1

Project/Site: Convoy Central CTB

SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
390-3772-1	H-1	74	91	
890-3772-1 MS	H-1	116	89	
890-3772-1 MSD	H-1	123	98	
890-3772-2	H-2	97	89	
890-3772-3	H-3	94	100	
890-3772-4	H-4	97	91	
390-3772-5	H-5	97	79	
890-3772-6	H-6	97	93	
890-3772-7	AH-1 (0-1')	150 S1+	103	
890-3772-8	AH-1 (1-1.5')	117	109	
890-3772-9	AH-1 (2-2.5')	103	92	
890-3772-10	AH-2 (0-1')	111	81	
390-3772-11	AH-2 (1-1.5')	70	92	
390-3772-12	AH-2 (2-2.5')	98	85	
390-3772-13	AH-3 (0-1')	212 S1+	98	
390-3772-14	AH-3 (1-1.5')	133 S1+	108	
890-3772-15	AH-3 (2-2.5')	144 S1+	100	
890-3781-A-1-D MS	Matrix Spike	110	106	
890-3781-A-1-E MSD	Matrix Spike Duplicate	108	104	
890-3860-A-1-E MS	Matrix Spike	127	101	
890-3860-A-1-F MSD	Matrix Spike Duplicate	114	99	
LCS 880-43511/1-A	Lab Control Sample	110	100	
LCS 880-43654/1-A	Lab Control Sample	108	103	
LCS 880-44226/1-A	Lab Control Sample	89	104	
LCSD 880-43511/2-A	Lab Control Sample Dup	93	106	
LCSD 880-43654/2-A	Lab Control Sample Dup	102	104	
LCSD 880-44226/2-A	Lab Control Sample Dup	112	99	
MB 880-43511/5-A	Method Blank	85	87	
MB 880-43542/5-A	Method Blank	76	84	
MB 880-43654/5-A	Method Blank	106	103	
	Method Blank	82	90	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
0-23565-A-1-C MS	Matrix Spike	96	88	
80-23565-A-1-D MSD	Matrix Spike Duplicate	85	77	
0-3772-1	H-1	94	100	
0-3772-1 MS	H-1	104	96	
0-3772-1 MSD	H-1	107	98	
0-3772-2	H-2	105	105	
0-3772-3	H-3	122	123	
0-3772-4	H-4	115	117	

# **Surrogate Summary**

Client: Tetra Tech, Inc. Job ID: 890-3772-1 Project/Site: Convoy Central CTB SDG: Lea County NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

**Matrix: Solid** Prep Type: Total/NA

		1CO1	OTPH1	Percent Surrogate Recovery (Acceptance Limits)
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
390-3772-5	H-5	115	115	
390-3772-6	H-6	121	118	
390-3772-7	AH-1 (0-1')	112	121	
390-3772-8	AH-1 (1-1.5')	116	121	
90-3772-9	AH-1 (2-2.5')	103	109	
90-3772-9	AH-2 (0-1')	112	118	
90-3772-10	AH-2 (1-1.5')	101	107	
90-3772-11		94	99	
90-3772-12	AH-2 (2-2.5')	94 119	99 101	
90-3772-13 90-3772-14	AH-3 (0-1')		101	
	AH-3 (1-1.5')	116		
90-3772-15	AH-3 (2-2.5')	102	101	
90-3781-A-21-D MS	Matrix Spike	87	82	
90-3781-A-21-E MSD	Matrix Spike Duplicate	105	94	
CS 880-43699/2-A	Lab Control Sample	105	100	
CS 880-43712/2-A	Lab Control Sample	103	99	
CS 880-43713/2-A	Lab Control Sample	125	108	
CSD 880-43699/3-A	Lab Control Sample Dup	120	109	
.CSD 880-43712/3-A	Lab Control Sample Dup	121	108	
CSD 880-43713/3-A	Lab Control Sample Dup	101	85	
IB 880-43699/1-A	Method Blank	164 S1+	153 S1+	
1B 880-43712/1-A	Method Blank	130	133 S1+	
IB 880-43713/1-A	Method Blank	140 S1+	123	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: Tetra Tech, Inc. Job ID: 890-3772-1 Project/Site: Convoy Central CTB

SDG: Lea County NM

### Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-43511/5-A

Lab Sample ID: LCS 880-43511/1-A

**Matrix: Solid** 

**Matrix: Solid** 

Analysis Batch: 43785

Analysis Batch: 43785

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43511

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/09/23 10:59	01/12/23 21:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/23 10:59	01/12/23 21:55	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/23 10:59	01/12/23 21:55	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/09/23 10:59	01/12/23 21:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/23 10:59	01/12/23 21:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/09/23 10:59	01/12/23 21:55	1

MB MB

Surrogate	%Recovery Quali	ifier Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85	70 - 130	01/09/23 10:59	01/12/23 21:55	1
1,4-Difluorobenzene (Surr)	87	70 <sub>-</sub> 130	01/09/23 10:59	01/12/23 21:55	1

**Client Sample ID: Lab Control Sample** 

Prep Type: Total/NA

Prep Batch: 43511

Spike LCS LCS Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.1002 mg/Kg 100 70 - 130 Toluene 0.100 0.1035 mg/Kg 103 70 - 130 0.100 0.09783 Ethylbenzene mg/Kg 98 70 - 130 0.200 0.2107 105 70 - 130 m-Xylene & p-Xylene mg/Kg 0.100 0.1169 70 - 130 o-Xylene mg/Kg 117

LCS LCS

Surrogate	%Recovery Qu	alifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

**Client Sample ID: Lab Control Sample Dup** 

**Matrix: Solid** 

**Analysis Batch: 43785** 

Lab Sample ID: LCSD 880-43511/2-A

Prep Type: Total/NA Prep Batch: 43511

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.09524		mg/Kg		95	70 - 130	5	35	
Toluene	0.100	0.09086		mg/Kg		91	70 - 130	13	35	
Ethylbenzene	0.100	0.07835		mg/Kg		78	70 - 130	22	35	
m-Xylene & p-Xylene	0.200	0.1642		mg/Kg		82	70 - 130	25	35	
o-Xylene	0.100	0.09047		mg/Kg		90	70 - 130	25	35	

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1.4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 890-3772-1 MS

**Matrix: Solid** 

Analysis Batch: 43785

Client Sample ID: H-1 Prep Type: Total/NA

Prep Batch: 43511

_	Sample Sam	nple Spike	MS	MS				%Rec	
Analyte	Result Qua	alifier Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.00565	0.0990	0.08747		mg/Kg		83	70 - 130	
Toluene	0.00255	0.0990	0.08936		mg/Kg		88	70 - 130	

**Eurofins Carlsbad** 

1

Client Sample ID: H-1

Prep Type: Total/NA

# QC Sample Results

Client: Tetra Tech, Inc. Job ID: 890-3772-1 Project/Site: Convoy Central CTB SDG: Lea County NM

# Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-3772-1 MS

**Matrix: Solid Analysis Batch: 43785** 

Analysis Batch: 43785										Batch: 43511
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.00202	U	0.0990	0.07712		mg/Kg		76	70 - 130	
m-Xylene & p-Xylene	0.00520		0.198	0.1746		mg/Kg		86	70 - 130	
o-Xylene	0.00475		0.0990	0.1009		mg/Kg		97	70 - 130	

MS MS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 70 - 130 116 1,4-Difluorobenzene (Surr) 70 - 130 89

Lab Sample ID: 890-3772-1 MSD

Client Sample ID: H-1 **Matrix: Solid** Prep Type: Total/NA Prep Batch: 43511 **Analysis Batch: 43785** 

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.00565		0.0998	0.09758		mg/Kg		92	70 - 130	11	35
Toluene	0.00255		0.0998	0.09709		mg/Kg		95	70 - 130	8	35
Ethylbenzene	<0.00202	U	0.0998	0.08848		mg/Kg		87	70 - 130	14	35
m-Xylene & p-Xylene	0.00520		0.200	0.1972		mg/Kg		96	70 - 130	12	35
o-Xylene	0.00475		0.0998	0.1134		mg/Kg		109	70 - 130	12	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-43542/5-A

**Matrix: Solid** 

Analysis Batch: 43785

Client Sample ID: Method Blank Prep Type: Total/NA Prep Batch: 43542 MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/09/23 12:55	01/12/23 11:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/23 12:55	01/12/23 11:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/23 12:55	01/12/23 11:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/09/23 12:55	01/12/23 11:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/23 12:55	01/12/23 11:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/09/23 12:55	01/12/23 11:20	1

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76	70 - 130	01/09/23 12:55	01/12/23 11:20	1
1,4-Difluorobenzene (Surr)	84	70 - 130	01/09/23 12:55	01/12/23 11:20	1

MR MR

Lab Sample ID: MB 880-43654/5-A

**Matrix: Solid** 

Analysis Batch: 43866

Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 43654

	IVID	IVID						
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/k	īg —	01/10/23 13:07	01/13/23 12:31	1
Toluene	<0.00200	U	0.00200	mg/k	(g	01/10/23 13:07	01/13/23 12:31	1
Ethylbenzene	<0.00200	U	0.00200	mg/k	(g	01/10/23 13:07	01/13/23 12:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/K	ζg	01/10/23 13:07	01/13/23 12:31	1

Client: Tetra Tech, Inc. Job ID: 890-3772-1 Project/Site: Convoy Central CTB SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-43654/5-A

**Matrix: Solid** 

Analysis Batch: 43866

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43654

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 12:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/10/23 13:07	01/13/23 12:31	1

MB MB

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106	70 - 130	01/10/23 13:07	01/13/23 12:31	1
1,4-Difluorobenzene (Surr)	103	70 - 130	01/10/23 13:07	01/13/23 12:31	1

Lab Sample ID: LCS 880-43654/1-A **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

**Matrix: Solid** 

**Analysis Batch: 43866** 

Prep Batch: 43654 LCS LCS Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits 0.100 0.1099 mg/Kg 110 70 - 130

Benzene Toluene 0.100 0.1043 mg/Kg 104 70 - 130 0.100 0.1020 102 70 - 130 Ethylbenzene mg/Kg m-Xylene & p-Xylene 0.200 0.2079 mg/Kg 104 70 - 130 o-Xylene 0.100 0.09906 mg/Kg 70 - 130

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	108	70 - 130
1,4-Difluorobenzene (Surr)	103	70 - 130

Lab Sample ID: LCSD 880-43654/2-A

**Matrix: Solid** 

Analysis Batch: 43866

**Client Sample ID: Lab Control Sample Dup** 

Prep Type: Total/NA

Prep Batch: 43654

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1013		mg/Kg		101	70 - 130	8	35	
Toluene	0.100	0.09648		mg/Kg		96	70 - 130	8	35	
Ethylbenzene	0.100	0.09355		mg/Kg		94	70 - 130	9	35	
m-Xylene & p-Xylene	0.200	0.1919		mg/Kg		96	70 - 130	8	35	
o-Xylene	0.100	0.09158		mg/Kg		92	70 - 130	8	35	

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	102	70 - 130
1 4-Difluorobenzene (Surr)	104	70 - 130

Lab Sample ID: 890-3781-A-1-D MS

**Matrix: Solid** 

**Analysis Batch: 43866** 

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 43654

1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.0998	0.1069		mg/Kg		107	70 - 130	
Toluene	<0.00200	U	0.0998	0.1005		mg/Kg		100	70 - 130	
Ethylbenzene	<0.00200	U	0.0998	0.09709		mg/Kg		97	70 - 130	
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1998		mg/Kg		100	70 - 130	
o-Xylene	<0.00200	U	0.0998	0.09520		mg/Kg		95	70 - 130	

Client: Tetra Tech, Inc. Job ID: 890-3772-1 Project/Site: Convoy Central CTB SDG: Lea County NM

# Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-3781-A-1-D MS

**Matrix: Solid** 

Analysis Batch: 43866

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 43654

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 110 70 - 130 1,4-Difluorobenzene (Surr) 106 70 - 130

Lab Sample ID: 890-3781-A-1-E MSD

**Matrix: Solid** 

Analysis Batch: 43866

**Client Sample ID: Matrix Spike Duplicate** 

Prep Type: Total/NA

Prep Batch: 43654

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.0990	0.1072		mg/Kg		108	70 - 130	0	35
Toluene	<0.00200	U	0.0990	0.1018		mg/Kg		102	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.0990	0.09867		mg/Kg		100	70 - 130	2	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.2033		mg/Kg		103	70 - 130	2	35
o-Xylene	<0.00200	U	0.0990	0.09649		mg/Kg		97	70 - 130	1	35

MSD MSD

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	108	70 - 130
1,4-Difluorobenzene (Surr)	104	70 - 130

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 44226

Lab Sample ID: MB 880-44226/5-A

**Analysis Batch: 44223** 

**Matrix: Solid** 

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/18/23 08:29	01/18/23 11:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/18/23 08:29	01/18/23 11:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/18/23 08:29	01/18/23 11:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/18/23 08:29	01/18/23 11:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/18/23 08:29	01/18/23 11:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/18/23 08:29	01/18/23 11:41	1

мв мв

MR MR

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82	70 - 130	01/18/23 08:29	01/18/23 11:41	1
1,4-Difluorobenzene (Surr)	90	70 - 130	01/18/23 08:29	01/18/23 11:41	1

Lab Sample ID: LCS 880-44226/1-A

**Matrix: Solid** 

**Analysis Batch: 44223** 

**Client Sample ID: Lab Control Sample** 

Prep Type: Total/NA

Prep Batch: 44226

	Spike	LUS	LUS				70Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09903		mg/Kg		99	70 - 130	
Toluene	0.100	0.09706		mg/Kg		97	70 - 130	
Ethylbenzene	0.100	0.08273		mg/Kg		83	70 - 130	
m-Xylene & p-Xylene	0.200	0.1705		mg/Kg		85	70 - 130	
o-Xylene	0.100	0.09254		mg/Kg		93	70 - 130	

LCS LCS

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 89 70 - 130

Job ID: 890-3772-1 Client: Tetra Tech, Inc. Project/Site: Convoy Central CTB SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-44226/1-A

**Matrix: Solid** 

**Analysis Batch: 44223** 

**Client Sample ID: Lab Control Sample** 

Prep Type: Total/NA

Prep Batch: 44226

LCS LCS

Surrogate %Recovery Qualifier Limits 1,4-Difluorobenzene (Surr) 104 70 - 130

Lab Sample ID: LCSD 880-44226/2-A

**Matrix: Solid** 

Analysis Batch: 44223

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44226

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1030		mg/Kg		103	70 - 130	4	35
Toluene	0.100	0.1089		mg/Kg		109	70 - 130	12	35
Ethylbenzene	0.100	0.1053		mg/Kg		105	70 - 130	24	35
m-Xylene & p-Xylene	0.200	0.2353		mg/Kg		118	70 - 130	32	35
o-Xylene	0.100	0.1291		mg/Kg		129	70 - 130	33	35

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	112	70 - 130
1.4-Difluorobenzene (Surr)	99	70 - 130

Lab Sample ID: 890-3860-A-1-E MS Client Sample ID: Matrix Spike

**Matrix: Solid** 

**Analysis Batch: 44223** 

Prep Type: Total/NA

Prep Batch: 44226

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00201	U	0.0990	0.09265		mg/Kg		94	70 - 130	
Toluene	<0.00201	U	0.0990	0.09939		mg/Kg		100	70 - 130	
Ethylbenzene	<0.00201	U	0.0990	0.09605		mg/Kg		97	70 - 130	
m-Xylene & p-Xylene	<0.00402	U	0.198	0.2160		mg/Kg		109	70 - 130	
o-Xylene	<0.00201	U	0.0990	0.1191		mg/Kg		120	70 - 130	
						9/9				

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	127	70 _ 130
1,4-Difluorobenzene (Surr)	101	70 - 130

Lab Sample ID: 890-3860-A-1-F MSD

**Matrix: Solid** 

**Analysis Batch: 44223** 

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 44226

	Sample	Sample	Spike	INIOD	MISD				70 Rec		KPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00201	U	0.101	0.08187		mg/Kg		81	70 - 130	12	35
Toluene	<0.00201	U	0.101	0.08779		mg/Kg		87	70 - 130	12	35
Ethylbenzene	<0.00201	U	0.101	0.08013		mg/Kg		79	70 - 130	18	35
m-Xylene & p-Xylene	<0.00402	U	0.202	0.1785		mg/Kg		89	70 - 130	19	35
o-Xylene	< 0.00201	U	0.101	0.09776		mg/Kg		97	70 - 130	20	35

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Client: Tetra Tech, Inc. Job ID: 890-3772-1 Project/Site: Convoy Central CTB SDG: Lea County NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-43699/1-A

Lab Sample ID: LCS 880-43699/2-A

Lab Sample ID: LCSD 880-43699/3-A

**Matrix: Solid** 

Analysis Batch: 43692

**Matrix: Solid** Analysis Batch: 43692 Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43699

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		01/11/23 08:04	01/11/23 08:18	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		01/11/23 08:04	01/11/23 08:18	1
C10-C28)									
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 08:04	01/11/23 08:18	1
	***	***							
	MB	MB							
Curromoto	9/ Bassyany	Ouglifier	Limita				Duamanad	Analymad	D:/ C

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	164	S1+	70 - 130	01/11/23 08:04	01/11/23 08:18	1
o-Terphenyl	153	S1+	70 - 130	01/11/23 08:04	01/11/23 08:18	1

**Client Sample ID: Lab Control Sample** 

Prep Type: Total/NA

Prep Batch: 43699

LCS LCS Spike Added Result Qualifier Analyte Unit D %Rec Limits 1000 923.6 Gasoline Range Organics mg/Kg 92 70 - 130 (GRO)-C6-C10 1000 908.1 Diesel Range Organics (Over mg/Kg 91 70 - 130 C10-C28)

LCS LCS

MD MD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	105		70 - 130
o-Terphenyl	100		70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analysis Batch: 43692

Prep Batch: 43699

	Spike	LCSD	LCSD			%Rec		RPD
Analyte	Added	Result	Qualifier	Unit I	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	988.6		mg/Kg	99	70 - 130	7	20
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	999.2		mg/Kg	100	70 - 130	10	20
C10 C28)								

C10-C28)

**Matrix: Solid** 

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	120	70 - 130
o-Terphenyl	109	70 - 130

Lab Sample ID: 890-3772-1 MS Client Sample ID: H-1 **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 43692 Prep Batch: 43699

	Sample	Sample	<b>Spike</b>	IVIS	IVIS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics	<49.9	U	998	1094		mg/Kg		110	70 - 130	_	
(GRO)-C6-C10											
Diesel Range Organics (Over	<49.9	U	998	1047		mg/Kg		105	70 - 130		
C10-C28)											

**Eurofins Carlsbad** 

1/19/2023

Job ID: 890-3772-1

Client: Tetra Tech, Inc. Project/Site: Convoy Central CTB SDG: Lea County NM

### Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

MS MS

Lab Sample ID: 890-3772-1 MS **Matrix: Solid** 

Analysis Batch: 43692

Client Sample ID: H-1 Prep Type: Total/NA

Prep Batch: 43699

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 104 70 - 130 o-Terphenyl 96 70 - 130

Lab Sample ID: 890-3772-1 MSD Client Sample ID: H-1

**Matrix: Solid** 

Analysis Batch: 43692

Prep Type: Total/NA Prep Batch: 43699

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<49.9	U	997	1002		mg/Kg		101	70 - 130	9	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<49.9	U	997	1085		mg/Kg		109	70 - 130	4	20

C10-C28)

MSD MSD Surrogate %Recovery Qualifier Limits 107 70 - 130 1-Chlorooctane 98 70 - 130 o-Terphenyl

Lab Sample ID: MB 880-43712/1-A Client Sample ID: Method Blank

**Matrix: Solid** 

Analysis Batch: 43694

Prep Type: Total/NA

Prep Batch: 43712

MB MB MDL Unit Analyte Result Qualifier RL D Prepared Analyzed Dil Fac Gasoline Range Organics <50.0 U 50.0 mg/Kg 01/11/23 09:44 01/11/23 19:58 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 01/11/23 09:44 01/11/23 19:58 C10-C28) 50.0 OII Range Organics (Over C28-C36) <50.0 U 01/11/23 09:44 01/11/23 19:58 mg/Kg

MB MB Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 70 - 130 01/11/23 19:58 1-Chlorooctane 130 01/11/23 09:44 133 S1+ 70 - 130 01/11/23 09:44 01/11/23 19:58 o-Terphenyl

Lab Sample ID: LCS 880-43712/2-A Client Sample ID: Lab Control Sample **Matrix: Solid** 

Analysis Batch: 43694

Prep Type: Total/NA Prep Batch: 43712

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits D 1000 Gasoline Range Organics 980.1 98 70 - 130 mg/Kg (GRO)-C6-C10 1000 897.0 90 70 - 130 Diesel Range Organics (Over mg/Kg C10-C28)

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	99		70 - 130

Lab Sample ID: LCSD 880-43712/3-A

**Matrix: Solid** 

16

### QC Sample Results

Job ID: 890-3772-1 Client: Tetra Tech, Inc. Project/Site: Convoy Central CTB SDG: Lea County NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 43712

Analysis Batch: 43694 Spike LCSD LCSD RPD Added RPD Limit Analyte Result Qualifier Unit %Rec Limits D Gasoline Range Organics 1000 849.2 mg/Kg 85 70 - 130 14 20 (GRO)-C6-C10

1000 Diesel Range Organics (Over 1053 105 70 - 130 mg/Kg C10-C28) LCSD LCSD

%Recovery Qualifier Limits Surrogate 70 - 130 1-Chlorooctane 121 o-Terphenyl 108 70 - 130

Lab Sample ID: 880-23565-A-1-C MS Client Sample ID: Matrix Spike

**Matrix: Solid** Prep Type: Total/NA Analysis Batch: 43694 Prep Batch: 43712

Spike MS MS %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits 998 92 Gasoline Range Organics <49.9 U 941.4 mg/Kg 70 - 130 (GRO)-C6-C10

Diesel Range Organics (Over <49.9 U 998 1158 mg/Kg 114 70 - 130 C10-C28)

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 96 70 - 130 o-Terphenyl 88 70 - 130

Lab Sample ID: 880-23565-A-1-D MSD Client Sample ID: Matrix Spike Duplicate

**Matrix: Solid** Prep Type: Total/NA Analysis Batch: 43694 Prep Batch: 43712

Sample Sample Spike MSD MSD %Rec RPD Limit Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD <49.9 U 997 1098 20 Gasoline Range Organics 107 70 - 130 15 mg/Kg (GRO)-C6-C10 997 1006 mg/Kg 99 Diesel Range Organics (Over <49.9 LI 70 - 130 14 20 C10-C28)

MSD MSD Qualifier Limits Surrogate %Recovery 1-Chlorooctane 85 70 - 130 77 70 - 130 o-Terphenyl

Lab Sample ID: MB 880-43713/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA

**Analysis Batch: 43779** Prep Batch: 43713 MB MB

Analyte Res	ult Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics <5	0.0 U	50.0		mg/Kg		01/11/23 09:47	01/12/23 19:44	1
(GRO)-C6-C10								
Diesel Range Organics (Over <5	0.0 U	50.0		mg/Kg		01/11/23 09:47	01/12/23 19:44	1
C10-C28)								
OII Range Organics (Over C28-C36) <5	0.0 U	50.0		mg/Kg		01/11/23 09:47	01/12/23 19:44	1

**Eurofins Carlsbad** 

20

Job ID: 890-3772-1

SDG: Lea County NM

Client: Tetra Tech, Inc. Project/Site: Convoy Central CTB

Lab Sample ID: MB 880-43713/1-A

Lab Sample ID: LCS 880-43713/2-A

Lab Sample ID: LCSD 880-43713/3-A

**Matrix: Solid** 

**Analysis Batch: 43779** 

**Matrix: Solid** 

**Analysis Batch: 43779** 

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43713

MB MB

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130	01/11/23 09:47	01/12/23 19:44	1
o-Terphenyl	123		70 - 130	01/11/23 09:47	01/12/23 19:44	1

**Client Sample ID: Lab Control Sample** 

**Matrix: Solid** Prep Type: Total/NA Analysis Batch: 43779 Prep Batch: 43713 Spike LCS LCS %Rec

Analyte Added Result Qualifier Unit D %Rec Limits Gasoline Range Organics 1000 1063 106 70 - 130 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1036 mg/Kg 104 70 - 130 C10-C28)

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	125		70 - 130
o-Terphenyl	108		70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 43713

Spike LCSD LCSD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit Gasoline Range Organics 1000 978.4 mg/Kg 98 70 - 130 8 20 (GRO)-C6-C10 1000 Diesel Range Organics (Over 766.4 \*1 mg/Kg 77 70 - 130 30 20 C10-C28)

LCSD LCSD

Surrogate	%Recovery C	Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	85		70 - 130

Lab Sample ID: 890-3781-A-21-D MS Client Sample ID: Matrix Spike

**Matrix: Solid** Prep Type: Total/NA

**Analysis Batch: 43779** Prep Batch: 43713

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	927.5		mg/Kg		89	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U *1	998	862.9		mg/Kg		86	70 - 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	82		70 - 130

Job ID: 890-3772-1

Client: Tetra Tech, Inc. Project/Site: Convoy Central CTB SDG: Lea County NM

### Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-3781-A-21-E MSD Client Sample ID: Matrix Spike Duplicate

**Matrix: Solid** 

Prep Type: Total/NA Analysis Batch: 43779 Prep Batch: 43713

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	<50.0	U	997	1064		mg/Kg		103	70 - 130	14	20	
(GRO)-C6-C10												
Diesel Range Organics (Over	<50.0	U *1	997	993.4		mg/Kg		100	70 - 130	14	20	
040 000)												

C10-C28)

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	105		70 - 130
o-Terphenyl	94		70 - 130

### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-43540/1-A Client Sample ID: Method Blank **Prep Type: Soluble** 

**Matrix: Solid** 

Analysis Batch: 43613

мв мв

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/11/23 13:38	1

Lab Sample ID: LCS 880-43540/2-A **Client Sample ID: Lab Control Sample Prep Type: Soluble** 

**Matrix: Solid** 

**Analysis Batch: 43613** 

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	264.0		mg/Kg		106	90 - 110	 

Lab Sample ID: LCSD 880-43540/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble** 

Analysis Batch: 43613

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	263.6		mg/Kg		105	90 - 110		20	

Lab Sample ID: 890-3772-7 MS Client Sample ID: AH-1 (0-1') **Prep Type: Soluble** 

**Matrix: Solid** 

Analysis Batch: 43613

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	54.5	F1	250	420.0	F1	ma/Ka		146	90 110	

Lab Sample ID: 890-3772-7 MSD Client Sample ID: AH-1 (0-1') **Prep Type: Soluble** 

**Matrix: Solid** 

Analysis Batch: 43613

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	54.5	F1	250	435.1	F1	mg/Kg		152	90 - 110	4	20

Client: Tetra Tech, Inc. Job ID: 890-3772-1 Project/Site: Convoy Central CTB SDG: Lea County NM

**GC VOA** 

Prep Batch: 43511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-1	H-1	Total/NA	Solid	5035	
890-3772-2	H-2	Total/NA	Solid	5035	
890-3772-3	H-3	Total/NA	Solid	5035	
890-3772-4	H-4	Total/NA	Solid	5035	
890-3772-5	H-5	Total/NA	Solid	5035	
890-3772-6	H-6	Total/NA	Solid	5035	
890-3772-7	AH-1 (0-1')	Total/NA	Solid	5035	
890-3772-8	AH-1 (1-1.5')	Total/NA	Solid	5035	
890-3772-9	AH-1 (2-2.5')	Total/NA	Solid	5035	
890-3772-10	AH-2 (0-1')	Total/NA	Solid	5035	
890-3772-11	AH-2 (1-1.5')	Total/NA	Solid	5035	
890-3772-12	AH-2 (2-2.5')	Total/NA	Solid	5035	
890-3772-13	AH-3 (0-1')	Total/NA	Solid	5035	
890-3772-14	AH-3 (1-1.5')	Total/NA	Solid	5035	
890-3772-15	AH-3 (2-2.5')	Total/NA	Solid	5035	
MB 880-43511/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-43511/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43511/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3772-1 MS	H-1	Total/NA	Solid	5035	
890-3772-1 MSD	H-1	Total/NA	Solid	5035	

Prep Batch: 43542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-43542/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 43654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-8	AH-1 (1-1.5')	Total/NA	Solid	5035	
890-3772-9	AH-1 (2-2.5')	Total/NA	Solid	5035	
890-3772-13	AH-3 (0-1')	Total/NA	Solid	5035	
890-3772-14	AH-3 (1-1.5')	Total/NA	Solid	5035	
890-3772-15	AH-3 (2-2.5')	Total/NA	Solid	5035	
MB 880-43654/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-43654/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43654/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3781-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-3781-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 43785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-1	H-1	Total/NA	Solid	8021B	43511
890-3772-2	H-2	Total/NA	Solid	8021B	43511
890-3772-3	H-3	Total/NA	Solid	8021B	43511
890-3772-4	H-4	Total/NA	Solid	8021B	43511
890-3772-5	H-5	Total/NA	Solid	8021B	43511
890-3772-6	H-6	Total/NA	Solid	8021B	43511
890-3772-7	AH-1 (0-1')	Total/NA	Solid	8021B	43511
890-3772-8	AH-1 (1-1.5')	Total/NA	Solid	8021B	43511
890-3772-9	AH-1 (2-2.5')	Total/NA	Solid	8021B	43511
890-3772-10	AH-2 (0-1')	Total/NA	Solid	8021B	43511
890-3772-11	AH-2 (1-1.5')	Total/NA	Solid	8021B	43511

Client: Tetra Tech, Inc. Project/Site: Convoy Central CTB

Job ID: 890-3772-1 SDG: Lea County NM

### **GC VOA (Continued)**

### **Analysis Batch: 43785 (Continued)**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-12	AH-2 (2-2.5')	Total/NA	Solid	8021B	43511
890-3772-13	AH-3 (0-1')	Total/NA	Solid	8021B	43511
890-3772-14	AH-3 (1-1.5')	Total/NA	Solid	8021B	43511
890-3772-15	AH-3 (2-2.5')	Total/NA	Solid	8021B	43511
MB 880-43511/5-A	Method Blank	Total/NA	Solid	8021B	43511
MB 880-43542/5-A	Method Blank	Total/NA	Solid	8021B	43542
LCS 880-43511/1-A	Lab Control Sample	Total/NA	Solid	8021B	43511
LCSD 880-43511/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43511
890-3772-1 MS	H-1	Total/NA	Solid	8021B	43511
890-3772-1 MSD	H-1	Total/NA	Solid	8021B	43511

### Analysis Batch: 43863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-1	H-1	Total/NA	Solid	Total BTEX	
890-3772-2	H-2	Total/NA	Solid	Total BTEX	
890-3772-3	H-3	Total/NA	Solid	Total BTEX	
890-3772-4	H-4	Total/NA	Solid	Total BTEX	
890-3772-5	H-5	Total/NA	Solid	Total BTEX	
890-3772-6	H-6	Total/NA	Solid	Total BTEX	
890-3772-7	AH-1 (0-1')	Total/NA	Solid	Total BTEX	
890-3772-8	AH-1 (1-1.5')	Total/NA	Solid	Total BTEX	
890-3772-9	AH-1 (2-2.5')	Total/NA	Solid	Total BTEX	
890-3772-10	AH-2 (0-1')	Total/NA	Solid	Total BTEX	
890-3772-11	AH-2 (1-1.5')	Total/NA	Solid	Total BTEX	
890-3772-12	AH-2 (2-2.5')	Total/NA	Solid	Total BTEX	
890-3772-13	AH-3 (0-1')	Total/NA	Solid	Total BTEX	
890-3772-14	AH-3 (1-1.5')	Total/NA	Solid	Total BTEX	
890-3772-15	AH-3 (2-2.5')	Total/NA	Solid	Total BTEX	

#### Analysis Batch: 43866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-8	AH-1 (1-1.5')	Total/NA	Solid	8021B	43654
890-3772-9	AH-1 (2-2.5')	Total/NA	Solid	8021B	43654
890-3772-13	AH-3 (0-1')	Total/NA	Solid	8021B	43654
890-3772-14	AH-3 (1-1.5')	Total/NA	Solid	8021B	43654
890-3772-15	AH-3 (2-2.5')	Total/NA	Solid	8021B	43654
MB 880-43654/5-A	Method Blank	Total/NA	Solid	8021B	43654
LCS 880-43654/1-A	Lab Control Sample	Total/NA	Solid	8021B	43654
LCSD 880-43654/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43654
890-3781-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	43654
890-3781-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	43654

### **Analysis Batch: 44223**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-13	AH-3 (0-1')	Total/NA	Solid	8021B	44226
MB 880-44226/5-A	Method Blank	Total/NA	Solid	8021B	44226
LCS 880-44226/1-A	Lab Control Sample	Total/NA	Solid	8021B	44226
LCSD 880-44226/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	44226
890-3860-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	44226
890-3860-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	44226

Client: Tetra Tech, Inc.

Project/Site: Convoy Central CTB

Job ID: 890-3772-1 SDG: Lea County NM

### **GC VOA**

### Prep Batch: 44226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-13	AH-3 (0-1')	Total/NA	Solid	5035	
MB 880-44226/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-44226/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-44226/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3860-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
890-3860-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

### GC Semi VOA

### Analysis Batch: 43692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-1	H-1	Total/NA	Solid	8015B NM	43699
890-3772-2	H-2	Total/NA	Solid	8015B NM	43699
890-3772-3	H-3	Total/NA	Solid	8015B NM	43699
890-3772-4	H-4	Total/NA	Solid	8015B NM	43699
890-3772-5	H-5	Total/NA	Solid	8015B NM	43699
890-3772-6	H-6	Total/NA	Solid	8015B NM	43699
MB 880-43699/1-A	Method Blank	Total/NA	Solid	8015B NM	43699
LCS 880-43699/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	43699
LCSD 880-43699/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	43699
890-3772-1 MS	H-1	Total/NA	Solid	8015B NM	43699
890-3772-1 MSD	H-1	Total/NA	Solid	8015B NM	43699

### Analysis Batch: 43694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-7	AH-1 (0-1')	Total/NA	Solid	8015B NM	43712
890-3772-8	AH-1 (1-1.5')	Total/NA	Solid	8015B NM	43712
890-3772-9	AH-1 (2-2.5')	Total/NA	Solid	8015B NM	43712
890-3772-10	AH-2 (0-1')	Total/NA	Solid	8015B NM	43712
890-3772-11	AH-2 (1-1.5')	Total/NA	Solid	8015B NM	43712
890-3772-12	AH-2 (2-2.5')	Total/NA	Solid	8015B NM	43712
890-3772-13	AH-3 (0-1')	Total/NA	Solid	8015B NM	43712
890-3772-14	AH-3 (1-1.5')	Total/NA	Solid	8015B NM	43712
MB 880-43712/1-A	Method Blank	Total/NA	Solid	8015B NM	43712
LCS 880-43712/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	43712
LCSD 880-43712/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	43712
880-23565-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	43712
880-23565-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	43712

### Prep Batch: 43699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
890-3772-1	H-1	Total/NA	Solid	8015NM Prep	
890-3772-2	H-2	Total/NA	Solid	8015NM Prep	
890-3772-3	H-3	Total/NA	Solid	8015NM Prep	
890-3772-4	H-4	Total/NA	Solid	8015NM Prep	
890-3772-5	H-5	Total/NA	Solid	8015NM Prep	
890-3772-6	H-6	Total/NA	Solid	8015NM Prep	
MB 880-43699/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-43699/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-43699/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3772-1 MS	H-1	Total/NA	Solid	8015NM Prep	

**Eurofins Carlsbad** 

3

4

6

9

4 4

12

Client: Tetra Tech, Inc.

Project/Site: Convoy Central CTB

Job ID: 890-3772-1 SDG: Lea County NM

### **GC Semi VOA (Continued)**

### Prep Batch: 43699 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-1 MSD	H-1	Total/NA	Solid	8015NM Prep	

### Prep Batch: 43712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
890-3772-7	AH-1 (0-1')	Total/NA	Solid	8015NM Prep	
890-3772-8	AH-1 (1-1.5')	Total/NA	Solid	8015NM Prep	
890-3772-9	AH-1 (2-2.5')	Total/NA	Solid	8015NM Prep	
890-3772-10	AH-2 (0-1')	Total/NA	Solid	8015NM Prep	
890-3772-11	AH-2 (1-1.5')	Total/NA	Solid	8015NM Prep	
890-3772-12	AH-2 (2-2.5')	Total/NA	Solid	8015NM Prep	
890-3772-13	AH-3 (0-1')	Total/NA	Solid	8015NM Prep	
890-3772-14	AH-3 (1-1.5')	Total/NA	Solid	8015NM Prep	
MB 880-43712/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-43712/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-43712/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-23565-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-23565-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

### Prep Batch: 43713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-15	AH-3 (2-2.5')	Total/NA	Solid	8015NM Prep	
MB 880-43713/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-43713/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-43713/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3781-A-21-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-3781-A-21-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

### **Analysis Batch: 43772**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-1	H-1	Total/NA	Solid	8015 NM	
890-3772-2	H-2	Total/NA	Solid	8015 NM	
890-3772-3	H-3	Total/NA	Solid	8015 NM	
890-3772-4	H-4	Total/NA	Solid	8015 NM	
890-3772-5	H-5	Total/NA	Solid	8015 NM	
890-3772-6	H-6	Total/NA	Solid	8015 NM	
890-3772-7	AH-1 (0-1')	Total/NA	Solid	8015 NM	
890-3772-8	AH-1 (1-1.5')	Total/NA	Solid	8015 NM	
890-3772-9	AH-1 (2-2.5')	Total/NA	Solid	8015 NM	
890-3772-10	AH-2 (0-1')	Total/NA	Solid	8015 NM	
890-3772-11	AH-2 (1-1.5')	Total/NA	Solid	8015 NM	
890-3772-12	AH-2 (2-2.5')	Total/NA	Solid	8015 NM	
890-3772-13	AH-3 (0-1')	Total/NA	Solid	8015 NM	
890-3772-14	AH-3 (1-1.5')	Total/NA	Solid	8015 NM	
890-3772-15	AH-3 (2-2.5')	Total/NA	Solid	8015 NM	

### Analysis Batch: 43779

Lab Sa	imple ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-37	72-15	AH-3 (2-2.5')	Total/NA	Solid	8015B NM	43713
MB 880	0-43713/1-A	Method Blank	Total/NA	Solid	8015B NM	43713
LCS 88	30-43713/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	43713
LCSD 8	880-43713/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	43713

Client: Tetra Tech, Inc.

Project/Site: Convoy Central CTB

Job ID: 890-3772-1

# SDG: Lea County NM

### GC Semi VOA (Continued)

### **Analysis Batch: 43779 (Continued)**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-A-21-D MS	Matrix Spike	Total/NA	Solid	8015B NM	43713
890-3781-A-21-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	43713

### HPLC/IC

### Leach Batch: 43540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-1	H-1	Soluble	Solid	DI Leach	_
890-3772-2	H-2	Soluble	Solid	DI Leach	
890-3772-3	H-3	Soluble	Solid	DI Leach	
890-3772-4	H-4	Soluble	Solid	DI Leach	
890-3772-5	H-5	Soluble	Solid	DI Leach	
890-3772-6	H-6	Soluble	Solid	DI Leach	
890-3772-7	AH-1 (0-1')	Soluble	Solid	DI Leach	
890-3772-8	AH-1 (1-1.5')	Soluble	Solid	DI Leach	
890-3772-9	AH-1 (2-2.5')	Soluble	Solid	DI Leach	
890-3772-10	AH-2 (0-1')	Soluble	Solid	DI Leach	
890-3772-11	AH-2 (1-1.5')	Soluble	Solid	DI Leach	
890-3772-12	AH-2 (2-2.5')	Soluble	Solid	DI Leach	
890-3772-13	AH-3 (0-1')	Soluble	Solid	DI Leach	
890-3772-14	AH-3 (1-1.5')	Soluble	Solid	DI Leach	
890-3772-15	AH-3 (2-2.5')	Soluble	Solid	DI Leach	
MB 880-43540/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-43540/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-43540/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3772-7 MS	AH-1 (0-1')	Soluble	Solid	DI Leach	
890-3772-7 MSD	AH-1 (0-1')	Soluble	Solid	DI Leach	

### Analysis Batch: 43613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3772-1	H-1	Soluble	Solid	300.0	43540
890-3772-2	H-2	Soluble	Solid	300.0	43540
890-3772-3	H-3	Soluble	Solid	300.0	43540
890-3772-4	H-4	Soluble	Solid	300.0	43540
890-3772-5	H-5	Soluble	Solid	300.0	43540
890-3772-6	H-6	Soluble	Solid	300.0	43540
890-3772-7	AH-1 (0-1')	Soluble	Solid	300.0	43540
890-3772-8	AH-1 (1-1.5')	Soluble	Solid	300.0	43540
890-3772-9	AH-1 (2-2.5')	Soluble	Solid	300.0	43540
890-3772-10	AH-2 (0-1')	Soluble	Solid	300.0	43540
890-3772-11	AH-2 (1-1.5')	Soluble	Solid	300.0	43540
890-3772-12	AH-2 (2-2.5')	Soluble	Solid	300.0	43540
890-3772-13	AH-3 (0-1')	Soluble	Solid	300.0	43540
890-3772-14	AH-3 (1-1.5')	Soluble	Solid	300.0	43540
890-3772-15	AH-3 (2-2.5')	Soluble	Solid	300.0	43540
MB 880-43540/1-A	Method Blank	Soluble	Solid	300.0	43540
LCS 880-43540/2-A	Lab Control Sample	Soluble	Solid	300.0	43540
LCSD 880-43540/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	43540
890-3772-7 MS	AH-1 (0-1')	Soluble	Solid	300.0	43540
890-3772-7 MSD	AH-1 (0-1')	Soluble	Solid	300.0	43540

Job ID: 890-3772-1 SDG: Lea County NM

Project/Site: Convoy Central CTB

Date Received: 01/05/23 13:41

Client: Tetra Tech, Inc.

Client Sample ID: H-1 Lab Sample ID: 890-3772-1 Date Collected: 01/05/23 00:00

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/12/23 22:17
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/11/23 17:26
Total/NA	Prep	8015NM Prep			43699	DM	EET MID	01/11/23 08:24
Total/NA	Analysis	8015B NM		1	43692	SM	EET MID	01/11/23 10:56
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 14:47

Client Sample ID: H-2 Lab Sample ID: 890-3772-2

Date Collected: 01/05/23 00:00

Date Received: 01/05/23 13:41

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/12/23 22:37
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/11/23 17:26
Total/NA	Prep	8015NM Prep			43699	DM	EET MID	01/11/23 08:24
Total/NA	Analysis	8015B NM		1	43692	SM	EET MID	01/11/23 12:02
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 15:06

Client Sample ID: H-3 Lab Sample ID: 890-3772-3

Date Collected: 01/05/23 00:00 Date Received: 01/05/23 13:41

**Matrix: Solid** 

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/12/23 22:58
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/11/23 17:26
Total/NA	Prep	8015NM Prep			43699	DM	EET MID	01/11/23 08:24
Total/NA	Analysis	8015B NM		1	43692	SM	EET MID	01/11/23 12:24
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 15:12

Client Sample ID: H-4 Lab Sample ID: 890-3772-4 Date Collected: 01/05/23 00:00 **Matrix: Solid** 

Date Received: 01/05/23 13:41

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/12/23 23:18
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07

**Eurofins Carlsbad** 

Released to Imaging: 2/6/2024 1:23:40 PM

Project/Site: Convoy Central CTB

Job ID: 890-3772-1

SDG: Lea County NM

Client Sample ID: H-4

Date Collected: 01/05/23 00:00 Date Received: 01/05/23 13:41 Lab Sample ID: 890-3772-4

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/11/23 17:26
Total/NA	Prep	8015NM Prep			43699	DM	EET MID	01/11/23 08:24
Total/NA	Analysis	8015B NM		1	43692	SM	EET MID	01/11/23 12:47
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 15:18

Lab Sample ID: 890-3772-5

Date Collected: 01/05/23 00:00

**Client Sample ID: H-5** 

Date Received: 01/05/23 13:41

**Matrix: Solid** 

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/12/23 23:39
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/11/23 17:26
Total/NA	Prep	8015NM Prep			43699	DM	EET MID	01/11/23 08:24
Total/NA	Analysis	8015B NM		1	43692	SM	EET MID	01/11/23 13:09
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 15:24

Client Sample ID: H-6 Lab Sample ID: 890-3772-6

Date Collected: 01/05/23 00:00 Date Received: 01/05/23 13:41

**Matrix: Solid** 

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/12/23 23:59
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/11/23 17:26
Total/NA	Prep	8015NM Prep			43699	DM	EET MID	01/11/23 08:24
Total/NA	Analysis	8015B NM		1	43692	SM	EET MID	01/11/23 13:32
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 15:30

Client Sample ID: AH-1 (0-1')

Date Collected: 01/05/23 00:00

Date Received: 01/05/23 13:41

Lab Sample ID: 890-3772-7

**Matrix: Solid** 

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/13/23 00:19
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/12/23 14:52
Total/NA	Prep	8015NM Prep			43712	DM	EET MID	01/11/23 09:44
Total/NA	Analysis	8015B NM		1	43694	SM	EET MID	01/12/23 02:31

Project/Site: Convoy Central CTB

Job ID: 890-3772-1 SDG: Lea County NM

Client Sample ID: AH-1 (0-1')

Date Collected: 01/05/23 00:00 Date Received: 01/05/23 13:41

Lab Sample ID: 890-3772-7

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 15:36

Client Sample ID: AH-1 (1-1.5') Lab Sample ID: 890-3772-8

Date Collected: 01/05/23 00:00 **Matrix: Solid** 

Date Received: 01/05/23 13:41

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			43654	MNR	EET MID	01/13/23 10:20
Total/NA	Analysis	8021B		10	43866	MNR	EET MID	01/13/23 14:01
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/13/23 00:40
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/12/23 14:52
Total/NA	Prep	8015NM Prep			43712	DM	EET MID	01/11/23 09:44
Total/NA	Analysis	8015B NM		1	43694	SM	EET MID	01/12/23 02:53
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 16:03

Client Sample ID: AH-1 (2-2.5') Lab Sample ID: 890-3772-9

Date Collected: 01/05/23 00:00

Date Received: 01/05/23 13:41

**Matrix: Solid** 

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			43654	MNR	EET MID	01/13/23 10:20
Total/NA	Analysis	8021B		10	43866	MNR	EET MID	01/13/23 14:22
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/13/23 01:00
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/12/23 14:52
Total/NA	Prep	8015NM Prep			43712	DM	EET MID	01/11/23 09:44
Total/NA	Analysis	8015B NM		1	43694	SM	EET MID	01/12/23 03:14
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 16:09

Client Sample ID: AH-2 (0-1') Lab Sample ID: 890-3772-10

Date Collected: 01/05/23 00:00

Date Received: 01/05/23 13:41

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/13/23 01:21
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/12/23 14:52

**Eurofins Carlsbad** 

Matrix: Solid

Project/Site: Convoy Central CTB

Job ID: 890-3772-1

SDG: Lea County NM

Client Sample ID: AH-2 (0-1')

Date Collected: 01/05/23 00:00 Date Received: 01/05/23 13:41

Lab Sample ID: 890-3772-10

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	8015NM Prep			43712	DM	EET MID	01/11/23 09:44
Total/NA	Analysis	8015B NM		1	43694	SM	EET MID	01/12/23 03:36
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 16:27

Client Sample ID: AH-2 (1-1.5')

Date Collected: 01/05/23 00:00

Date Received: 01/05/23 13:41

Lab Sample ID: 890-3772-11

**Matrix: Solid** 

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/13/23 02:44
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/12/23 14:52
Total/NA	Prep	8015NM Prep			43712	DM	EET MID	01/11/23 09:44
Total/NA	Analysis	8015B NM		1	43694	SM	EET MID	01/12/23 03:58
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 16:33

Client Sample ID: AH-2 (2-2.5')

Date Collected: 01/05/23 00:00

Date Received: 01/05/23 13:41

Lab Sample ID: 890-3772-12

**Matrix: Solid** 

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		1	43785	MNR	EET MID	01/13/23 03:04
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/12/23 14:52
Total/NA	Prep	8015NM Prep			43712	DM	EET MID	01/11/23 09:44
Total/NA	Analysis	8015B NM		1	43694	SM	EET MID	01/12/23 04:19
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 16:40

Client Sample ID: AH-3 (0-1')

Date Collected: 01/05/23 00:00

Date Received: 01/05/23 13:41

Lab Sample ID: 890-3772-13

**Matrix: Solid** 

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			43654	MNR	EET MID	01/13/23 10:20
Total/NA	Analysis	8021B		250	43866	MNR	EET MID	01/13/23 14:42
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		100	43785	MNR	EET MID	01/13/23 05:07
Total/NA	Prep	5035			44226	MNR	EET MID	01/18/23 08:29
Total/NA	Analysis	8021B		1000	44223	MNR	EET MID	01/18/23 15:20
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07

Project/Site: Convoy Central CTB

Job ID: 890-3772-1 SDG: Lea County NM

Lab Sample ID: 890-3772-13

**Matrix: Solid** 

Client Sample ID: AH-3 (0-1')

Date Collected: 01/05/23 00:00 Date Received: 01/05/23 13:41

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/12/23 14:52
Total/NA	Prep	8015NM Prep			43712	DM	EET MID	01/11/23 09:44
Total/NA	Analysis	8015B NM		1	43694	SM	EET MID	01/12/23 04:40
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 16:46

Client Sample ID: AH-3 (1-1.5')

Date Collected: 01/05/23 00:00

Date Received: 01/05/23 13:41

Lab	Sample	ID: 890-3772-14	
-----	--------	-----------------	--

**Matrix: Solid** 

Batch Batch Dilution Batch Prepared Prep Type Method Run or Analyzed Type Factor Number Analyst Lab 01/13/23 10:20 Total/NA Prep 5035 43654 MNR **EET MID** Total/NA Analysis 8021B 200 43866 MNR **EET MID** 01/13/23 15:02 Total/NA 5035 43511 MNR 01/09/23 10:59 Prep **EET MID** Total/NA 8021B Analysis 100 43785 MNR **EET MID** 01/13/23 05:28 Total/NA Total BTEX 01/13/23 08:07 Analysis 43863 AJ EET MID Total/NA Analysis 8015 NM 43772 SM **EET MID** 01/12/23 14:52 1 Total/NA Prep 8015NM Prep 43712 DM **EET MID** 01/11/23 09:44 Total/NA Analysis 8015B NM 43694 SM **EET MID** 01/12/23 05:01 1 Soluble Leach DI Leach 43540 KS **EET MID** 01/09/23 12:51 Soluble 300.0 **EET MID** 01/11/23 16:52 Analysis 1 43613 CH

Client Sample ID: AH-3 (2-2.5')

Date Collected: 01/05/23 00:00

Date Received: 01/05/23 13:41

Lab	<b>Sample</b>	ID:	890-3772-15
-----	---------------	-----	-------------

**Matrix: Solid** 

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			43654	MNR	EET MID	01/13/23 10:20
Total/NA	Analysis	8021B		200	43866	MNR	EET MID	01/13/23 15:23
Total/NA	Prep	5035			43511	MNR	EET MID	01/09/23 10:59
Total/NA	Analysis	8021B		100	43785	MNR	EET MID	01/13/23 05:49
Total/NA	Analysis	Total BTEX		1	43863	AJ	EET MID	01/13/23 08:07
Total/NA	Analysis	8015 NM		1	43772	SM	EET MID	01/13/23 12:46
Total/NA	Prep	8015NM Prep			43713	DM	EET MID	01/11/23 09:47
Total/NA	Analysis	8015B NM		1	43779	AJ	EET MID	01/13/23 00:26
Soluble	Leach	DI Leach			43540	KS	EET MID	01/09/23 12:51
Soluble	Analysis	300.0		1	43613	CH	EET MID	01/11/23 16:58

#### **Laboratory References:**

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

# **Accreditation/Certification Summary**

Client: Tetra Tech, Inc.

Job ID: 890-3772-1

Project/Site: Convoy Central CTB

SDG: Lea County NM

### **Laboratory: Eurofins Midland**

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pre	ogram	Identification Number	<b>Expiration Date</b>	
Texas	NE	ELAP	T104704400-22-25	06-30-23	
The following analytes	and the also also also also as a second live				
the agency does not of	' '	it the laboratory is not certifi	ed by the governing authority. This list ma	ay include analytes for	
,	' '	Matrix	ed by the governing authority. This list ma	ay include analytes for	
the agency does not of	fer certification.	•	, , ,	ay include analytes for	

3

4

6

8

10

12

### **Method Summary**

Client: Tetra Tech, Inc.

Project/Site: Convoy Central CTB

Job ID: 890-3772-1

SDG: Lea County NM

Laboratory	
EET MID	
EET MID	

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

#### **Protocol References:**

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

#### Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

### **Sample Summary**

Client: Tetra Tech, Inc.

Project/Site: Convoy Central CTB

Job ID: 890-3772-1

SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-3772-1	H-1	Solid	01/05/23 00:00	01/05/23 13:41	
890-3772-2	H-2	Solid	01/05/23 00:00	01/05/23 13:41	
890-3772-3	H-3	Solid	01/05/23 00:00	01/05/23 13:41	
890-3772-4	H-4	Solid	01/05/23 00:00	01/05/23 13:41	
890-3772-5	H-5	Solid	01/05/23 00:00	01/05/23 13:41	
890-3772-6	H-6	Solid	01/05/23 00:00	01/05/23 13:41	
890-3772-7	AH-1 (0-1')	Solid	01/05/23 00:00	01/05/23 13:41	
890-3772-8	AH-1 (1-1.5')	Solid	01/05/23 00:00	01/05/23 13:41	0 - 1
890-3772-9	AH-1 (2-2.5')	Solid	01/05/23 00:00	01/05/23 13:41	1 - 1.5
890-3772-10	AH-2 (0-1')	Solid	01/05/23 00:00	01/05/23 13:41	2 - 2.5
890-3772-11	AH-2 (1-1.5')	Solid	01/05/23 00:00	01/05/23 13:41	0 - 3.5
890-3772-12	AH-2 (2-2.5')	Solid	01/05/23 00:00	01/05/23 13:41	1 - 4.5
890-3772-13	AH-3 (0-1')	Solid	01/05/23 00:00	01/05/23 13:41	0 - 1
890-3772-14	AH-3 (1-1.5')	Solid	01/05/23 00:00	01/05/23 13:41	1 - 1.5
890-3772-15	AH-3 (2-2.5')	Solid	01/05/23 00:00	01/05/23 13:41	2 - 2.5

Received by OCD: 10/25/2023 3:11:34 PM

Analysis Request of Chain of Custody Record							Page	of d
Tetra Tech, Inc.		Midle Tel Fex	Wall Street, Ste 100 and,Texas 79701 (432) 882-4559 (432) 882-3946					
Client Name: EOC7	Site Manager:	Hone Lon	9		300.0			
Project Name: Convoy lentral CTB					390-3	772 Chain of 0	custody	- 1
(county, state) Lea County WM	Project #: 2/2	1-MD-	-0245	8			list)	
invoice to: EOG ATTN: Told Wells					RO)		attached II	
Receiving Laboratory: EUIOFins	Sampler Signature:	dynl	f Han		Pb Se I			
Comments:					BTEX 8021B BTEX 8260B TPH TX1005 (Ext to C35) TPH 8015M (GRO - DRO - ORO - MRO) PAH 8270C Total Metals Ag As Ba Cd Cr Pb Se Hg TC1P Metals Ag As Ra Cd Cr Pb Se Hg	42	8 8 2	
	SAMPLING	MATRIX	PRESERVATIVE METHOD	g z	BTEX (Ext to C GRO - D GRO - D Ag As Ba	TCLP Volatiles TCLP Semi Volatiles RCI GCMS Vol. 8260B / 624	ni. voi. 82 27608 stos) sulfate Sulfate on Balance	
LAB# SAMPLE IDENTIFICATION	YEAR: 2023			rainer ED (Y	8021B TX1005 ( 8015M ( 8270C Metals Aq	olatiles vol. 8	8082 / (8082 /	
( LAB USE ONLY	DATE	WATER	고 등 등	# CONTAINERS	BTEX 80211 TPH TX100 TPH 8015M PAH 8270C Total Metals	TCLP Volatiles TCLP Semi Volatiles RCI GC/MS Vol. 8260B / 6	GCMS Sem. vo. 827V PCBs 8082 / 608 NORM PLM (Asbestos) Chloride Sulfate T General Water Chemist Anion/Catlon Balance	рюн
H-I	1/5/23	X	Y		XX			
H-2				$\perp$	44-14-1-		<del>                                     </del>	
H-3		-111		+	#1-141-1-	+ + + +		
H-4			<del>                                     </del>		+	++++	<del></del>	
H-5		-1-11			+	++++		
H-6			<del>                                     </del>		+	++++		
A +1-1 (0-i)	1/-	<del>-          </del>	+++++		╫┼╫┼┼┼	++++		
A H-1 (1-1.5') A H-1 (2-2.5')		1 111	<del>                                     </del>				+++++	
AH-2 (0-1)			T T		4 4			
Date: Time	Réceived by		Date: Time:		LAB USE	REMARKS:	Tandal TA	-
Miguel A flor 1/5/22	11/12 Cu	10 13	41 1.5.	23	ONLY	1 2	> ander !	_
Relinquished by: Date: Time:	Received by:		Date: Time:	& <u>)</u>	Sample Temperature	RUSH:	Same Day 24 hr 48 hr	72 hr
					14.3	Rush C	narges Authorized	
Relinquished by: Date: Time:	Received by:		Date: Time:		16.1		Report Limits or TRRP Rep	ort
					100			
	OPIGINAL COE				(Circle) HAND DELIV	ERED FEDEX L	JPS Tracking #:	

13

Received by OCD: 10/25/2023 3:11:34 PM

Analysis Request of Chain of Custody Record

Page 2 of 2

TE	Tetra Tech, Inc.			6	Tel (	Vall Stre nd, Texa (432) 68 (432) 68	s 797	01 9																		
Client Name:	Eoh	Site Manager	Bit	1	1		4										LYS									
Project Name:				7			7					1		(Cir	cle	or	Spe	Cif	у м 	eth 	lod	NO 	.)		1	
Project Location:		Project #:	2126	- M	0-	-0	2	45	8														£			
Invoice to:	Lou Court, NM =06 AHN: Todd Wells												(NRO)	D.	Hg								attached list)			
Receiving Laborator	Foldins	Sampler Sign	ature: $\mathcal{U}_l$	for	z/	1.	2	la				_	RO-A	Pb Se	Pb Se								(see atta			
Comments:												C35)	DRO-C	Cd Cr	a Cd Cr			624 70C K2	2000							
			PLING	MA'	TRIX	PI		RVATIVE HOD		RS	(N)	BTE)	GRO-	Ag As Ba	Ag As B	Salite	oldines	32608 /	608		(8)	Sulfate	er Chen Balanc			
LAB#	SAMPLE IDENTIFICATION	YEAR: 2	23 HMIL	WATER	5	HCL	HNO <sub>3</sub>			CONTAINERS	FILTERED (Y/N)	BTEX 8021B TPH TX1005	TPH 8015M (GRO - DRO - ORO - MRO)	otal Metals /	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	RCI	C/MS Vol.	PCB's 8082 / 608	NORM	PLIM (Asbestos) Chloride	Chloride S	General Water Chemistry Anion/Catlon Balance			Hold
,	AH-2 (1-1.5')	1/5/23	F	S U		I			+	#	IL.	χ	X	1 12	Ĕ	FF	α.	9 0	0.0.	2 0	X	O	O A	H	+	+=
	AH-2 (2-25)												M	I							I			$\Box$		
	AH-3 (0-i)									_		1	Щ	1		1	Ш	+			$\parallel$	Н	1	$\sqcup$		$\perp$
	AH-3 (1-1.5)	+					١.	H	+	-		#		+	H	+	+	+	+	+	#		+	++	+	+
	AH-3 (2-25)	1		1	4-		+	+	+			V	1	+	H	+		+		+	+		+	++	+	+
		11					+	++	7				H	+	П		$\dagger \dagger$	1						$\Box$	$\top$	
							I																	П		
				Ш			1	$\sqcup$		_		-	Ц	1	Ц	1	$\sqcup$	_		1	1	Н	4	$\coprod$		
Relinquished by:	/ // Detc: Time	Received by		Ш		Date:		Time:	_	==		1	ABI	ISE		REM	ARKS	: 2	+	-1			TA-	무		
Man	nt lan 15/23	(1	a (	Se	40		1 -	5.	2?	5 (3	34		ONL													
Relinquished by:	Date: Time.	Received by			1	Date:		Time:				Sample	e Tem	peratu	re		RU	SH:	Sam	Day	y 24	4 hr	48 hr	72	hr	
					V							1	)	1			Rus	h Ch	arges	Auti	horiz	ed				
Relinquished by:	Date: Time:	Received by				Date:		Time:				r	9				Spe	cial f	Repoi	t Lim	nits or	TRF	RP Rep	port		
<u></u>												(Circle)	HAN	D DE	LIVE	RED	FEDE	X U	PS	Track	king#	:				-
		ORIGINAL	COPY																							

### **Login Sample Receipt Checklist**

Client: Tetra Tech, Inc.

Job Number: 890-3772-1

SDG Number: Lea County NM

List Source: Eurofins Carlsbad

Login Number: 3772 List Number: 1 Creator: Clifton, Cloe

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

0J 202

\_

3

4

6

8

11

13

14

### **Login Sample Receipt Checklist**

Client: Tetra Tech, Inc.

Job Number: 890-3772-1 SDG Number: Lea County NM

List Source: Furofine Midland

List Source: Eurofins Midland List Creation: 01/09/23 08:26 AM

Creator: Rodriguez, Leticia

Login Number: 3772

List Number: 2

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	N/A	

4

3

4

6

8

10

10

13

14

<6mm (1/4").



June 15, 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 06/14/23 16:35.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

TETRA TECH BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/14/2023 Sampling Date: 06/14/2023

Reported: 06/15/2023 Sampling Type: Soil

Project Name: EOG - CONVOY CENTRAL CTB Sampling Condition: \*\* (See Notes)
Project Number: 212C-MD-02958 Sample Received By: Tamara Oldaker

Applymed By MC

Project Location: EOG - LEA COUNTY, NM

### Sample ID: BH - 1 (1.5') (H233073-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.59	129	2.00	18.1	
Toluene*	<0.050	0.050	06/15/2023	ND	2.60	130	2.00	18.5	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.55	127	2.00	18.6	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.74	129	6.00	18.5	
Total BTEX	<0.300	0.300	06/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	200	100	200	5.53	
DRO >C10-C28*	89.9	10.0	06/15/2023	ND	206	103	200	5.33	
EXT DRO >C28-C36	18.4	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	94.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.0	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

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

Celey & Kreene



### Analytical Results For:

TETRA TECH BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/14/2023 Sampling Date: 06/14/2023

Reported: 06/15/2023 Sampling Type: Soil

Project Name: EOG - CONVOY CENTRAL CTB Sampling Condition: \*\* (See Notes)
Project Number: 212C-MD-02958 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA COUNTY, NM

### Sample ID: BH - 2 (1.5') (H233073-02)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.59	129	2.00	18.1	
Toluene*	<0.050	0.050	06/15/2023	ND	2.60	130	2.00	18.5	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.55	127	2.00	18.6	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.74	129	6.00	18.5	
Total BTEX	<0.300	0.300	06/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	200	100	200	5.53	
DRO >C10-C28*	102	10.0	06/15/2023	ND	206	103	200	5.33	
EXT DRO >C28-C36	23.9	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	98.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



### Analytical Results For:

**TETRA TECH BRITTANY LONG** 

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/14/2023 Sampling Date: 06/14/2023

Reported: 06/15/2023 Sampling Type: Soil

Project Name: EOG - CONVOY CENTRAL CTB Sampling Condition: \*\* (See Notes) Sample Received By: Tamara Oldaker Project Number: 212C-MD-02958

Project Location: EOG - LEA COUNTY, NM

### Sample ID: BH - 3 (2.5') (H233073-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.59	129	2.00	18.1	
Toluene*	<0.050	0.050	06/15/2023	ND	2.60	130	2.00	18.5	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.55	127	2.00	18.6	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.74	129	6.00	18.5	
Total BTEX	<0.300	0.300	06/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	200	100	200	5.53	
DRO >C10-C28*	88.6	10.0	06/15/2023	ND	206	103	200	5.33	
EXT DRO >C28-C36	36.6	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	86.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.3	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



### Analytical Results For:

**TETRA TECH BRITTANY LONG** 

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/14/2023 Sampling Date: 06/14/2023 Reported: 06/15/2023 Sampling Type: Soil

Project Name: EOG - CONVOY CENTRAL CTB Sampling Condition: \*\* (See Notes) Tamara Oldaker Project Number: 212C-MD-02958 Sample Received By:

Project Location: EOG - LEA COUNTY, NM

### Sample ID: SW - 1 (H233073-04)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.59	129	2.00	18.1	
Toluene*	<0.050	0.050	06/15/2023	ND	2.60	130	2.00	18.5	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.55	127	2.00	18.6	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.74	129	6.00	18.5	
Total BTEX	<0.300	0.300	06/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	200	100	200	5.53	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	206	103	200	5.33	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	92.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



### Analytical Results For:

TETRA TECH BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

 Received:
 06/14/2023

 Reported:
 06/15/2023

 Sampling Date:
 06/14/2023

 Sampling Type:
 Soil

Project Name: EOG - CONVOY CENTRAL CTB Sampling Condition: \*\* (See Notes)
Project Number: 212C-MD-02958 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA COUNTY, NM

ma/ka

### Sample ID: SW - 2 (H233073-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.59	129	2.00	18.1	
Toluene*	<0.050	0.050	06/15/2023	ND	2.60	130	2.00	18.5	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.55	127	2.00	18.6	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.74	129	6.00	18.5	
Total BTEX	<0.300	0.300	06/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	200	100	200	5.53	
DRO >C10-C28*	30.2	10.0	06/15/2023	ND	206	103	200	5.33	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



### Analytical Results For:

TETRA TECH BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/14/2023 Sampling Date: 06/14/2023

Reported: 06/15/2023 Sampling Type: Soil

Project Name: EOG - CONVOY CENTRAL CTB Sampling Condition: \*\* (See Notes)
Project Number: 212C-MD-02958 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: EOG - LEA COUNTY, NM

mg/kg

### Sample ID: SW - 3 (H233073-06)

BTEX 8021B

	9/	9	71.14.1, = 0	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.59	129	2.00	18.1	
Toluene*	<0.050	0.050	06/15/2023	ND	2.60	130	2.00	18.5	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.55	127	2.00	18.6	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.74	129	6.00	18.5	
Total BTEX	<0.300	0.300	06/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	200	100	200	5.53	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	206	103	200	5.33	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



### Analytical Results For:

TETRA TECH
BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/14/2023 Sampling Date: 06/14/2023 Reported: 06/15/2023 Sampling Type: Soil

Project Name: EOG - CONVOY CENTRAL CTB Sampling Condition: \*\* (See Notes)
Project Number: 212C-MD-02958 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA COUNTY, NM

ma/ka

### Sample ID: SW - 4 (H233073-07)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.59	129	2.00	18.1	
Toluene*	<0.050	0.050	06/15/2023	ND	2.60	130	2.00	18.5	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.55	127	2.00	18.6	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.74	129	6.00	18.5	
Total BTEX	<0.300	0.300	06/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	200	100	200	5.53	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	206	103	200	5.33	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



### Analytical Results For:

**TETRA TECH BRITTANY LONG** 

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/14/2023 Sampling Date: 06/14/2023 Reported: 06/15/2023 Sampling Type: Soil

Project Name: EOG - CONVOY CENTRAL CTB Sampling Condition: \*\* (See Notes) Tamara Oldaker Project Number: 212C-MD-02958 Sample Received By:

Project Location: EOG - LEA COUNTY, NM

### Sample ID: SW - 5 (H233073-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.59	129	2.00	18.1	
Toluene*	<0.050	0.050	06/15/2023	ND	2.60	130	2.00	18.5	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.55	127	2.00	18.6	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.74	129	6.00	18.5	
Total BTEX	<0.300	0.300	06/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/15/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	197	98.4	200	0.977	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	178	89.0	200	0.171	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



### Analytical Results For:

TETRA TECH BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/14/2023 Sampling Date: 06/14/2023

Reported: 06/15/2023 Sampling Type: Soil

Project Name: EOG - CONVOY CENTRAL CTB Sampling Condition: \*\* (See Notes)
Project Number: 212C-MD-02958 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: EOG - LEA COUNTY, NM

mg/kg

### Sample ID: SW - 6 (H233073-09)

BTEX 8021B

DILX GOZID	iiig/	- Kg	Allulyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.59	129	2.00	18.1	
Toluene*	<0.050 0.050		06/15/2023	ND	2.60	130	2.00	18.5	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.55	127	2.00	18.6	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.74	129	6.00	18.5	
Total BTEX	<0.300	0.300	06/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<b>160</b> 16.0		06/15/2023 ND		432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	197	98.4	200	0.977	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	178	89.0	200	0.171	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



### Analytical Results For:

TETRA TECH BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/14/2023 Sampling Date: 06/14/2023

Reported: 06/15/2023 Sampling Type: Soil
Project Name: EOG - CONVOY CENTRAL CTB Sampling Condition: \*\* (See Notes)

Project Number: 212C-MD-02958 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: EOG - LEA COUNTY, NM

ma/ka

### Sample ID: SW - 7 (H233073-10)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.59	129	2.00	18.1	
Toluene*	<0.050	0.050	06/15/2023	ND	2.60	130	2.00	18.5	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.55	127	2.00	18.6	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.74	129	6.00	18.5	
Total BTEX	<0.300	0.300	06/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<b>16.0</b> 16.0		06/15/2023 ND		432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	197	98.4	200	0.977	
DRO >C10-C28*	15.1	10.0	06/15/2023	ND	178	89.0	200	0.171	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

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

Celey & Freene



### Analytical Results For:

TETRA TECH
BRITTANY LONG
901 WEST WALL STREET , STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/14/2023 Sampling Date: 06/14/2023

Reported: 06/15/2023 Sampling Type: Soil

Project Name: EOG - CONVOY CENTRAL CTB Sampling Condition: \*\* (See Notes)
Project Number: 212C-MD-02958 Sample Received By: Tamara Oldaker

Project Location: EOG - LEA COUNTY, NM

### Sample ID: SW - 8 (H233073-11)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.59	129	2.00	18.1	
Toluene*	<0.050	0.050	06/15/2023	ND	2.60	130	2.00	18.5	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.55	127	2.00	18.6	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.74	129	6.00	18.5	
Total BTEX	<0.300 0.300		06/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result Reporting Limit		Analyzed	yzed Method Blank		% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	197	98.4	200	0.977	
DRO >C10-C28*	16.8	10.0	06/15/2023	ND	178	89.0	200	0.171	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	96.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	18						

### Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keine



### **Notes and Definitions**

QR-04	The RPD for the BS/BSD was outside of historical limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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

\*\*\* Insufficient time to reach temperature.

Samples not received at proper temperature of 6°C or below.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories \*=Accredited Analyte

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

Celeg D. Freene

TŁ	Tetra Tech, Inc.				Midl Te	Wall Str dland, Tex el (432) 6 ax (432) 6	as 797	01 9																		Page 14 of
lient Name:	EOG .	Site Manager: Brittany Long .									ANALYSIS REQUEST (Circle or Specify Method No.)										Pa					
roject Name:	0	(432) 741-5813																								
	Convoy Central CTB	Project #:	Brittany.lo	ong(c	otetra	ratech	1.COL	<u>n</u>			-															
roject Location: county, state)	Lea County, NM	Project #.		2	212C	C-MD-	-029	58					П										ist)			
voice to:	Atter Todd Mallo												(Q)		D								ched			
eceiving Labora	Attn: Todd Wells	Sampler Signa	iture:		Jorg	e Fer	nano	dez					M-C	H dy	Se H						П		atta			
	Cardinal Labs											98	l o o	9	Sr PB				325		П	l <sub>so</sub>	(see			
omments:												< 8260B C35)	TPH 8015M (GRO - DRO - ORO - MRO)	2	TCLP Metals Ag As Ba Cd Cr Pb Se Hg			624	8270C/625		П	TDS	General Water Chemistry (see attached list)	8		
		SAMP	LING	M/	ATRIX	x		RVATIVE		S	î	( 8021B BTEX 82 TX1005 (Ext to C35)	SRO-	A O	g As B		Semi Volatiles	60B /	GC/MS Semi. Vol. 8270C/	808		Sulfate	r Che	Anion/Cation Balance		
1233073		YEAR: 2023		П	T	+	П	П		CONTAINERS	FILTERED (Y/N)	21B	NS (	200	als A	atiles	ni Vol	ol. 82	emi.	82/6	PLM (Asbestos)		Wate	rtion		
LAB#	SAMPLE IDENTIFICATION			出			[ e			NTA	EREI		8015	8270C	P Met	TCLP Volatile	P Ser	MS V	MS S	S 80	(Asb	Chloride	eral	DI/Ca		7
LAB USE ONLY		DATE	TIME	WATE	SOIL	도 모	HNO	S		# CO	FILT	BTE	TPH	PAH	TCLF	172	102	S S	GC/I	NORM	PLM	양양	Gen	Anic	$\sqcup$	20
1	BH-1 (1.5')	6/14/2023			х			x				х	х		1	Ш		$\perp$	Ц	+	Ш	x	$\sqcup$	+	$\vdash$	+
	BH-2 (1.5')	6/14/2023			х			x				х	х		$\perp$	Ц	4	1	Ц	_	$\sqcup$	х	$\sqcup$	+	$\vdash$	+
	BH-3 (2.5')	6/14/2023			х			x				х	х		1	Ц	1	+	Н	+	$\sqcup$	х	+	+	$^{+}$	+
	SW-1	6/14/2023			х		Ш	x				х	х	Ц	+	Н	4	+	Н	+	+	х	+	+	+	+
5	SW-2	6/14/2023		Ш	х		Ш	x				х	х	$\sqcup$	+	Н	H	+	Н	+	H	X	+	+	+	+
6	SW-3	6/14/2023			х	$\perp$	Ш	x				х	Х	Н	+	Н	H	+	Н		+	X	+	+	+	+
7	SW-4	6/14/2023		Ц	х	$\perp$	Н	х				х	Х	Н	+	Н	Н	+	Н	+	+	X	+	+	++	+
8	SW-5	6/14/2023		Н	х	_	Н	x				X	Х	Н	+	$\vdash$	H	+	Н	+	+	X	+	+	+	+
9	SW-6	6/14/2023		$\perp$	х	_	Н	x				Х	X	H	+		H	+	Н	+	+	X	+	+	+	+
10	SW-7	6/14/2023	A		Х	1	Ш	x		/ //	1-17	X	Х	Ш	_	RF	MAI	RKS:	Ш	Sta	ndar	rd T/				
Relinquished by Relinquished b	J. Ferridez V. G. 14-23 y: Date: Time:	Received by		2			ate:	Tim	e.	163		Sam	AB ON PILE TE	emper S C	rature	W2		Rush	H: S	Same	Day Auth	24 norize	hr	48 hr P Rep	72 h	۱r
												0	8.7	AND	7	1/3				_						

Tetra Tech, In	c.	Midl Te	Wall Street, Ste 100 fland,Texas 79701 el (432) 682-4559 ex (432) 682-3946				Page 15 of 15								
nme: EOG	Site Manager:	Brittany	Long		ANALYSIS REQUEST										
Name: Convoy Central CTB	(432) 74 Brittany		atech.com	(Circle	or Specify Method No.)										
ocation: state) Lea County, NM	Project#:		C-MD-02958	1											
o: Attn: Todd Wells					(O) (B)	Shed lis									
g Laboratory:  Cardinal Labs	Sampler Signature:	Jorge	e Fernandez		RO - Mi	ee attac									
its:					BTEX 8021B BTEX 8260B TPH TX1005 (Ext to C35) TPH 8015M (GRO - DRO - ORO - MRO) 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 Semi Volu 8270C/625 PCB's 8082 / 608 NORM PLM (Asbestos) Chloride Chloride Chloride Sulfate TDS General Water Chemistry (see attached list) Anion/Cation Balance									
	SAMPLING	MATRIX	PRESERVATIVE METHOD	S	( 8021B BTEX 82 TX1005 (Ext to C35) 8015M ( GRO - DRC 8270C Metals Ag As Ba Cd Metals Ag As Ba Cc	latiles 260B / 6 70l. 827 508 s) s) lifate rr Chem Ralance									
3073 B# SAMPLE IDENTIFICATION	YEAR: 2023	<u>~</u>	Y	# CONTAINERS	X1005 ( X1005 ( 015M ( 270C etals Aç Aetals A	TCLP Volatiles TCLP Semi Volatiles RCI GC/MS Vol. 8260B / GC/MS Semi. Vol. 8 PCB's 8082 / 608 NORM PLM (Asbestos) Chloride Chloride Sulfate Chloride Sulfate General Water Che Anion/Cation Balar									
USE LY	DATE	WATER	HCL ICE	# CON	BTEX 8021B TPH TX1005 TPH 8015M ( PAH 8270C Total Metals A	TCLP Vo TCLP Se RCI GC/MS \( \) GC/MS \( \) NORM PLM \( \) Chloride Chloride General	3								
// SW-8	6/14/2023	х	х		х х	x									
		+++	++++	+			+++								
		+++					+++								
							+++								
ished hv: Date: Time:	a lawa	0 //	1/1/10	6-14-23	LAB USE ONLY	REMARKS: Standard TAT									
shed by: Date: Time:	Received by:	e sea	Date: Time:	1435	-	X RUSH: Same Day 24 hr 48 hr	72 hr								
			Date: Time:	9.5 E C-0.6 C	Rush Charges Authorized										
ished by: Date: Time:	Received by:		Date: Time:		8.9° #11	Special Report Limits or TRRP Rep	oort								



June 16, 2023

BRITTANY LONG
TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND, TX 79701

RE: CONVOY CENTERAL CTB

Enclosed are the results of analyses for samples received by the laboratory on 06/15/23 14:54.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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)

Celey D. Keene

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,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Received: 06/15/2023 Sampling Date: 06/15/2023 Reported: 06/16/2023 Sampling Type: Soil

Project Name: CONVOY CENTERAL CTB Sampling Condition: Cool & Intact Project Number: 212C-MD-02958 Sample Received By: Shalyn Rodriguez

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: SW - 9 (H233095-01)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/15/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	6.50	108	6.00	0.509	
Total BTEX	<0.300	0.300	06/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	226	113	200	4.96	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	75.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.6	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

**TETRA TECH BRITTANY LONG** 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

(432) 682-3946

Received: 06/15/2023 Sampling Date: 06/15/2023 Reported: Sampling Type: Soil 06/16/2023

Fax To:

Project Name: CONVOY CENTERAL CTB Sampling Condition: Cool & Intact Project Number: Sample Received By: 212C-MD-02958 Shalyn Rodriguez

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: SW - 10 (H233095-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.36	118	2.00	1.57	
Toluene*	< 0.050	0.050	06/15/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	< 0.050	0.050	06/15/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	6.50	108	6.00	0.509	
Total BTEX	<0.300	0.300	06/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	226	113	200	4.96	
DRO >C10-C28*	27.6	10.0	06/15/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	78.1 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.8 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

**TETRA TECH BRITTANY LONG** 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/15/2023 Sampling Date: 06/15/2023

Reported: Sampling Type: Soil 06/16/2023

Project Name: CONVOY CENTERAL CTB Sampling Condition: Cool & Intact Project Number: 212C-MD-02958 Sample Received By: Shalyn Rodriguez

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: SW - 11 (H233095-03)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEX	<0.300	0.300	06/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/15/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	226	113	200	4.96	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	76.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.9	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### **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 \*=Accredited Analyte

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

Celey D. Keene

$\mathbf{P}$	20	10	
	au	10	

1 of

# Tetra Tech, Inc.

TE	Tetra Tech, Inc.				1	Midla Tel	and, Tex (432) 6	reet, Ste (as 7970) (82-4559) (82-3946)	1			,										P	age		_	10	of _	Page 6 of
Client Name:	EOG	Site Manage	er:	E	Britta		Long					Т					ΔN	ALV	/C14	C D:		JES						<b>-</b>   <sup>∆</sup>
Project Name:	Convoy Central CTB		(432) 74	11-5	5813	3	_					$\dashv$		(	(Ci	rcle	10 S	S	oec	ify	EQ(	oeth	od	No.	)			(*)
Project Location: (county, state)	Lea County, NM	Project #:	Brittany.	.lon				com 02958				+								Ú					<u> </u>			
Invoice to:	Attn: Todd Wells											$\dashv$	П							Ш			П	list)	$\  \ $			
Receiving Laboratory:  Comments:	Cardinal Labs	Sampler Sigr	nature:		Jo	rge l	Fern	andez	z			+		- MRO)	E H	Se Hg							.	(see attached list)				
												3260B	5)	30 - ORC	d Cr Ph	Cd Cr Pb Se Hg				3/625			١					
H233095		SAME	LING	N	MATE	RIX	PR	ESERVA METHO		3S	î	BTEX 8	Ext to C3	SRO - DR	As Ba Cd	ارها	1	sein	0B / 624	ol. 8270C/625		Ш	4	hemi	lance			
LAB #  ( LAB USE ONLY )	SAMPLE IDENTIFICATION	YEAR: 2023	TIME	ATER	SOIL		HOL	2		CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TX1005 (E	1PH 8015M ( G	Total Metals Ag	N S	P Volatiles	Sella vola	AS Vol. 826	GC/MS Semi. Vol. 8270C/	M M	PLM (Asbestos)	ide Culfata	General Water Chemistry	Anion/Cation Balance			
/ SW-9		6/15/2023	F	3	П	+	되		+	#	분	BTE	필	PAH	Tota	길		Z S	©C∕\	GC/P P C P	NORM	PLM	Chlor	Gene	Anion			Hold
2 SW-10		6/15/2023		Н	x	+	+	X	+	+	$\vdash$	X	- ×	+	+	Н	+	$\sqcup$	Ц	$\perp$	$\perp$	1 1	x	Ц	T	П		
3 SW-1	1	6/15/2023			х	1	$\top$	x	+	+	$\vdash$	x x	X X	+	+	Н	+	Н	+	+	$\vdash$	<u> </u>	×	$\sqcup$	$\downarrow$	Н	$\perp$	
				H	$\Box$	1	+		1				Î	+			#		1	$\pm$		)		$\parallel$	+	H	+	$\dashv$
						$^{\dagger}$	$\pm$	$\parallel$	$\pm$			H	+	+	Н	+	+	Н	+	+	Н	+	+	H	$\perp$	H	7	$\neg$
N.				$\mathbb{H}$	+	+	+	$\vdash$	+			H	Ŧ		П	+	F	H	#	1	П	#	1		$\dagger$		$\pm$	
4				4	1	1						Ħ	#						$\pm$			+	+	H	H	+	+	$\dashv$
inquished by:	Date: Time:  Fernández V. 6-15-2023											L		US		RI	EMA	RKS	:	Sta	and	ard	TAT				1	7
Inquished by:		Received by:	Le On	e	М		ate:	Tim 5.a		140		Sampl	le Te	mpei		е								48	hr	72 hr	r	
	Date: Time:	Received by:	7		J		ate:	Time	e:			1.	_	C-(	0.6		_					thoriz		RP R	lepor	t		
		ORIGINAL C	OPY								(	Circle)	) HA	ND E	DELIN	VERE	D F	EDE	ΧL	JPS	Tra	cking	#: _					



June 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 06/19/23 14:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

TETRA TECH BRITTANY LONG 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2023 Sampling Date: 06/19/2023
Reported: 06/20/2023 Sampling Type: Soil

Project Name: CONVOY CENTRAL CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Tamara Oldaker

A ... - L ... - - - I D. .. MC

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: BH - 1 (1.75') (H233161-01)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/19/2023	ND	2.02	101	2.00	0.248	
Toluene*	<0.050	0.050	06/19/2023	ND	1.92	96.1	2.00	0.481	
Ethylbenzene*	<0.050	0.050	06/19/2023	ND	1.92	95.8	2.00	0.504	
Total Xylenes*	<0.150	0.150	06/19/2023	ND	5.75	95.8	6.00	2.23	
Total BTEX	<0.300	0.300	06/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/20/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	213	106	200	1.41	
DRO >C10-C28*	368	10.0	06/20/2023	ND	215	107	200	3.26	
EXT DRO >C28-C36	147	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	131	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Received: 06/19/2023 Sampling Date: 06/19/2023

Reported: 06/20/2023 Sampling Type: Soil

Project Name: CONVOY CENTRAL CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: EOG - LEA COUNTY, NM

mg/kg

#### Sample ID: BH - 2 (1.75') (H233161-02)

BTEX 8021B

	9/	9	7111411720	= 7					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/19/2023	ND	2.02	101	2.00	0.248	
Toluene*	<0.050	0.050	06/19/2023	ND	1.92	96.1	2.00	0.481	
Ethylbenzene*	<0.050	0.050	06/19/2023	ND	1.92	95.8	2.00	0.504	
Total Xylenes*	<0.150	0.150	06/19/2023	ND	5.75	95.8	6.00	2.23	
Total BTEX	<0.300	0.300	06/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/20/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	213	106	200	1.41	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	215	107	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Received: 06/19/2023 Sampling Date: 06/19/2023

Reported: Sampling Type: Soil 06/20/2023

Project Name: CONVOY CENTRAL CTB Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 212C-MD-02958

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: BH - 3 (2.75') (H233161-03)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/19/2023	ND	2.02	101	2.00	0.248	
Toluene*	<0.050	0.050	06/19/2023	ND	1.92	96.1	2.00	0.481	
Ethylbenzene*	<0.050	0.050	06/19/2023	ND	1.92	95.8	2.00	0.504	
Total Xylenes*	<0.150	0.150	06/19/2023	ND	5.75	95.8	6.00	2.23	
Total BTEX	<0.300	0.300	06/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/20/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	213	106	200	1.41	
DRO >C10-C28*	12.3	10.0	06/20/2023	ND	215	107	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	119 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

**TETRA TECH BRITTANY LONG** 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/19/2023 Sampling Date: 06/19/2023

Reported: Sampling Type: Soil 06/20/2023

Project Name: CONVOY CENTRAL CTB Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 212C-MD-02958

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: BH - 4 (1.75') (H233161-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/19/2023	ND	2.02	101	2.00	0.248	
Toluene*	<0.050	0.050	06/19/2023	ND	1.92	96.1	2.00	0.481	
Ethylbenzene*	<0.050	0.050	06/19/2023	ND	1.92	95.8	2.00	0.504	
Total Xylenes*	<0.150	0.150	06/19/2023	ND	5.75	95.8	6.00	2.23	
Total BTEX	<0.300	0.300	06/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/20/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	213	106	200	1.41	
DRO >C10-C28*	47.1	10.0	06/20/2023	ND	215	107	200	3.26	
EXT DRO >C28-C36	14.2	10.0	06/20/2023	ND					
Surrogate: 1-Chlorooctane	117 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### **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 \*=Accredited Analyte

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

Celey D. Keene

Received by OCD: 10/25/2023 3:11:34 PM

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Bacteria (only) Sample Condition

Cool Intact

Yes Yes

Observed Temp. °C

Corrected Temp. °C

Page 7 of

## CHAIN-OF-CUSTODY AND ANALYS'S REQUEST

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

Time:

Observed Temp. °C

Corrected Temp. °C

	(575) 393-2326 FAX	(575) 393-247	6		-			_		_						-		-		1 1/0:	0 5:	-01/5	OT			
Company Name:	LETTON LECON									1	B	IL	L TO						ANA	LYSI	SRE	QUE	51			_
Project Manager	Brittany	Long							2.0.							0										
Address: 90	W. Wall S.							c	Com	npar	ny:	Ę	JG Re	source	5	ORO										
City: Mill	and	State: TX Z	Zip:	7	27	101		4	Attn	: -	To	d	dW	ells		1 1										
Phone #:		Fax #:			_			A	Add	ress	s:					DRO										
Project #: 212	C-MD-029581	Project Owner:						0	City	:						,										
Project Name:	Convoy Cen- Lea County Ivan Ram	tral CTI	3	R	el	eas	2	5	Stat	e:		Z	Zip:			GRO-	4500									
Project Location	: Lea County	NM						F	Pho	ne #	#:				213	9	子									
Sampler Name:	Ivan Ram	05						F	ax	_		_			त्र	~										
FOR LAB USE ONLY		- 1	.		_	MA	TRIX	-	F	PRES	SER	٧.	SAMP	LING	80	5	65									
× .			C)OMP	<sub>s</sub>	ER.	or l										5108	)									
Lab I.D.	Sample I.D		R (C	NER	WAT	ATE			-	ن	7	١			E		Chlorid									
Lab I.D.	Sample I.L		AB OR	MAA	CND	TEW		GE	2	/BAS	00 6	¥			1	TPH	3									
H233161			(G)RAB	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUD	THE STATE OF	ACID/BASE	CE/	OTHER	DATE	TIME	M	+	2									L
1	RU-11	175')		#		X		0)	Ĭ		X		6/19/23	9:30	X	X.	X									
Z	RH-2 /	1.75)				1					1		1.11	9:45		1					_					1
3	BH-3 (	2.75")												10:15			Η,	-	_	-	_	-	1	1	-	$\vdash$
4	BH-4	(1.75")		$\forall$		V			1	1	V	-	V	10:45	V	V	V	_	-	-	+	-	1	-		$\vdash$
			_			-			-		+	-			-				+	+	+	+-	+-	-		+
				-	-	+		-	+	+	+	-1						-	+	+	1	+	+	1		+
			$\dashv$	-	+	+		-	-	+	+	1							+	+	1		1			
			$\dashv$		+	+		+	1	1	+	1														
									1			1														
analyses All claims including	d Damages. Cardinal's liability and client's ng those for negligence and any other cau	ise whatsnever shall be de	emed	waive	d unles	ss made	in writin	g and I	receive	ed by	Cardin	nal wi	ithin 30 days afte	r completion of t	ne applica	ble										
service In no event shall Ca	ig those for negligence and any other causer ardinal be liable for incidental or consequence of out of or related to the performance of	ental damages, including w	tuodtiv	limitat	ion, bu	usiness ir	nterruption	ons, lo	ss of u	use, or	r loss o	of pro	ofits incurred by o	client, its subsidia	nes,								-			
Relinguished By	r.	Date: 6-19-23	Red	ceiv	ed l	Ву:				1	11	1	1/	Verbal Re All Result	esuit:	☐ Ye mailed		No se pro		'l Phon mail ad						_
chon	Ramos	Time: 1420	1		1	1111	18/1	0		11/	Va	1	M													
Relinquished By	I:	Date:	Red	ceiv	ed l	By:	VIV	(	Ko	a	ill,	g C	and the same of th	REMARK	S:										-	

90

CHECKED BY:

(Initials)

Sample Condition

Cool Intact

Yes Yes

Turnaround Time:

Thermometer ID #113

Correction Factor -0.6°C

Standard

24hR

<sup>†</sup> Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



June 28, 2023

BRITTANY LONG
TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND, TX 79701

RE: CONVOY CENTRAL RELEASE 2

Enclosed are the results of analyses for samples received by the laboratory on 06/23/23 14:24.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

TETRA TECH BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: CONVOY CENTRAL RELEASE 2 Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shalyn Rodriguez

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: AH - 6 (0-1') (H233286-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.08	104	2.00	1.95	
Toluene*	<0.050	0.050	06/26/2023	ND	2.04	102	2.00	0.544	
Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.00	99.8	2.00	0.264	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.01	100	6.00	0.172	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	183	91.4	200	5.14	
DRO >C10-C28*	382	10.0	06/26/2023	ND	172	85.8	200	8.81	
EXT DRO >C28-C36	109	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

TETRA TECH BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: CONVOY CENTRAL RELEASE 2 Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shalyn Rodriguez

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: AH - 7 (0-1') (H233286-02)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.08	104	2.00	1.95	
Toluene*	<0.050	0.050	06/26/2023	ND	2.04	102	2.00	0.544	
Ethylbenzene*	< 0.050	0.050	06/26/2023	ND	2.00	99.8	2.00	0.264	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.01	100	6.00	0.172	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8260	16.0	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	183	91.4	200	5.14	
DRO >C10-C28*	2820	10.0	06/26/2023	ND	172	85.8	200	8.81	
EXT DRO >C28-C36	859	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

### Cardinal Laboratories

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

Celey & Keene

Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



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: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: **CONVOY CENTRAL RELEASE 2** Sampling Condition: Cool & Intact Project Number: Sample Received By: 212C-MD-02958 Shalyn Rodriguez

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: AH - 8 (0-1') (H233286-03)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.08	104	2.00	1.95	
Toluene*	0.141	0.050	06/26/2023	ND	2.04	102	2.00	0.544	
Ethylbenzene*	0.532	0.050	06/26/2023	ND	2.00	99.8	2.00	0.264	
Total Xylenes*	2.86	0.150	06/26/2023	ND	6.01	100	6.00	0.172	
Total BTEX	3.53	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	170 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	218	10.0	06/26/2023	ND	183	91.4	200	5.14	
DRO >C10-C28*	17900	10.0	06/26/2023	ND	172	85.8	200	8.81	
EXT DRO >C28-C36	3390	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	135 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	438 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

TETRA TECH BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: CONVOY CENTRAL RELEASE 2 Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: EOG - LEA COUNTY, NM

mg/kg

#### Sample ID: AH - 1 (3-3.5') (H233286-04)

BTEX 8021B

	9,	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.08	104	2.00	1.95	
Toluene*	<0.050	0.050	06/26/2023	ND	2.04	102	2.00	0.544	
Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.00	99.8	2.00	0.264	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.01	100	6.00	0.172	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	183	91.4	200	5.14	
DRO >C10-C28*	<10.0	10.0	06/26/2023	ND	172	85.8	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	111 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keens



#### Analytical Results For:

**TETRA TECH BRITTANY LONG** 

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: **CONVOY CENTRAL RELEASE 2** Sampling Condition: Cool & Intact Project Number: 212C-MD-02958 Sample Received By: Shalyn Rodriguez

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: AH - 2 (0-1') (H233286-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.08	104	2.00	1.95	
Toluene*	<0.050	0.050	06/26/2023	ND	2.04	102	2.00	0.544	
Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.00	99.8	2.00	0.264	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.01	100	6.00	0.172	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	06/26/2023	ND	432	108	400	0.00	QM-07
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	183	91.4	200	5.14	
DRO >C10-C28*	580	10.0	06/26/2023	ND	172	85.8	200	8.81	
EXT DRO >C28-C36	133	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	133 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



### Analytical Results For:

TETRA TECH BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: CONVOY CENTRAL RELEASE 2 Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shalyn Rodriguez

Applyzod By: MC

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: AH - 2 (1-1.5') (H233286-06)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.08	104	2.00	1.95	
Toluene*	<0.050	0.050	06/26/2023	ND	2.04	102	2.00	0.544	
Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.00	99.8	2.00	0.264	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.01	100	6.00	0.172	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	183	91.4	200	5.14	
DRO >C10-C28*	352	10.0	06/26/2023	ND	172	85.8	200	8.81	
EXT DRO >C28-C36	74.5	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	113	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

**TETRA TECH BRITTANY LONG** 

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: **CONVOY CENTRAL RELEASE 2** Sampling Condition: Cool & Intact Project Number: 212C-MD-02958 Sample Received By: Shalyn Rodriguez

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: AH - 2 (2-2.5') (H233286-07)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.08	104	2.00	1.95	
Toluene*	<0.050	0.050	06/26/2023	ND	2.04	102	2.00	0.544	
Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.00	99.8	2.00	0.264	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.01	100	6.00	0.172	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
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	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	183	91.4	200	5.14	
DRO >C10-C28*	<10.0	10.0	06/26/2023	ND	172	85.8	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

TETRA TECH BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: CONVOY CENTRAL RELEASE 2 Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shalyn Rodriguez

Applyzod By: MC

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: AH - 2 (3-3.5') (H233286-08)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.08	104	2.00	1.95	
Toluene*	<0.050	0.050	06/26/2023	ND	2.04	102	2.00	0.544	
Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.00	99.8	2.00	0.264	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.01	100	6.00	0.172	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	183	91.4	200	5.14	
DRO >C10-C28*	89.6	10.0	06/26/2023	ND	172	85.8	200	8.81	
EXT DRO >C28-C36	13.0	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

**TETRA TECH BRITTANY LONG** 

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: **CONVOY CENTRAL RELEASE 2** Sampling Condition: Cool & Intact Shalyn Rodriguez Project Number: 212C-MD-02958 Sample Received By:

Analyzed By: MS

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: AH - 3 (0-1') (H233286-09)

BTEX 8021B

DILX OUZID	iiig/	ng .	Andryzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.31	116	2.00	5.00	
Toluene*	<0.050	0.050	06/26/2023	ND	2.29	114	2.00	6.16	
Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.16	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.68	111	6.00	6.07	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9200	16.0	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	183	91.4	200	5.14	
DRO >C10-C28*	4350	10.0	06/26/2023	ND	172	85.8	200	8.81	
EXT DRO >C28-C36	1080	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	90.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	155	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celeg D. Keene



#### Analytical Results For:

TETRA TECH BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: CONVOY CENTRAL RELEASE 2 Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shalyn Rodriguez

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: AH - 4 (0-1') (H233286-10)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.31	116	2.00	5.00	
Toluene*	<0.050	0.050	06/26/2023	ND	2.29	114	2.00	6.16	
Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.16	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.68	111	6.00	6.07	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5400	16.0	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	183	91.4	200	5.14	
DRO >C10-C28*	570	10.0	06/26/2023	ND	172	85.8	200	8.81	
EXT DRO >C28-C36	182	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	142	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

**TETRA TECH BRITTANY LONG** 

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: **CONVOY CENTRAL RELEASE 2** Sampling Condition: Cool & Intact Project Number: Sample Received By: 212C-MD-02958 Shalyn Rodriguez

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: AH - 4 (1-1.5') (H233286-11)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.31	116	2.00	5.00	
Toluene*	<0.050	0.050	06/26/2023	ND	2.29	114	2.00	6.16	
Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.16	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.68	111	6.00	6.07	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3960	16.0	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	183	91.4	200	5.14	
DRO >C10-C28*	262	10.0	06/26/2023	ND	172	85.8	200	8.81	
EXT DRO >C28-C36	84.2	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	108 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



### Analytical Results For:

**TETRA TECH BRITTANY LONG** 

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: **CONVOY CENTRAL RELEASE 2** Sampling Condition: Cool & Intact Project Number: Sample Received By: 212C-MD-02958 Shalyn Rodriguez

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: AH - 4 (2-2.5') (H233286-12)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.31	116	2.00	5.00	
Toluene*	<0.050	0.050	06/26/2023	ND	2.29	114	2.00	6.16	
Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.16	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.68	111	6.00	6.07	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	183	91.4	200	5.14	
DRO >C10-C28*	<10.0	10.0	06/26/2023	ND	172	85.8	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

TETRA TECH BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: CONVOY CENTRAL RELEASE 2 Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shalyn Rodriguez

Applyzod By: MC

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: AH - 5 (0-1') (H233286-13)

RTFY 8021R

Result   Reporting Limit   Analyzed   Method Blank   BS   % Recovery   True Value QC   RPD	BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: м5					
Toluene*         <0.050	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* < 0.050 0.050 06/26/2023 ND 2.16 108 2.00 6.20  Total Xylenes* < 0.150 0.150 06/26/2023 ND 6.68 111 6.00 6.07  Total BTEX < 0.300 0.300 06/26/2023 ND 6.68 111 6.00 6.07  Surrogate: 4-Bromofluorobenzene (PID 111 % 71.5-134  Chloride, SM4500Cl-B mg/ky Analyzed By: AC  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 24400 16.0 06/26/2023 ND 432 108 400 0.00  TPH 8015M mg/ky Analyzed By: MS  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* < 10.0 10.0 06/26/2023 ND 183 91.4 200 5.14  DRO >C10-C28* 3940 10.0 06/26/2023 ND 172 85.8 200 8.81  EXT DRO >C28-C36 989 10.0 06/26/2023 ND 172 85.8 200 8.81  Surrogate: 1-Chlorooctane 84.2 % 48.2-134	Benzene*	<0.050	0.050	06/26/2023	ND	2.31	116	2.00	5.00	
Total Xylenes*         <0.150         0.150         06/26/2023         ND         6.68         111         6.00         6.07           Total BTEX         <0.300	Toluene*	<0.050	0.050	06/26/2023	ND	2.29	114	2.00	6.16	
Total BTEX         <0.300         0.300         06/26/2023         ND           Surrogate: 4-Bromofluorobenzene (PID         1111 %         71.5-134           Chloride, SM4500Cl-B         mg/ky         Analyzed By: AC           Analyte         Result Reporting Limit Analyzed By: MS         Method Blank BS % Recovery True Value QC RPD           Chloride         24400         16.0         06/26/2023 ND 432 108 400 0.00           TPH 8015M         mg/ky         Analyzed By: MS           Analyte         Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD         RPD           GRO C6-C10*         <10.0 10.0 06/26/2023 ND 183 91.4 200 5.14	Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.16	108	2.00	6.20	
Surrogate: 4-Bromofluorobenzene (PID         111 % 71.5-134           Chloride, SM4500Cl-B         mg/kg         Analyzed By: AC           Analyte         Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           Chloride         24400         16.0         06/26/2023         ND         432         108         400         0.00           TPH 8015M         mg/kg         Analyzed By: MS           Analyte         Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           GRO C6-C10*         < 10.0         10.0         06/26/2023         ND         183         91.4         200         5.14           DRO >C10-C28*         3940         10.0         06/26/2023         ND         172         85.8         200         8.81           EXT DRO >C28-C36         989         10.0         06/26/2023         ND         172         85.8         200         8.81	Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.68	111	6.00	6.07	
Chloride, SM4500Cl-B         mg/kg         Analyzed By: AC           Analyte         Result Reporting Limit         Analyzed Method Blank BS % Recovery         True Value QC RPD           Chloride         24400         16.0         06/26/2023         ND 432         108 400 0.00           TPH 8015M         mg/kg         Analyzed By: MS           Analyte         Result Reporting Limit         Analyzed Method Blank BS % Recovery         True Value QC RPD           GRO C6-C10*         <10.0	Total BTEX	<0.300	0.300	06/26/2023	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD  Chloride 24400 16.0 06/26/2023 ND 432 108 400 0.00  TPH 8015M	Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride         24400         16.0         06/26/2023         ND         432         108         400         0.00           TPH 8015M         mg/kg         Analyzed By: MS         Method Blank         BS         % Recovery         True Value QC         RPD           GRO C6-C10*         <10.0	Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
TPH 8015M         mg/kg         Analyzed By: MS           Analyte         Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           GRO C6-C10*         <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD  GRO C6-C10* <10.0 10.0 06/26/2023 ND 183 91.4 200 5.14  DRO >C10-C28* 3940 10.0 06/26/2023 ND 172 85.8 200 8.81  EXT DRO >C28-C36 989 10.0 06/26/2023 ND  Surrogate: 1-Chlorooctane 84.2 % 48.2-134	Chloride	24400	16.0	06/26/2023	ND	432	108	400	0.00	
GRO C6-C10* <10.0 10.0 06/26/2023 ND 183 91.4 200 5.14  DRO >C10-C28* 3940 10.0 06/26/2023 ND 172 85.8 200 8.81  EXT DRO >C28-C36 989 10.0 06/26/2023 ND  Surrogate: 1-Chlorooctane 84.2 % 48.2-134	TPH 8015M	mg	/kg	Analyze	ed By: MS					
DRO >C10-C28*         3940         10.0         06/26/2023         ND         172         85.8         200         8.81           EXT DRO >C28-C36         989         10.0         06/26/2023         ND           Surrogate: 1-Chlorooctane         84.2 %         48.2-134	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36 989 10.0 06/26/2023 ND  Surrogate: 1-Chlorooctane 84.2 % 48.2-134	GRO C6-C10*	<10.0	10.0	06/26/2023	ND	183	91.4	200	5.14	
Surrogate: 1-Chlorooctane 84.2 % 48.2-134	DRO >C10-C28*	3940	10.0	06/26/2023	ND	172	85.8	200	8.81	
	EXT DRO >C28-C36	989	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctadecane 105 % 49.1-148	Surrogate: 1-Chlorooctane	84.2	% 48.2-13	4						
	Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

TETRA TECH
BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: CONVOY CENTRAL RELEASE 2 Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: EOG - LEA COUNTY, NM

mg/kg

#### Sample ID: H - 1 (H233286-14)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.31	116	2.00	5.00	
Toluene*	<0.050	0.050	06/26/2023	ND	2.29	114	2.00	6.16	
Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.16	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.68	111	6.00	6.07	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	183	91.4	200	5.14	
DRO >C10-C28*	<10.0	10.0	06/26/2023	ND	172	85.8	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	98.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.7	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

TETRA TECH BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: CONVOY CENTRAL RELEASE 2 Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: EOG - LEA COUNTY, NM

mg/kg

#### Sample ID: H - 2 (H233286-15)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.31	116	2.00	5.00	
Toluene*	<0.050	0.050	06/26/2023	ND	2.29	114	2.00	6.16	
Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.16	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.68	111	6.00	6.07	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	183	91.4	200	5.14	
DRO >C10-C28*	<10.0	10.0	06/26/2023	ND	172	85.8	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	97.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

TETRA TECH BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: CONVOY CENTRAL RELEASE 2 Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: EOG - LEA COUNTY, NM

mg/kg

#### Sample ID: H - 3 (H233286-16)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.31	116	2.00	5.00	
Toluene*	<0.050	0.050	06/26/2023	ND	2.29	114	2.00	6.16	
Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.16	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.68	111	6.00	6.07	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	183	91.4	200	5.14	
DRO >C10-C28*	<10.0	10.0	06/26/2023	ND	172	85.8	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	84.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.1	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



### Analytical Results For:

TETRA TECH BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: CONVOY CENTRAL RELEASE 2 Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: EOG - LEA COUNTY, NM

mg/kg

#### Sample ID: H - 4 (H233286-17)

BTEX 8021B

	9/	9	7111411720	= 7					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.31	116	2.00	5.00	
Toluene*	<0.050	0.050	06/26/2023	ND	2.29	114	2.00	6.16	
Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.16	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.68	111	6.00	6.07	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
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	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	183	91.4	200	5.14	
DRO >C10-C28*	<10.0	10.0	06/26/2023	ND	172	85.8	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

TETRA TECH BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: CONVOY CENTRAL RELEASE 2 Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: EOG - LEA COUNTY, NM

mg/kg

#### Sample ID: H - 5 (H233286-18)

BTEX 8021B

	9/	9	7111411720	= 7					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.31	116	2.00	5.00	
Toluene*	<0.050	0.050	06/26/2023	ND	2.29	114	2.00	6.16	
Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.16	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.68	111	6.00	6.07	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
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	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	183	91.4	200	5.14	
DRO >C10-C28*	<10.0	10.0	06/26/2023	ND	172	85.8	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	95.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.2	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

TETRA TECH BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: CONVOY CENTRAL RELEASE 2 Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: EOG - LEA COUNTY, NM

mg/kg

#### Sample ID: H - 6 (H233286-19)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.31	116	2.00	5.00	
Toluene*	<0.050	0.050	06/26/2023	ND	2.29	114	2.00	6.16	
Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.16	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.68	111	6.00	6.07	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
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	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	183	91.4	200	5.14	
DRO >C10-C28*	<10.0	10.0	06/26/2023	ND	172	85.8	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



### Analytical Results For:

TETRA TECH BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: CONVOY CENTRAL RELEASE 2 Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: EOG - LEA COUNTY, NM

mg/kg

#### Sample ID: H - 7 (H233286-20)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.31	116	2.00	5.00	
Toluene*	<0.050	0.050	06/26/2023	ND	2.29	114	2.00	6.16	
Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.16	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.68	111	6.00	6.07	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	175	87.6	200	3.26	
DRO >C10-C28*	<10.0	10.0	06/26/2023	ND	180	89.8	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

**TETRA TECH BRITTANY LONG** 

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: **CONVOY CENTRAL RELEASE 2** Sampling Condition: Cool & Intact Project Number: Sample Received By: 212C-MD-02958 Shalyn Rodriguez

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: AH - 1 (0-1') (H233286-21)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.31	116	2.00	5.00	
Toluene*	<0.050	0.050	06/26/2023	ND	2.29	114	2.00	6.16	
Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.16	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.68	111	6.00	6.07	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	175	87.6	200	3.26	
DRO >C10-C28*	13.1	10.0	06/26/2023	ND	180	89.8	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	118 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

TETRA TECH BRITTANY LONG

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: CONVOY CENTRAL RELEASE 2 Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shalyn Rodriguez

Applyzod By: MC

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: AH - 1 (1-1.5') (H233286-22)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.31	116	2.00	5.00	
Toluene*	<0.050	0.050	06/26/2023	ND	2.29	114	2.00	6.16	
Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.16	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.68	111	6.00	6.07	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
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	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	175	87.6	200	3.26	
DRO >C10-C28*	<10.0	10.0	06/26/2023	ND	180	89.8	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	114	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

**TETRA TECH BRITTANY LONG** 

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 06/23/2023 Sampling Date: 06/21/2023

Reported: 06/28/2023 Sampling Type: Soil

Project Name: **CONVOY CENTRAL RELEASE 2** Sampling Condition: Cool & Intact Project Number: Sample Received By: 212C-MD-02958 Shalyn Rodriguez

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: AH - 1 (2-2.5') (H233286-23)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.31	116	2.00	5.00	
Toluene*	<0.050	0.050	06/26/2023	ND	2.29	114	2.00	6.16	
Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.16	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.68	111	6.00	6.07	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	175	87.6	200	3.26	
DRO >C10-C28*	<10.0	10.0	06/26/2023	ND	180	89.8	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	116 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### **Notes and Definitions**

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories \*=Accredited Analyte

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

Celeg D. Freene

TŁ	Tetra Tech, Inc.			\$	Midla	Wall Stre land, Texa I (432) 68 x (432) 68	as 79701 32-4559	1																 je 26 of
lient Name:	EOG	Site Manager:		Britta	any	Long						-	Cir	cle				REQ			No.	)		Page
roject Name:	Convoy Central Release 2		(432) 741 Brittany.lo			atech.	.com																	
roject Location: county, state)	Lea County, NM	Project #:		2	212C	-MD-	0295	8													(ts)			
voice to:	Attn: Todd Wells											(RO)	-	Hg H							il bachae			
eceiving Laborat		Sampler Signa	iture:	J	lorge	e Fern	nande	ez				ORO - N	100 40	Pb Se			u u	0			#6 000			
comments:											( 8260B	GRO - DRO - ORO - MRO)	3	a Cd Cr			1/624	20007			TDS TDS	90		
אר בי בי בי בי		SAMP	LING	MA	TRIX	Р	RESER		ERS	Y/N)		(GRO-	0	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	Volatiles Somi Volatiles	volatiles	260B	808		(SO)	Sulfate	Anion/Cation Balance		
1233284 LAB#	SAMPLE IDENTIFICATION	YEAR: 2023 Ш	ш	WATER	_		δ		CONTAINERS	FILTERED (Y/N)	EX 8021B		PAH 8270C	al Metals	TCLP Volatiles	LP Semi	GC/MS Vol. 8	GC/MS Semi. PCB's 8082 /	NORM	PLM (Aspestos) Chloride	Chloride	ion/Catic		700
( LAB USE )		DATE	TIME		SOIL	된	HNO3	T	#	분	1	TPH	PA	10	2 2	<u> </u>	OS G	3 5	2 2	x x	5 8	P G	+	1
2	AH-6 (0-1')	6/21/2023		X	+	+	X	+	+	+	x	X	H	Н	+	+	Н	+	H	x	H	Ħ	$\top$	$\vdash$
	AH-7 (0-1')	6/21/2023		X	+	+	×	+	+	+	x	X	H	Н	$\top$	$\dagger$	П	$\top$	П	х	П	$\top$		
3	AH-8 (0-1')	6/21/2023		Ħ	+		Î		#		Ħ	1	H	+	4	+	П	+	П	Ŧ	H	$\blacksquare$		$\mathbf{H}$
				H	+	+	+	+	+	+	H			$\pm$	$\exists$	$\pm$		$^{\dagger}$	Н	$^{\dagger}$	Ħ	$^{\dagger}$		Ħ
				H	1	$\perp$		$\prod$	$\perp$	-	H	+	H	$\perp$	$\mathbb{H}$	+	H	+	H	+	Н	+	+	H
				H	+	+		$\pm$	士	$\perp$	Ħ			$\pm$		1		#	Ħ	#	Ħ	$\pm$		
Relinquished by:	· Date: Time:											LAB	US	E	REI	MARI	KS:	S	tand	lard	TAT	>		
Relinquished by	Lender V 6-2333	Received by	r:			Dat	te:	Time:			-		ILY		-	RI	USH:	Sar	ne D	ay	24 hr	48	hr 72	2 hr
Toniquisticu by		Silon	leig	ul	4		23	-1	142	+	10000	4:)			[	R	ush (	Charg	es Aı	uthori	ized			
Relinquished by	: Date: Time:	Received by	r. 1			Dat	ie:	Time:			/	82		10		S	pecia	l Rep	ort L	imits	or TR	RP R	eport	

TŁ	Tetra Tech, Inc.				Mid	V Wall Str dland, Tex el (432) 6 ax (432) 6	as 797	701 59																		Je 27 of
ent Name:	EOG	Site Manager:		Britt	any	Long	ı						,	Cir							JES'		No.	)		Page
oject Name:	Convoy Central Release 2		(432) 741 Brittany.lo			ratech	n.cor	<u>n</u>				lı												, 		
ject Location: unty, state)	Lea County, NM	Project #:		2	2120	C-MD-	-029	58								П							(tsi			
oice to:	Attn: Todd Wells												MRO)	3	Ha								fate TDS Chemistry (see attached list)			
ceiving Laborato	ory: Cardinal Labs	Sampler Signa	ature:		Jorg	e Fer	nand	dez				_	ORO-1	00 40	Pb Se				52				soe att			
mments:												8260B	DRO -	Č	a Cd C	Ш		624	70C/62				TDS mistry (	9		
0772074		SAMP	LING	MA	(TRI)	х		RVATIVI THOD	E	RS	(Z	X 8021B BTEX 82	8015M (GRO-DRO-ORO-MRO)	0 0 0	g As Ba		olatiles	260B /	Vol. 82	809	(S)		Sulfate	Balance		
233284 LAB#	SAMPLE IDENTIFICATION	YEAR: 2023		~	T	T	П			CONTAINERS	ED (Y	021B	15M (	8270C	etals A	olatiles	emi Vo	Vol. 8	Semi.	8082 /	shesto	31 1	3	Cation		
LAB USE ONLY		DATE	TIME	WATER	SOIL	HCL	HNO3			# CON1	FILTERED (Y/N)	BTEX 8021B		PAH 82	TCL P Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP S	GC/MS	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM PLM (Asbestos)	Chlorid	Chloride	Anion/	Щ	1
,	H-1 (3-3.5')	6/21/2023	,		x			x				х	х		$\perp$		Ц	$\perp$	L	Ш	$\perp$	х	$\perp$	$\sqcup$	+	+
	NH-2 (0-1')	6/21/2023			x			x				x	х	Ц	+	$\perp$	Ц	$\perp$	╀	Н	+	Х	$\vdash$	+	$+\!\!+\!\!\!+$	+
	NH-2 (1-1.5')	6/21/2023			x			x				х	х	Ц	1	$\perp$	Ц	+	1	Н	+	×	$\vdash$	++	$+\!\!+\!\!\!+$	+
	MH-2 (2-2.5')	6/21/2023			x	$\perp$	Ш	x				х	х	Н	+	╀	Н	+	$\perp$	Н	+	X	$\vdash$	+	++	+
8	NH-2 (3-3.5')	6/21/2023		Ш	x	$\perp$	Ш	x				х	х	Н	$\perp$	┡	Н	+	$\perp$	Н	+	X	$\vdash$	+	+	+
9 4	NH-3 (0-1')	6/21/2023			x	$\perp$	Ш	x				х	Х	Н	+	$\perp$	Н	+	+	Н	+	X	H	+	$+\!\!+\!\!\!+$	+
	NH-4 (0-1')	6/21/2023		Ц	x	$\perp$	Ш	x				х	х	Н	4	$\perp$	Н	+	+	Н	+	X	$\vdash$	+	+	+
	NH-4 (1-1.5')	6/21/2023		Ш	x	$\perp$	Ш	x				x	Х	Н	+	$\perp$	Н	+	+	H	+	X	H	H	+	+
12 1	AH-4 (2-2.5')	6/21/2023		Ц	x	$\perp$	Ш	x		_	_	X	х	Н	+	$\perp$	Н	+	+	H	+	X	$\vdash$	+	+	+
	AH-5 (0-1')	6/21/2023			х			x				X	Х	Ц		DE	MA	RKS		Ct	and.	X	TAT	+		
elinquished by:	Date: Time:  Language Date: Time:  Date: Time:	Received by	r.			Da	ate:	Tim	e:	1121	1	Sam		ILY					(						nr 72	hr
Ei-b-ad bur	Date: Time:	Received by	duc	ne	el	/	(diate:	3/23 Tim		424	-	a	40	he	10		_				s Aut					
linquished by:	Date.				0							15	1c	#	113	3	Ш	Spec	cial F	Repo	rt Lin	nits o	or TR	RP R	eport	

TŁ	Tetra Tech, Inc.			\$	Mid Te	Wall St dland, Tex el (432) 6 ax (432) 6	kas 797 882-458	701 59																		<b>J</b> ye 28 of
ent Name:	EOG	Site Manager:		Britta	any	Long	1						_	Cir							JES1		No.	)		- Bage
oject Name:	Convoy Central Release 2		(432) 741 Brittany.k			atech	n.cor	m				1														
oject Location: ounty, state)	Lea County, NM	Project #:		2	120	C-MD	-029	958								Ш							(st)			
roice to:	Attn: Todd Wells									` .			ARO)	3	E H								Sulfate TDS Water Chemistry (see attached list)			
ceiving Laborate		Sampler Signa	iture:	J	lorge	e Fer	nan	dez					ORO-N	100	r Pb Se				52				see att			
omments:												( 8260B	DRO - (	0	a Cd C	П		624	270C/62				TDS mistry (	9		
123328W		SAMP	LING	MA	TRIX	x		ERVATIV	E	RS	(N)	BTEX 82	8015M ( GRO - DRO - ORO - MRO)		Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	olatiles	8260B/	GC/MS Semi. Vol. 8270C/625	809	(sc		Sulfate	Balance		
LAB#	SAMPLE IDENTIFICATION	YEAR: 2023		~						CONTAINERS	FILTERED (Y/N)	X 8021B	015M (	8270C	Metals A	Volatile	Semi V	S Vol. 8	3 Semi.	PCB's 8082 / 608	NORM PLM (Asbestos)		de S	/Cation		
LAB USE )		DATE	TIME	WATER	SOIL	보	HNO3	ICE		# CON	FILTE	BTEX 8021B	TPH 8	PAH 8	TCLP	TCLP	TCLP	GC/MS	GC/M8	PCB's	PLM (A	Chloride	Chloride	Anion	Ш	1
,	H-1	6/21/2023		×	$\neg$			х				х	х	Ц	$\perp$	Ш	Ц	$\perp$	L	Н	$\perp$	х	+	$\mathbb{H}$	+	1
	<del>1</del> -2	6/21/2023		×	<		Ш	x				x	Х	Н	+	$\perp$	Н	+	$\perp$	H	+	×	+	H	+	+
	1-3	6/21/2023		X	<	$\perp$	Ш	х		_		×	×	Н	+	$\perp$	Н	+	+	Н	+	X	+	+	+	$\dashv$
-	1-4	6/21/2023		L ×	× L	_	Ш	x		_	_	×	X	Н	+	╀	Н	+	+	Н	+	×	+	++	+	+
18	H-5	6/21/2023			x L	$\perp$	Н	x		_		X	X	Н	+	+	Н	+	+	Н	+	×	+	₩	+	$\vdash$
	H-6	6/21/2023			x L	$\perp$	Н	x		_	_	×	×	Н	+	+	Н	+	+	H	+	×	+	+	+	$\vdash$
20	H-7	6/21/2023		<u> </u>	× L	_	Н	х		_	_	X	X	Н	+	+	Н	+	+	Н	+	X	+	+	+	$\vdash$
	AH-1 (0-1')	6/21/2023		1	× L	_	Н	X		_	_	X	×	Н	+	+	Н	+	+	Н	+	X	H	+	+	$\vdash$
22	AH-1 (1-1.5")	6/21/2023		)	X	$\perp$	Н	X		_	_	X	X	Н	+	+	Н	+	+	Н	+	Х	H	+	+	$\vdash$
23	AH-1 (2-2.5')	6/21/2023		)	x			X				X	X	Ш	_	RE	MAI	RKS	: (	Sta	nds	ard 7	TAT	-	$\perp$	
elinquished by:	Lander V. 6-23-23	Received by	leion	Ne s	4		ate:	Tim 383		1421	+		ple Te	NLY	rature	9	X	RUS	H:	Sam		ıy 2	24 hr		hr 72	hr
linquished by:	: Date: Time:	Received by	r.	(	1		ate:	Tim					8:				П	Spec	cial f	Repo	rt Lir	nits c	or TR	RP R	eport	



June 28, 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 06/23/23 14:24.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Received: 06/23/2023 Sampling Date: 06/21/2023 Reported: 06/28/2023 Sampling Type: Soil

Project Name: CONVOY CENTRAL CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shalyn Rodriguez

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: BH - 1 (2.0') (H233287-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2023	ND	2.31	116	2.00	5.00	
Toluene*	<0.050	0.050	06/26/2023	ND	2.29	114	2.00	6.16	
Ethylbenzene*	<0.050	0.050	06/26/2023	ND	2.16	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	06/26/2023	ND	6.68	111	6.00	6.07	
Total BTEX	<0.300	0.300	06/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/26/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2023	ND	175	87.6	200	3.26	
DRO >C10-C28*	<10.0	10.0	06/26/2023	ND	180	89.8	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	06/26/2023	ND					
Surrogate: 1-Chlorooctane	111 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### **Notes and Definitions**

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories \*=Accredited Analyte

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

Celeg D. Freene

TŁ	Tetra Tech, Inc.				Mid	/ Wall Str dland, Tex el (432) 6 ex (432) 6	as 7970 82-4559	1																		Page 4 of 4
ent Name:	EOG	Site Manager:		Britt	tany	Long							,	Cir							JES'		No	)		Pa
oject Name:	Convoy Central CTB		(432) 741 Brittany.lo			atech	.com						ΙÌ											ĺΙ		
oject Location: ounty, state)	Lea County, NM	Project #:		2	2120	C-MD	-0295	8															liet)	20		
oice to:	Attn: Todd Wells												ARO)	1	Hg Hg								il bodoctto	20100		
ceiving Laboratory:	Cardinal Labs	Sampler Signa	ature:		Jorg	e Fer	nand	ez			$\exists$	_	ORO-N	100	Pb Se				22							
mments:												X 8260B C35)	DRO - (	0	a Cd C			624	270C/62				TDS	chemistry (see		
		SAMP	LING	MA	ATRIX	x		RVATIVE		RS	(\( \lambda \)	BTE)	GRO-		Ag As Ba	s	olatiles	3260B/	Vol. 8	809	(SC		Sulfate	Balan		
233387 LAB#	SAMPLE IDENTIFICATION	YEAR: 2023 Ш	ш	WATER	<u>_</u>	۳.	HNO3			CONTAINERS	E E	BTEX 8021B TPH TX1005		H 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	LP Semi V	MS Vol. 8	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM PLM (Asbesto		Chloride	General Water Chemi Anion/Cation Balance		
ONLY )		DATE	TIME		X SOIL	모	NH S		-	#		X BTE	T T	PA	2 2	10	2	SC AC	100	2	ž d	ъ х	0	5 4	+	$\dashv$
BH-1	(2.0')	6/21/2023			$^{\uparrow}$	$\pm$	T								1			1	İ	П	1	П	1	П	$\perp$	П
				Н	+	+	H	H	_	$\vdash$	-	+	$\vdash$	Н	+	Н	Н	+	+	Н	+	H	+	$\mathbb{H}$	+	H
		+		H	+	+	H	$\forall$				$\top$	T		$\pm$			$^{\dagger}$	İ		士	Ħ		廿		口
				П	1	T	П	$\prod$				4	-	Н	$\perp$	$\vdash$	Н	+	+	$\mathbb{H}$	+	$\mathbb{H}$	Н	+	+	Н
		_		Н	+	+	H	+		$\vdash$	$\dashv$	$\forall$	+	Н	+	+	Н	+	$\dagger$	H	$\pm$	$\forall$		$\top$		
						$^{\perp}$	$\parallel$	$\parallel$				П	I	П	1	I	П	1	I	Н	$\perp$	$\perp$		$\perp$		Н
Relinquished by:	Date: Time:			Ш			Ш					L		US		RE	MA	RKS	: (	Sta	anda	ard T	TAT	>		
delipquished by:	Fernidez V. 6-23-3. Date: Time:	Received by	dia.	24	10	Da	te:	Time		(424	ļ	Samp	ole Te	empe	rature	1	ш							48	hr 72	! hr
elinquished by:	Date: Time:	Received by	<u>uell</u>	10	l	Da	ite:	Time		[0]		1	/	-	12		_				s Aut			≀RP R	eport	
						_			-		(	(Circl					<b>6</b>	FEDI	EX	UPS	Tra	acking	#: _			_



July 17, 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 07/12/23 17:09.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

12-Jul-23 17:09

17-Jul-23 08:40



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

## Analytical Results For:

TETRA TECH

BH - 7 (3')

BH - 8 (3')

BH - 9 (3')

BH - 10 ( 2' )

BH - 11 ( 2' )

BH - 12 ( 2' )

BH - 13 ( 2' )

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW - 1	H233581-01	Soil	11-Jul-23 13:00	12-Jul-23 17:09
SW - 2	H233581-02	Soil	11-Jul-23 13:15	12-Jul-23 17:09
SW - 3	H233581-03	Soil	11-Jul-23 13:30	12-Jul-23 17:09
SW - 4	H233581-04	Soil	11-Jul-23 13:45	12-Jul-23 17:09
SW - 5	H233581-05	Soil	11-Jul-23 14:00	12-Jul-23 17:09
SW - 6	H233581-06	Soil	11-Jul-23 14:15	12-Jul-23 17:09
SW - 7	H233581-07	Soil	12-Jul-23 14:30	12-Jul-23 17:09
SW - 8	H233581-08	Soil	12-Jul-23 07:30	12-Jul-23 17:09
SW - 9	H233581-09	Soil	12-Jul-23 07:45	12-Jul-23 17:09
SW - 10	H233581-10	Soil	12-Jul-23 08:00	12-Jul-23 17:09
SW - 11	H233581-11	Soil	12-Jul-23 08:15	12-Jul-23 17:09
SW - 12	H233581-12	Soil	12-Jul-23 08:30	12-Jul-23 17:09
SW - 13	H233581-13	Soil	12-Jul-23 08:45	12-Jul-23 17:09
SW - 14	H233581-14	Soil	12-Jul-23 09:00	12-Jul-23 17:09
BH - 1 ( 1' )	H233581-15	Soil	12-Jul-23 09:15	12-Jul-23 17:09
BH - 2 ( 1' )	H233581-16	Soil	12-Jul-23 09:30	12-Jul-23 17:09
BH - 3 ( 3' )	H233581-17	Soil	12-Jul-23 09:45	12-Jul-23 17:09
BH - 4 ( 3' )	H233581-18	Soil	12-Jul-23 10:15	12-Jul-23 17:09
BH - 5 ( 3' )	H233581-19	Soil	12-Jul-23 10:30	12-Jul-23 17:09
BH - 6 ( 3' )	H233581-20	Soil	12-Jul-23 10:45	12-Jul-23 17:09

Cardinal Laboratories \*=Accredited Analyte

Soil

Soil

Soil

Soil

Soil

Soil

Soil

12-Jul-23 11:00

12-Jul-23 11:30

12-Jul-23 13:00

12-Jul-23 13:15

12-Jul-23 13:30

12-Jul-23 13:45

12-Jul-23 14:00

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

H233581-21

H233581-22

H233581-23

H233581-24

H233581-25

H233581-26

H233581-27



# Analytical Results For:

TETRA TECH Project: CONVOY CENTRAL CTB Reported: 901 WEST WALL STREET, STE 100 Project Number: 212C-MD-02958 17-Jul-23 08:40

MIDLAND TX, 79701 Project Manager: BRITTANY LONG
Fax To: (432) 682-3946

BH - 14 ( 3' ) H233581-28 Soil 12-Jul-23 14:30 12-Jul-23 17:09

07/17/23 - Client added BTEX to all samples (see COC). This is the revised report and will replace the one sent on 07/14/23.

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine

17-Jul-23 08:40



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

## Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

# SW - 1 H233581-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	3071350	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds by I	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5	-134	3071412	MS	14-Jul-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0	•	10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			109 %	48.2	-134	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			116 %	49.1	-148	3071320	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene

17-Jul-23 08:40



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

## Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

SW - 2 H233581-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	176		16.0	mg/kg	4	3071350	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5	-134	3071412	MS	14-Jul-23	8021B	
Petroleum Hydrocarbons by Go	C <b>FID</b>									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			114 %	48.2	-134	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			125 %	49.1	-148	3071320	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celeg D. Keene

17-Jul-23 08:40



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

# Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

SW - 3 H233581-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	3071350	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds l	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	)		109 %	71.5	-134	3071412	MS	14-Jul-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			114 %	48.2	-134	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			124 %	49.1	-148	3071320	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene

17-Jul-23 08:40



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

# Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

SW - 4 H233581-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3071350	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5	-134	3071412	MS	14-Jul-23	8021B	
Petroleum Hydrocarbons by GC	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			109 %	48.2	-134	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			116 %	49.1	-148	3071320	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



## Analytical Results For:

TETRA TECH

901 WEST WALL STREET , STE  $100\,$ 

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

Reported: 17-Jul-23 08:40

# SW - 5 H233581-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3071350	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5	-134	3071412	MS	14-Jul-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			115 %	48.2	-134	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			124 %	49.1	-148	3071320	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine

17-Jul-23 08:40



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

## Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

SW - 6 H233581-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	3071350	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	)		108 %	71.5	-134	3071412	MS	14-Jul-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			119 %	48.2	-134	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			128 %	49.1	-148	3071320	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager

17-Jul-23 08:40



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

# Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

SW - 7 H233581-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	240		16.0	mg/kg	4	3071350	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		107 %	71.5	-134	3071412	MS	14-Jul-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			109 %	48.2	-134	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			117 %	49.1	-148	3071320	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene

17-Jul-23 08:40



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

## Analytical Results For:

TETRA TECH

 $901~\mbox{WEST}$  WALL STREET , STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

SW - 8 H233581-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	3071350	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		106 %	71.5	-134	3071412	MS	14-Jul-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			105 %	48.2	-134	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			112 %	49.1	-148	3071320	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene

17-Jul-23 08:40



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

## Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

SW - 9 H233581-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	3071350	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		109 %	71.5	-134	3071412	MS	14-Jul-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			111 %	48.2	-134	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			119 %	49.1	-148	3071320	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene

17-Jul-23 08:40



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

## Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

SW - 10 H233581-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	3071350	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		108 %	71.5	-134	3071412	MS	14-Jul-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			114 %	48.2	-134	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			122 %	49.1	-148	3071320	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celeg D. Keene

17-Jul-23 08:40



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

# Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

SW - 11 H233581-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	3071350	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	)		107 %	71.5	-134	3071412	MS	14-Jul-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			120 %	48.2	-134	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			128 %	49.1	-148	3071320	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene

17-Jul-23 08:40



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

## Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

SW - 12 H233581-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	3071350	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	(D)		108 %	71.5	-134	3071412	MS	14-Jul-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			114 %	48.2	-134	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			123 %	49.1	-148	3071320	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene

17-Jul-23 08:40



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

## Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

SW - 13 H233581-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3071350	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds h	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			108 %	71.5	-134	3071412	MS	14-Jul-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			114 %	48.2	-134	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			122 %	49.1	-148	3071320	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

17-Jul-23 08:40



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

## Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

SW - 14

H233581-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3071350	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			111 %	71.5	-134	3071412	MS	14-Jul-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			120 %	48.2	-134	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			130 %	49.1	-148	3071320	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

17-Jul-23 08:40



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

## Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

BH-1 (1')

H233581-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3071350	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		108 %	71.5	-134	3071412	MS	14-Jul-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			113 %	48.2	-134	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			120 %	49.1	-148	3071320	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



## Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

Reported: 17-Jul-23 08:40

BH - 2 (1')

H233581-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	3071350	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	١		106 %	71.5	-134	3071412	MS	14-Jul-23	8021B	
Petroleum Hydrocarbons by G	SC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			109 %	48.2	-134	3071320	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			116 %	49.1	-148	3071320	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene

17-Jul-23 08:40



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

## Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

BH-3 (3')

H233581-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	3071350	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	)		111 %	71.5	-134	3071412	MS	14-Jul-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071320	MS	14-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071320	MS	14-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071320	MS	14-Jul-23	8015B	
Surrogate: 1-Chlorooctane			103 %	48.2	-134	3071320	MS	14-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			109 %	49.1	-148	3071320	MS	14-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

Reported: 17-Jul-23 08:40

BH-4 (3')

H233581-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	3071350	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method S	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5	-134	3071412	MS	14-Jul-23	8021B	
Petroleum Hydrocarbons by Go	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071320	MS	14-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071320	MS	14-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071320	MS	14-Jul-23	8015B	
Surrogate: 1-Chlorooctane			110 %	48.2	-134	3071320	MS	14-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			117 %	49.1	-148	3071320	MS	14-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

17-Jul-23 08:40



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

## Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

BH-5 (3')

H233581-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	3071350	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071412	MS	14-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		108 %	71.5	-134	3071412	MS	14-Jul-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071320	MS	14-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071320	MS	14-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071320	MS	14-Jul-23	8015B	
Surrogate: 1-Chlorooctane			105 %	48.2	-134	3071320	MS	14-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			110 %	49.1	-148	3071320	MS	14-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



## Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

17-Jul-23 08:40

Reported:

BH - 6 (3')

H233581-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	3071351	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071412	MS	15-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071412	MS	15-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071412	MS	15-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071412	MS	15-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071412	MS	15-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5	-134	3071412	MS	15-Jul-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071320	MS	14-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071320	MS	14-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071320	MS	14-Jul-23	8015B	
Surrogate: 1-Chlorooctane			103 %	48.2	-134	3071320	MS	14-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			111 %	49.1	-148	3071320	MS	14-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene

17-Jul-23 08:40



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

# **Analytical Results For:**

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

BH - 7 (3')

H233581-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	96.0		16.0	mg/kg	4	3071351	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5-	-134	3071413	MS	15-Jul-23	8021B	
Petroleum Hydrocarbons by Go	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071251	MS	13-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071251	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071251	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			90.9 %	48.2-	-134	3071251	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			99.9 %	49.1-	-148	3071251	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



## Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

Reported: 17-Jul-23 08:40

BH-8 (3')

H233581-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	144		16.0	mg/kg	4	3071351	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5	-134	3071413	MS	15-Jul-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071251	MS	13-Jul-23	8015B	
DRO >C10-C28*	77.9		10.0	mg/kg	1	3071251	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	27.3		10.0	mg/kg	1	3071251	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			103 %	48.2	-134	3071251	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			120 %	49.1	-148	3071251	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

17-Jul-23 08:40



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

## Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

BH-9 (3')

H233581-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	112		16.0	mg/kg	4	3071351	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (Pi	TD)		104 %	71.5	-134	3071413	MS	15-Jul-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071251	MS	13-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071251	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071251	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			101 %	48.2-	-134	3071251	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			113 %	49.1	-148	3071251	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



## Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

Reported: 17-Jul-23 08:40

BH - 10 ( 2' )

H233581-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	3071351	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method S	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5	-134	3071413	MS	15-Jul-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071251	MS	13-Jul-23	8015B	
DRO >C10-C28*	12.2		10.0	mg/kg	1	3071251	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071251	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			97.2 %	48.2	-134	3071251	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			110 %	49.1	-148	3071251	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Reported:

17-Jul-23 08:40



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

### Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

BH - 11 (2')

H233581-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	560		16.0	mg/kg	4	3071351	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5	-134	3071413	MS	15-Jul-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071251	MS	13-Jul-23	8015B	
DRO >C10-C28*	26.4		10.0	mg/kg	1	3071251	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071251	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			93.0 %	48.2	-134	3071251	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			113 %	49.1	-148	3071251	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celeg D. Keine

Reported:

17-Jul-23 08:40



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

### Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

BH - 12 ( 2' )

H233581-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	3071351	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5	-134	3071413	MS	15-Jul-23	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071251	MS	13-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071251	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071251	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			103 %	48.2	-134	3071251	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			122 %	49.1	-148	3071251	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



## Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

Reported: 17-Jul-23 08:40

BH - 13 (2')

H233581-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	192		16.0	mg/kg	4	3071351	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	))		103 %	71.5	-134	3071413	MS	15-Jul-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071302	MS	13-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071302	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071302	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			97.1 %	48.2	-134	3071302	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			113 %	49.1	-148	3071302	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Reported:

17-Jul-23 08:40



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

### Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

BH - 14 ( 3' )

H233581-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	144		16.0	mg/kg	4	3071351	AC	13-Jul-23	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3071413	MS	15-Jul-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.4 %	71.5	-134	3071413	MS	15-Jul-23	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3071302	MS	13-Jul-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3071302	MS	13-Jul-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3071302	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctane			96.4 %	48.2	-134	3071302	MS	13-Jul-23	8015B	
Surrogate: 1-Chlorooctadecane			111 %	49.1	-148	3071302	MS	13-Jul-23	8015B	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



## Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

Reported: 17-Jul-23 08:40

## **Inorganic Compounds - Quality Control**

#### **Cardinal Laboratories**

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3071350 - 1:4 DI Water										
Blank (3071350-BLK1)				Prepared &	Analyzed:	13-Jul-23				
Chloride	ND	16.0	mg/kg							
LCS (3071350-BS1)				Prepared &	Analyzed:	13-Jul-23				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3071350-BSD1)				Prepared &	Analyzed:	13-Jul-23				
Chloride	448	16.0	mg/kg	400		112	80-120	3.64	20	
Batch 3071351 - 1:4 DI Water										
Blank (3071351-BLK1)				Prepared &	Analyzed:	13-Jul-23				
Chloride	ND	16.0	mg/kg							
LCS (3071351-BS1)				Prepared &	Analyzed:	13-Jul-23				
Chloride	400	16.0	mg/kg	400		100	80-120			
LCS Dup (3071351-BSD1)				Prepared &	Analyzed:	13-Jul-23				
Chloride	432	16.0	mg/kg	400		108	80-120	7.69	20	

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



## **Analytical Results For:**

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG Fax To: (432) 682-3946 Reported: 17-Jul-23 08:40

## Volatile Organic Compounds by EPA Method 8021 - Quality Control

#### **Cardinal Laboratories**

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch	30714	12 - V	olatiles

Blank (3071412-BLK1)				Prepared & Anal	yzed: 14-Jul-23				
Benzene	ND	0.050	mg/kg						
Toluene	ND	0.050	mg/kg						
Ethylbenzene	ND	0.050	mg/kg						
Total Xylenes	ND	0.150	mg/kg						
Total BTEX	ND	0.300	mg/kg						
Surrogate: 4-Bromofluorobenzene (PID)	0.0536		mg/kg	0.0500	107	71.5-134			
LCS (3071412-BS1)				Prepared & Anal	yzed: 14-Jul-23				
Benzene	2.14	0.050	mg/kg	2.00	107	82.8-130			
Toluene	2.14	0.050	mg/kg	2.00	107	86-128			
Ethylbenzene	2.03	0.050	mg/kg	2.00	101	85.9-128			
m,p-Xylene	4.26	0.100	mg/kg	4.00	106	89-129			
o-Xylene	2.04	0.050	mg/kg	2.00	102	86.1-125			
Total Xylenes	6.30	0.150	mg/kg	6.00	105	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0537		mg/kg	0.0500	107	71.5-134			
LCS Dup (3071412-BSD1)				Prepared & Anal	yzed: 14-Jul-23				
Benzene	2.13	0.050	mg/kg	2.00	107	82.8-130	0.601	15.8	
Toluene	2.08	0.050	mg/kg	2.00	104	86-128	2.79	15.9	
Ethylbenzene	2.06	0.050	mg/kg	2.00	103	85.9-128	1.61	16	
m,p-Xylene	4.28	0.100	mg/kg	4.00	107	89-129	0.673	16.2	
o-Xylene	2.04	0.050	mg/kg	2.00	102	86.1-125	0.282	16.7	
Total Xylenes	6.32	0.150	mg/kg	6.00	105	88.2-128	0.364	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0526		mg/kg	0.0500	105	71.5-134			

### Batch 3071413 - Volatiles

Blank (3071413-BLK1)			Prepared: 14-Jul-23 Analyzed: 15-Jul-23
Benzene	ND	0.050	mg/kg
Toluene	ND	0.050	mg/kg
Ethylbenzene	ND	0.050	mg/kg
Total Xylenes	ND	0.150	mg/kg
Ethylbenzene	ND	0.050	mg/kg

## Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



%REC

## Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Spike

Source

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

Reported: 17-Jul-23 08:40

RPD

#### Volatile Organic Compounds by EPA Method 8021 - Quality Control

#### **Cardinal Laboratories**

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3071413 - Volatiles										
Blank (3071413-BLK1)				Prepared: 1	4-Jul-23 A	nalyzed: 15	5-Jul-23			
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0521		mg/kg	0.0500		104	71.5-134			
LCS (3071413-BS1)				Prepared: 1	4-Jul-23 A	nalyzed: 15	5-Jul-23			
Benzene	2.02	0.050	mg/kg	2.00		101	82.8-130			
Toluene	1.98	0.050	mg/kg	2.00		98.8	86-128			
Ethylbenzene	1.89	0.050	mg/kg	2.00		94.6	85.9-128			
m,p-Xylene	3.83	0.100	mg/kg	4.00		95.8	89-129			
o-Xylene	1.88	0.050	mg/kg	2.00		94.1	86.1-125			
Total Xylenes	5.71	0.150	mg/kg	6.00		95.2	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0485		mg/kg	0.0500		97.0	71.5-134			
LCS Dup (3071413-BSD1)				Prepared: 1	4-Jul-23 A	nalyzed: 15	5-Jul-23			
Benzene	2.03	0.050	mg/kg	2.00		101	82.8-130	0.399	15.8	
Toluene	1.97	0.050	mg/kg	2.00		98.6	86-128	0.184	15.9	
Ethylbenzene	1.92	0.050	mg/kg	2.00		95.8	85.9-128	1.21	16	
m,p-Xylene	3.91	0.100	mg/kg	4.00		97.7	89-129	1.97	16.2	
p-Xylene	1.93	0.050	mg/kg	2.00		96.4	86.1-125	2.33	16.7	
Total Xylenes	5.83	0.150	mg/kg	6.00		97.2	88.2-128	2.09	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0489		mg/kg	0.0500		97.7	71.5-134			

Cardinal Laboratories \*=Accredited Analyte

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

Celeg D. Keine



%REC

### Analytical Results For:

TETRA TECH

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Spike

Source

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

Reported: 17-Jul-23 08:40

RPD

#### Petroleum Hydrocarbons by GC FID - Quality Control

#### **Cardinal Laboratories**

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3071251 - General Prep - Organics										
Blank (3071251-BLK1)				Prepared: 1	12-Jul-23 A	nalyzed: 13	3-Jul-23			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	41.2		mg/kg	49.6		83.2	48.2-134			
Surrogate: 1-Chlorooctadecane	49.2		mg/kg	50.0		98.4	49.1-148			
LCS (3071251-BS1)				Prepared: 1	12-Jul-23 A	nalyzed: 13	3-Jul-23			
GRO C6-C10	201	10.0	mg/kg	200		101	66.4-123			
DRO >C10-C28	214	10.0	mg/kg	200		107	66.5-118			
Total TPH C6-C28	416	10.0	mg/kg	400		104	77.6-123			
Surrogate: 1-Chlorooctane	57.6		mg/kg	49.6		116	48.2-134			
Surrogate: 1-Chlorooctadecane	67.1		mg/kg	50.0		134	49.1-148			
LCS Dup (3071251-BSD1)				Prepared: 1	12-Jul-23 A	nalyzed: 13	3-Jul-23			
GRO C6-C10	183	10.0	mg/kg	200		91.3	66.4-123	9.76	17.7	
DRO >C10-C28	195	10.0	mg/kg	200		97.3	66.5-118	9.63	21	
Total TPH C6-C28	377	10.0	mg/kg	400		94.3	77.6-123	9.70	18.5	
Surrogate: 1-Chlorooctane	57.7		mg/kg	49.6		116	48.2-134			
Surrogate: 1-Chlorooctadecane	73.4		mg/kg	50.0		147	49.1-148			
Batch 3071302 - General Prep - Organics										
Blank (3071302-BLK1)				Prepared &	ե Analyzed:	13-Jul-23				
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	71.3		mg/kg	49.6		144	48.2-134			S-04

Cardinal Laboratories \*=Accredited Analyte

mg/kg

50.0

178

49.1-148

88.8

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

Celey D. Keene

Surrogate: 1-Chlorooctadecane

Celey D. Keene, Lab Director/Quality Manager

S-04



%REC

66.5-118

77.6-123

48.2-134

49.1-148

108

107

120

140

## Analytical Results For:

**TETRA TECH** 

DRO >C10-C28

Total TPH C6-C28

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Project: CONVOY CENTRAL CTB

Spike

Source

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

Reported: 17-Jul-23 08:40

RPD

#### Petroleum Hydrocarbons by GC FID - Quality Control

#### **Cardinal Laboratories**

Reporting

216

428

59 5

70.1

10.0

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3071302 - General Prep - Organics										
LCS (3071302-BS1)				Prepared &	k Analyzed:	13-Jul-23				
GRO C6-C10	189	10.0	mg/kg	200		94.6	66.4-123			
DRO >C10-C28	223	10.0	mg/kg	200		112	66.5-118			
Total TPH C6-C28	413	10.0	mg/kg	400		103	77.6-123			
Surrogate: 1-Chlorooctane	46.0		mg/kg	49.6		92.9	48.2-134			
Surrogate: 1-Chlorooctadecane	49.0		mg/kg	50.0		98.1	49.1-148			
LCS Dup (3071302-BSD1)				Prepared &	t Analyzed:	13-Jul-23				
GRO C6-C10	220	10.0	mg/kg	200		110	66.4-123	15.3	17.7	
DRO >C10-C28	224	10.0	mg/kg	200		112	66.5-118	0.285	21	
Total TPH C6-C28	445	10.0	mg/kg	400		111	77.6-123	7.47	18.5	
Surrogate: 1-Chlorooctane	45.6		mg/kg	49.6		92.0	48.2-134			
Surrogate: I-Chlorooctadecane	48.7		mg/kg	50.0		97.5	49.1-148			
Batch 3071320 - General Prep - Organics										
Blank (3071320-BLK1)				Prepared &	k Analyzed:	13-Jul-23				
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	55.5		mg/kg	49.6		112	48.2-134			
Surrogate: 1-Chlorooctadecane	60.4		mg/kg	50.0		121	49.1-148			
LCS (3071320-BS1)				Prepared: 1	13-Jul-23 A	nalyzed: 14	4-Jul-23			
GRO C6-C10	212	10.0	mg/kg	200		106	66.4-123			

Cardinal Laboratories \*=Accredited Analyte

mg/kg

mg/kg

mg/kg

mg/kg

200

49 6

50.0

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence are any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether su claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keens



%REC

Limits

49.1-148

RPD

### Analytical Results For:

TETRA TECH

Analyte

901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Surrogate: 1-Chlorooctadecane

Project: CONVOY CENTRAL CTB

Spike

Level

50.0

Source

Result

%REC

Project Number: 212C-MD-02958

Project Manager: BRITTANY LONG

Fax To: (432) 682-3946

Reported: 17-Jul-23 08:40

RPD

Limit

Notes

#### Petroleum Hydrocarbons by GC FID - Quality Control

#### **Cardinal Laboratories**

Units

Reporting

Limit

Result

73.0

Batch 3071320 - General Prep - Organics									
LCS Dup (3071320-BSD1)				Prepared & An	alyzed: 13-Jul-23				
GRO C6-C10	215	10.0	mg/kg	200	108	66.4-123	1.41	17.7	
DRO >C10-C28	213	10.0	mg/kg	200	107	66.5-118	1.28	21	
Total TPH C6-C28	428	10.0	mg/kg	400	107	77.6-123	0.0621	18.5	
Surrogate: 1-Chlorooctane	64.2		mg/kg	49.6	130	48.2-134			

mg/kg

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### **Notes and Definitions**

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



# CHAIN-OF-CUSTODY AND ANALYS S REQUEST

41

Page 39 of

101 East Marland, Hobbs, NM 88240 (ETE) 202 2226 EAY (575) 393-2476

	(575) 393-2326 FAX (575) 393-24	10						a second	211		TO		18 19 31					A	NAL	YSIS	SRI	EQU	EST				_
Company Name:	Tetra Tech							-	BIL	L	10			6		Т	$\neg$	1	,			T	T	T	T		$\neg$
Project Manager:							.0. #						$\dashv$	+ 0 RO				. 1	4			1					1
Address: 901	11 111151	- Major				c	omp	any	E	)G	Re	250	unes	+0				40								- 1	١
city: Middle		Zip:	795	70	1	A	ttn:	To	dd	1	Ne	115		DRO			N	2									١
	Fax #:		-	1			ddre										-	2									١
Phone #:							City:							+	-		7	-								- 1	١
Project #: '	C-MD-02958 Project Owner					-	State		,	Zip:				2			1	-					1	1		- 1	
Project Name:	Convoy CTB Release	56				- 1	Phon			6.				9		1	-	_				1					
Project Location						-								-			3	31									
Sampler Name:	van Ramas		_	•	ATRIX	_	ax #	RESE	RV	,	SAM	PLIN	G	5	1	7	7	addied						- 1			
FOR LAB USE ONLY				IVI	AIRIA		T	LOL						8015	-	3		3									
		(C)OMP	监	~			1							8	1	_		۷ ا									
		(G)RAB OR (C)C # CONTAINERS	GROUNDWATER	WASTEWATER			ú	<i>ا</i> ا						HA	1000	2	l i	BIEX						- 1			
Lab I.D.	Sample I.D.	N E	NDV	EWA		E E	0	000	٠ د					1	_	<b>\</b>		0			1						
,		(G)RAB	S	AST	OIL	SLUDGE	OTHER:	E/C	OTHER	١,	DATE	١,	ТІМЕ	1													
H23 3581		9 #	G	3	OF SO	S	0	5 0	O	D	I. I	-		V	1 x	•		X									
1	SW-1		-				+	X		1	11/7:	/	3,00	1	17	-		1									
3	5W-2	$\Box$	1		1		+	+	-	4	11/2	3 1	3:1/5	1	-	H											
3	SW-3	$\perp$	1	-	1		+	+		7/	1423	3	5.30		+	$\Box$											
4	5W-4	$\Box$	-				-	$\mathbb{H}$	+	12/	147	3 1	5,45			Н		1									
5	5W-5	$\sqcup$	1			-	$\vdash$	+	+	7	11/2	3	7,00		+	H				1							
6	5W-6	$\sqcup$		1		-			-	7	41/3	3 1	4,15		+	$\vdash$		1									
7	5W-17				-				+	7	112/2	13 /	4.50	4	+	Н		+		+							
8	3/N-8								-	1	1		1,30	1	+	1		+	-	-	+		1				
9	5\N-9					-			1	1	1	1	7,45	1	1	V			-	+	+	_					
10	5W-10		V		V			- h = 11 *	V limite d	I to the	y amount	naid by	the client for	or the													
	and Damages Cardinal's liability and client's exclusive remedy for	any claim a	rising w	hether b	ased in o	contract	or tort,	shall be	e iimited	to the	annount	offer cor	molation of	the appl	icable												

analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the appliance. rental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

service. In no event shall Cardinal be liable for incidental or cons	equental darriages, including m	dinal, regardless of whether such claim is based upon any of the above stated rea	No-bal Recult:
affiliates or successors arising out of or related to the performance	e or services mercanize		
Relinquished By:		Received By:	All Results are emailed. Please provide Email address:
Tomiquionea = 7.	7-12-23	In sola Illa Hull	
	Time:	4/11/1/10/0/6 1/1/10/00/27 100	
Moure Changes	77090	unulling lenge	
	101	Received By:	REMARKS:
Relinguished By:	Date:	Received by.	
l	Time:		
		/	Turnaround Time: Standard Bacteria (only) Sample Condition
- " ID (Oingle One)	bserved Temp. °C	Sample Condition	Tullial Out of Tomp of
Delivered By: (Circle One)	bacived remp. 0	(Initials)	Full Athles Diver Diver
		The Tables	Thermometer ID *#TT3 / Town °C
Sampler - UPS - Bus - Other:	orrected Temp. °C	□ No □ No	Correction Factor 0.6°0 7° 7/12/23 No No Corrected Temp. C
		NO NO	

Company Name:

Project Manager:



# CHAIN-OF-CUSTODY AND ANALYS S REQUEST

ANALYSIS REQUEST

Page 40 of 41

Released to Imaging: 2/6/2024 1:23:40 PM

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

Address:	land wall	State: X Zip	. 1	291	71		A	ttn:	7	1	LA	W	ell	15	4				M								1
,,,,	land			-	VV				ress		VUC				N				101	- 1	- 1						-
Phone #:		Fax #:								-									士	- 1							- 1
Project #: 2[2	LC-MD-02959	Project Owner:						City:			7:-				RO+DR			1-	7	- 1							١
	Convoy CT	B Releas	, &				-	State			Zip	<b>)</b> .			GR				,								- 1
Project Location		I A A A					-		ne #	:					2	)			0								
Sampler Name:	Lvan Ran	105					_	ax	-	EDI	,1	SAR	MPLI	NG	510	(	2		3							.	
FOR LAB USE ONLY					M	ATRIX	(	ľ	PRES	ERV	1	JAI			0		22		0								
		JAM D		œ				١			1				00	r	Sign		0								
		.D.	# CONTAINERS	GROUNDWATER	WASTEWATER			١	úi .		١				4		0 1		×								
Lab I.D.	Sample I	. <b>D</b> . ් දි	AN	Š	W		ш	اي	ACID/BASE	5 .					1	-	2		ب								
		A A B A B	NO NO	S S	STE	┙.	SLUDGE	빞	B/G	CE/CO				TIME	H	0	3		0								Ш
H233581		9	#	GR	N S	0 0	SL	6	A S	CE/COOL	5	DATE	-	TIME	1		V	-+	V		_						
11	5W-1		1			X				K	-17	1/17	13	8:15	X	-	~	-	1								
12	SIN-1	2	1		,					1	-	1	+	8:36	+	-	H	-	+								
13	51N-	13								Н	-	-	-	8,45	+	$\vdash$	H	-	1	-							
14	5W-	14									1	_	-	4:00	+	+	H		+	-	1	1	1				
15	BH-1	(11)								1	-	_		9:15	+	+	H		-	-	+		1	1			
1/	R1-	(1)									1	_	-	9:30	+	+	H	-	-	-	+	1	1				
17	BU-	2 (34)									1	-	-	9:45	1	+	H		-	-	+	1					
18	RH-	4/21				1				$\sqcup$	1			10:15		+	H		+	-	+	+	+	_			
19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5/31		,		11				M	-1	1/	_	(0:30	1	+	$\Psi$			-	+	+	+	T			
	BH-	6731)	V			V				V		Y	t poid	by the client	for the	$\perp$	4						_				
PLEASE NOTE: Liability a	and Damages. Cardinal's liability and ding those for negligence and any other	client's exclusive remedy for any c	laim ar	ising what aived ur	nether b	ased in w	contract riting an	d rece	t, shall eived by	be limi	inal with	the amou	s after	completion of	f the applic	able											
service. In no event shall (	ding those for negligence and any other Cardinal be liable for incidental or containing out of or related to the performant	sequental damages, including wit	thout lin	nitation, gardles	busine s of who	ss internether su	uptions, ch claim	loss o	of use, o	or loss on any	of the	above stat	ed reas	sons or other	wise.		Ye	е П	No	Add	'I Phon	ie #:					
Relinquished E	ising out of or related to the periorman	Date:	Rece						1	11	//	/		Verbal R All Resu	Its are	ema	ailed.	Pleas	se pro	vide E	mail ac	Idress	:				
A		7-12-2023		1	101	11/4	HA	11		ih	1	AV															
	Ramos	1109	Rece	pive	I By	w	u i	6	w	ug		ye		REMAR	KS:												- 1
Relinquished E	By:	Date:	11001	0110	,									,													- 1
1		Time:							_			P:		Turnaro	und Tir	me.		Stan	dard		Bac	teria (	only) S	ample	Condition	on	
Delivered By: (	(Circle One)	Observed Temp. °C	4.4	1	San	nple (	Condi	tion	1		ECK (Initi	ED BY		1		#	140				Coo	I Intac	ct	Observ	ed Tem	ıp. °C	
Sampler - UPS		Corrected Temp. °C	/- (		[ <u>V</u>	Yes	ntact Ye	es		9	10	0		Thermon	neter ID on Facto	#1 or -0	13 .6°€	To.	7/12	/23	H	Nc 🗌	No	Correc	ted Ten	np. °C	
	00 R 3.3 07/10/22	† Cardinal ca				NIO		10		Dia	7 -	licmail							nalla	bsnm	.com						
FORW-00	00 IX 0.0 011 10122	† Cardinal ca	nnot	acc	ept	verba	al cha	ang	es.	Plea	ise (	eilidil	Ulidi	inges to	July.												

BILL TO

P.O. #:

Company Name:

Project Manager:



# CHAIN-OF-CUSTODY AND ANALYS S REQUEST

ANALYSIS REQUEST

4

Page 41 of

Released to Imaging: 2/6/2024 1:23:40 PM

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

Address: 90	Wy Wall St Sure T				C	ompa	any:	4	dW	ources	0+0	- 1		M	W.							١
City: Middle	State:	Zip: 7	970	21_				Od,	, d VV	ew	2			10	0							١
Phone #:	Fax #:					ddre	ss:				0			7								١
Project #: 2/20	-MD - 01958 Project Ow	ner:			C	ity:					SR04			1								١
Project Name: (	Convoy CTB Rele Lea County, N	ase			s	tate:		Z	Zip:		0			-								1
Project Location	lea County, NI	M			P	hone	e #:				2			2								1
Sampler Name:	wan Ramos	٧				ax #:			SAMP	ING	2	65		B								١
FOR LAB USE ONLY	William III			MATR	X	PR	ESEF	۲۷.	SAIVIE	LING	0	3		12								١
1		MP	œ			1		١			30	(5		1			1					١
		(C)(ERS	ATE					١			7	0		X			1					١
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS	GROUNDWATER		Щ	OTHER: ACID/BASE	ICE / COOL	~			4	3		B		1	1					١
		RAB ON	STE	=	SLUDGE	E S	E/O	OTHER	DATE	TIME	H	0		8								┛
H233581		(g) #	8 8	S	2 2	5 8	2		DATE		V	10		X								1
	BH-7 (3')			X		+	X		7/12/23		X	X	1	11								
31	BH-8 (3')	11		11	++	+				11:30				11								
23	BH-9 (3")	$\perp \downarrow \downarrow$		111	-	+	+			13.00				H								
a4	BH-(h(2')	$\perp \downarrow \downarrow$		1	-	+	+	H		13,15			1	11								
25	BH-11 (2)2	-		+		+	+	$\vdash$		13:30			1									
26	BH-12 (2°)	-HH		+	-	+	+	-	-	13:49	1		1									
24	BH-13 (2)				_	+	+	1	\/			1		1								
28	3H-14(3)	-   √	1	A		+	V		V	14:3	) -	1	1	1								
	, , , , ,			-		+	+	-	-		+	+	1	+								
					n contract	or tort si	hall be l	imited	to the amount pa	id by the client	or the	_										
analysis All claims includ	and Damages. Cardinal's liability and client's exclusive reme ding those for negligence and any other cause whatsoever a	middle and and and					!	on of n	profite incurred by	client, its subsit	nanco,	able										
service. In no event shall (	fing those for negligence and any other cause whatsoever so Cardinal be liable for incidental or consequental damages, is sing out of or related to the performance of services hereum	der by Cardinal, reg	ardless of	whether s	uch claim	is based	upon a	ny of th	he above stated i	easons of other	locult.	П	/es	□ No	Add	l'I Pho	ne #:					
Relinquished B	By: Date: 7~12-	Rece	ivedE	By:		/		1/	11/	All Resu	Its are	emaile	d. Ple	ase pro	ovide E	mail a	ddress	:				
1		a	10	111/	14/0	16	W	n	BI	1												
Delinguished B		Rece	ived i	Mu By:	u c	-	u		J	REMAR	KS:											
Relinquished E																						
	Time:		1		0	lon	C	HEC	KED BY:	Turnaro	und Tir	ne:	Sta	andard				only) S	ample C	Condition ed Temp.	°C	
Delivered By: (	Circle One) Observed Tem	p. °C 4,4	(	Cool	Condit Intact		C		itials)	Thermon			Ru	sh a	44	Cod	Inta	Yes				
Sampler - UPS	- Bus - Other: Corrected Ten	ıp. °C		Yes	Ye	s	0	V	0.	Thermon Correction	neter ID on Facto	r -0.6°	e 70.	7/12	23		Nc 🗌	No	Correct	ted Temp	). °C	

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

BILL TO

P.O. #:



July 18, 2023

BRITTANY LONG
TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND, TX 79701

RE: CONVOY CTB RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/14/23 17:25.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/14/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Applymed By MC

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 8 (3') (H233666-01)

DTEV 0021D

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.12	106	2.00	0.435	
Toluene*	<0.050	0.050	07/18/2023	ND	2.06	103	2.00	0.429	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	1.99	99.5	2.00	0.0204	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	5.96	99.3	6.00	0.476	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	07/18/2023	ND	448	112	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2023	ND	168	84.1	200	2.75	
DRO >C10-C28*	12.7	10.0	07/17/2023	ND	173	86.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/14/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Analyzed By: MS

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 28 (3.5') (H233666-02)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.12	106	2.00	0.435	
Toluene*	<0.050	0.050	07/18/2023	ND	2.06	103	2.00	0.429	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	1.99	99.5	2.00	0.0204	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	5.96	99.3	6.00	0.476	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/18/2023	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	168	84.1	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	173	86.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/14/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Project Location: EOG LEA COUNTY, NM

### Sample ID: BH - 31 (3') (H233666-03)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.12	106	2.00	0.435	
Toluene*	<0.050	0.050	07/18/2023	ND	2.06	103	2.00	0.429	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	1.99	99.5	2.00	0.0204	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	5.96	99.3	6.00	0.476	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/18/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	168	84.1	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	173	86.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/14/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Project Number: Shari Cisneros 212C-MD-02958 Sample Received By:

Project Location: EOG LEA COUNTY, NM

### Sample ID: BH - 32 (3') (H233666-04)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.12	106	2.00	0.435	
Toluene*	<0.050	0.050	07/18/2023	ND	2.06	103	2.00	0.429	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	1.99	99.5	2.00	0.0204	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	5.96	99.3	6.00	0.476	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/18/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	168	84.1	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	173	86.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.2	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/14/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Analyzed By: MS

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 33 (3') (H233666-05)

BTEX 8021B

	9/	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.12	106	2.00	0.435	
Toluene*	<0.050	0.050	07/18/2023	ND	2.06	103	2.00	0.429	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	1.99	99.5	2.00	0.0204	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	5.96	99.3	6.00	0.476	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/18/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	168	84.1	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	173	86.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/14/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 34 (3') (H233666-06)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.12	106	2.00	0.435	
Toluene*	<0.050	0.050	07/18/2023	ND	2.06	103	2.00	0.429	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	1.99	99.5	2.00	0.0204	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	5.96	99.3	6.00	0.476	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/18/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	168	84.1	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	173	86.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/14/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Project Location: EOG LEA COUNTY, NM

## Sample ID: BH - 35 (3') (H233666-07)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.12	106	2.00	0.435	
Toluene*	<0.050	0.050	07/18/2023	ND	2.06	103	2.00	0.429	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	1.99	99.5	2.00	0.0204	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	5.96	99.3	6.00	0.476	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	07/18/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	168	84.1	200	2.75	
DRO >C10-C28*	16.1	10.0	07/18/2023	ND	173	86.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/14/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 36 (2') (H233666-08)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.12	106	2.00	0.435	
Toluene*	<0.050	0.050	07/18/2023	ND	2.06	103	2.00	0.429	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	1.99	99.5	2.00	0.0204	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	5.96	99.3	6.00	0.476	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
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	07/18/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	168	84.1	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	173	86.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	97.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/14/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Project Number: Sample Received By: Shari Cisneros 212C-MD-02958

Project Location: EOG LEA COUNTY, NM

### Sample ID: BH - 37 (3') (H233666-09)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.12	106	2.00	0.435	
Toluene*	<0.050	0.050	07/18/2023	ND	2.06	103	2.00	0.429	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	1.99	99.5	2.00	0.0204	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	5.96	99.3	6.00	0.476	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
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	07/18/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	168	84.1	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	173	86.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	99.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/14/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Analyzed By: MS

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 38 (2') (H233666-10)

BTEX 8021B

DIEX 6021B	ilig	, kg	Allalyze	u by. Mo					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.12	106	2.00	0.435	
Toluene*	<0.050	0.050	07/18/2023	ND	2.06	103	2.00	0.429	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	1.99	99.5	2.00	0.0204	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	5.96	99.3	6.00	0.476	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/18/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	168	84.1	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	173	86.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	92.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Kreine



#### Analytical Results For:

**TETRA TECH BRITTANY LONG** 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 07/14/2023 Sampling Date: 07/13/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Project Number: Sample Received By: 212C-MD-02958 Shari Cisneros

Project Location: EOG LEA COUNTY, NM

### Sample ID: BH - 15 (2') (H233666-11)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.12	106	2.00	0.435	
Toluene*	<0.050	0.050	07/18/2023	ND	2.06	103	2.00	0.429	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	1.99	99.5	2.00	0.0204	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	5.96	99.3	6.00	0.476	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
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	07/18/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	168	84.1	200	2.75	
DRO >C10-C28*	284	10.0	07/18/2023	ND	173	86.4	200	2.16	
EXT DRO >C28-C36	65.1	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	111 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/13/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Analyzed By: MS

Project Location: EOG LEA COUNTY, NM

### Sample ID: BH - 16 (2') (H233666-12)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.12	106	2.00	0.435	
Toluene*	<0.050	0.050	07/18/2023	ND	2.06	103	2.00	0.429	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	1.99	99.5	2.00	0.0204	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	5.96	99.3	6.00	0.476	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/18/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	168	84.1	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	173	86.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	113	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/13/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Project Location: EOG LEA COUNTY, NM

## Sample ID: BH - 17 (2') (H233666-13)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.12	106	2.00	0.435	
Toluene*	<0.050	0.050	07/18/2023	ND	2.06	103	2.00	0.429	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	1.99	99.5	2.00	0.0204	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	5.96	99.3	6.00	0.476	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/18/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	168	84.1	200	2.75	
DRO >C10-C28*	37.8	10.0	07/18/2023	ND	173	86.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	18						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/13/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 18 (2') (H233666-14)

BTEX 8021B	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.12	106	2.00	0.435	
Toluene*	<0.050	0.050	07/18/2023	ND	2.06	103	2.00	0.429	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	1.99	99.5	2.00	0.0204	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	5.96	99.3	6.00	0.476	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
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	07/18/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	168	84.1	200	2.75	
DRO >C10-C28*	56.1	10.0	07/18/2023	ND	173	86.4	200	2.16	
EXT DRO >C28-C36	12.7	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	92.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						
Ş									

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/13/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Analyzed By: MS

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 19 (2') (H233666-15)

BTEX 8021B

DILX GOZID	iiig/	ng .	Allulyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.12	106	2.00	0.435	
Toluene*	<0.050	0.050	07/18/2023	ND	2.06	103	2.00	0.429	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	1.99	99.5	2.00	0.0204	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	5.96	99.3	6.00	0.476	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/18/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	168	84.1	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	173	86.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/13/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Analyzed By: MS

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 20 (2') (H233666-16)

BTEX 8021B

DILX OUZID	ıııg,	, kg	Alldiyzo	u by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.12	106	2.00	0.435	
Toluene*	<0.050	0.050	07/18/2023	ND	2.06	103	2.00	0.429	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	1.99	99.5	2.00	0.0204	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	5.96	99.3	6.00	0.476	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/18/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	168	84.1	200	2.75	
DRO >C10-C28*	36.3	10.0	07/18/2023	ND	173	86.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.7	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/13/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Sample Received By: Project Number: 212C-MD-02958 Shari Cisneros

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 21 (2') (H233666-17)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.12	106	2.00	0.435	
Toluene*	<0.050	0.050	07/18/2023	ND	2.06	103	2.00	0.429	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	1.99	99.5	2.00	0.0204	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	5.96	99.3	6.00	0.476	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/18/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	168	84.1	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	173	86.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	92.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.6	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/13/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Sample Received By: Project Number: 212C-MD-02958 Shari Cisneros

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 22 (3') (H233666-18)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.12	106	2.00	0.435	
Toluene*	<0.050	0.050	07/18/2023	ND	2.06	103	2.00	0.429	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	1.99	99.5	2.00	0.0204	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	5.96	99.3	6.00	0.476	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/18/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	168	84.1	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	173	86.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

**TETRA TECH BRITTANY LONG** 901 WEST WALL STREET, STE 100 MIDLAND TX, 79701

(432) 682-3946

Received: 07/14/2023 Sampling Date: 07/13/2023

Reported: 07/18/2023 Sampling Type: Soil

Fax To:

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Project Number: Sample Received By: 212C-MD-02958 Shari Cisneros

Project Location: EOG LEA COUNTY, NM

### Sample ID: BH - 23 (3') (H233666-19)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.12	106	2.00	0.435	
Toluene*	<0.050	0.050	07/18/2023	ND	2.06	103	2.00	0.429	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	1.99	99.5	2.00	0.0204	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	5.96	99.3	6.00	0.476	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	71.5-13	4						
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	07/18/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	168	84.1	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	173	86.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	6 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/13/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Project Location: EOG LEA COUNTY, NM

## Sample ID: BH - 24 (3') (H233666-20)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.12	106	2.00	0.435	
Toluene*	<0.050	0.050	07/18/2023	ND	2.06	103	2.00	0.429	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	1.99	99.5	2.00	0.0204	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	5.96	99.3	6.00	0.476	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
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	07/18/2023	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	168	84.1	200	2.75	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	173	86.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	97.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/14/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 39 (2') (H233666-21)

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	07/18/2023	ND	2.09	104	2.00	0.0200	
Toluene*	<0.050	0.050	07/18/2023	ND	2.08	104	2.00	0.990	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	2.19	110	2.00	0.853	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	6.53	109	6.00	0.410	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
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	07/18/2023	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2023	ND	172	86.2	200	7.63	
DRO >C10-C28*	<10.0	10.0	07/17/2023	ND	170	85.2	200	18.6	
EXT DRO >C28-C36	<10.0	10.0	07/17/2023	ND					
Surrogate: 1-Chlorooctane	86.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.5	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/14/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Analyzed By: 1H /

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 40 (2') (H233666-22)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.09	104	2.00	0.0200	
Toluene*	<0.050	0.050	07/18/2023	ND	2.08	104	2.00	0.990	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	2.19	110	2.00	0.853	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	6.53	109	6.00	0.410	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/18/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	172	86.2	200	7.63	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	170	85.2	200	18.6	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celeg D. Keene



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/14/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Project Number: Sample Received By: 212C-MD-02958 Shari Cisneros

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 41 (3') (H233666-23)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.09	104	2.00	0.0200	
Toluene*	<0.050	0.050	07/18/2023	ND	2.08	104	2.00	0.990	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	2.19	110	2.00	0.853	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	6.53	109	6.00	0.410	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	172	86.2	200	7.63	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	170	85.2	200	18.6	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	88.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/14/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 42 (3') (H233666-24)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.09	104	2.00	0.0200	
Toluene*	<0.050	0.050	07/18/2023	ND	2.08	104	2.00	0.990	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	2.19	110	2.00	0.853	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	6.53	109	6.00	0.410	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	172	86.2	200	7.63	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	170	85.2	200	18.6	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	79.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/14/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 43 (3') (H233666-25)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.09	104	2.00	0.0200	
Toluene*	<0.050	0.050	07/18/2023	ND	2.08	104	2.00	0.990	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	2.19	110	2.00	0.853	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	6.53	109	6.00	0.410	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	172	86.2	200	7.63	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	170	85.2	200	18.6	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	115 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/14/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Analyzed By: 1H /

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 44 (3') (H233666-26)

RTFY 8021R

Result   Reporting Limit   Analyzed   Method Blank   BS   % Recovery   True Value QC   RPD	BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: JH/					
Toluene* < 0.050	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* <0.050 0.050 07/18/2023 ND 2.19 110 2.00 0.853  Total Xylenes* <0.150 0.150 07/18/2023 ND 6.53 109 6.00 0.410  Total BTEX <0.300 0.300 07/18/2023 ND 6.53 109 6.00 0.410  Surrogate: 4-Bromofluorobenzene (PID 110 % 71.5-134  Chloride, SM4500Cl-B mg/kg Analyzed By: AC  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 80.0 16.0 07/18/2023 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 GRO C6-C10* <10.0 10.0 07/18/2023 ND 172 86.2 200 7.63  DRO >C10-C28* <10.0 10.0 07/18/2023 ND 170 85.2 200 18.6  EXT DRO >C28-C36 <10.0 10.0 07/18/2023 ND  Surrogate: 1-Chlorooctane 96.3 % 48.2-134	Benzene*	<0.050	0.050	07/18/2023	ND	2.09	104	2.00	0.0200	
Total Xylenes*         <0.150         0.150         07/18/2023         ND         6.53         109         6.00         0.410           Total Sylenes*         <0.300	Toluene*	<0.050	0.050	07/18/2023	ND	2.08	104	2.00	0.990	
Total BTEX	Ethylbenzene*	<0.050	0.050	07/18/2023	ND	2.19	110	2.00	0.853	
Surrogate: 4-Bromofluorobenzene (PID         110 % 71.5-134           Chloride, SM4500Cl-B         mg/ky         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           Chloride         80.0         16.0         07/18/2023         ND         416         104         400         0.00           TPH 8015M         mg/ky         Analyzed By: MS           Analyte         Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           GRO C6-C10*         <10.0	Total Xylenes*	<0.150	0.150	07/18/2023	ND	6.53	109	6.00	0.410	
Chloride, SM4500Cl-B         mg/kg         Analyzed by: AC           Analyte         Result Reporting Limit Analyzed Method Blank BS McCovery True Value QC RPD           Chloride         80.0         16.0         07/18/2023 ND 416 104 400 0.00           TPH 8015M         mg/kg Analyzed By: MS           Analyte         Result Reporting Limit Analyzed Method Blank BS McCovery True Value QC RPD           GRO C6-C10*         <10.0	Total BTEX	<0.300	0.300	07/18/2023	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD  Chloride 80.0 16.0 07/18/2023 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  GRO C6-C10* <10.0 10.0 07/18/2023 ND 172 86.2 200 7.63  DRO >C10-C28* <10.0 10.0 07/18/2023 ND 170 85.2 200 18.6  EXT DRO >C28-C36 <10.0 10.0 07/18/2023 ND  Surrogate: 1-Chlorooctane 96.3 % 48.2-134	Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride         80.0         16.0         07/18/2023         ND         416         104         400         0.00           TPH 8015M         mg/kg         Analyzed By: MS         Method Blank         BS         % Recovery         True Value QC         RPD           GRO C6-C10*         <10.0	Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
TPH 8015M         mg/kg         Analyzed by: MS           Analyte         Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           GRO C6-C10*         <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD  GRO C6-C10* <10.0 10.0 07/18/2023 ND 172 86.2 200 7.63  DRO >C10-C28* <10.0 10.0 07/18/2023 ND 170 85.2 200 18.6  EXT DRO >C28-C36 <10.0 10.0 07/18/2023 ND  Surrogate: 1-Chlorooctane 96.3 % 48.2-134	Chloride	80.0	16.0	07/18/2023	ND	416	104	400	0.00	
GRO C6-C10* <10.0 10.0 07/18/2023 ND 172 86.2 200 7.63 DRO >C10-C28* <10.0 10.0 07/18/2023 ND 170 85.2 200 18.6 EXT DRO >C28-C36 <10.0 10.0 07/18/2023 ND  Surrogate: 1-Chlorooctane 96.3 % 48.2-134	TPH 8015M	mg	/kg	Analyze	ed By: MS					
DRO >C10-C28* < 10.0 10.0 07/18/2023 ND 170 85.2 200 18.6 EXT DRO >C28-C36 <10.0 10.0 07/18/2023 ND   Surrogate: 1-Chlorooctane 96.3 % 48.2-134	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36 <10.0 10.0 07/18/2023 ND  Surrogate: 1-Chlorooctane 96.3 % 48.2-134	GRO C6-C10*	<10.0	10.0	07/18/2023	ND	172	86.2	200	7.63	
Surrogate: 1-Chlorooctane 96.3 % 48.2-134	DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	170	85.2	200	18.6	
	EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctadecane 106 % 49.1-148	Surrogate: 1-Chlorooctane	96.3	% 48.2-13	4						
	Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/14/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 45 (2') (H233666-27)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.09	104	2.00	0.0200	
Toluene*	<0.050	0.050	07/18/2023	ND	2.08	104	2.00	0.990	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	2.19	110	2.00	0.853	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	6.53	109	6.00	0.410	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	172	86.2	200	7.63	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	170	85.2	200	18.6	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	84.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.4	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

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

Celeg & Frence



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/14/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Shari Cisneros Project Number: 212C-MD-02958 Sample Received By:

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 46 (2') (H233666-28)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.09	104	2.00	0.0200	
Toluene*	<0.050	0.050	07/18/2023	ND	2.08	104	2.00	0.990	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	2.19	110	2.00	0.853	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	6.53	109	6.00	0.410	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	172	86.2	200	7.63	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	170	85.2	200	18.6	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	80.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.6	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/14/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Analyzed By: JH/

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 47 (3.5') (H233666-29)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.09	104	2.00	0.0200	
Toluene*	<0.050	0.050	07/18/2023	ND	2.08	104	2.00	0.990	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	2.19	110	2.00	0.853	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	6.53	109	6.00	0.410	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	172	86.2	200	7.63	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	170	85.2	200	18.6	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	117	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/14/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Analyzed By: JH/

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 48 (2') (H233666-30)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.09	104	2.00	0.0200	
Toluene*	<0.050	0.050	07/18/2023	ND	2.08	104	2.00	0.990	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	2.19	110	2.00	0.853	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	6.53	109	6.00	0.410	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	172	86.2	200	7.63	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	170	85.2	200	18.6	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey & Keene



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/13/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Project Number: Sample Received By: 212C-MD-02958 Shari Cisneros

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 25 (3') (H233666-31)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.09	104	2.00	0.0200	
Toluene*	<0.050	0.050	07/18/2023	ND	2.08	104	2.00	0.990	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	2.19	110	2.00	0.853	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	6.53	109	6.00	0.410	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	172	86.2	200	7.63	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	170	85.2	200	18.6	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	75.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/13/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Project Number: Sample Received By: 212C-MD-02958 Shari Cisneros

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 26 (3') (H233666-32)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.09	104	2.00	0.0200	
Toluene*	<0.050	0.050	07/18/2023	ND	2.08	104	2.00	0.990	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	2.19	110	2.00	0.853	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	6.53	109	6.00	0.410	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	172	86.2	200	7.63	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	170	85.2	200	18.6	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	83.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.5	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/13/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Project Number: Sample Received By: 212C-MD-02958 Shari Cisneros

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 27 (3') (H233666-33)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.09	104	2.00	0.0200	
Toluene*	<0.050	0.050	07/18/2023	ND	2.08	104	2.00	0.990	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	2.19	110	2.00	0.853	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	6.53	109	6.00	0.410	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	07/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	172	86.2	200	7.63	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	170	85.2	200	18.6	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	85.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/13/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Project Number: Shari Cisneros 212C-MD-02958 Sample Received By:

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 29 (2') (H233666-34)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.09	104	2.00	0.0200	
Toluene*	<0.050	0.050	07/18/2023	ND	2.08	104	2.00	0.990	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	2.19	110	2.00	0.853	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	6.53	109	6.00	0.410	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	172	86.2	200	7.63	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	170	85.2	200	18.6	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	83.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.8	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/14/2023 Sampling Date: 07/13/2023

Reported: 07/18/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 30 (3') (H233666-35)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/18/2023	ND	2.09	104	2.00	0.0200	
Toluene*	<0.050	0.050	07/18/2023	ND	2.08	104	2.00	0.990	
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	2.19	110	2.00	0.853	
Total Xylenes*	<0.150	0.150	07/18/2023	ND	6.53	109	6.00	0.410	
Total BTEX	<0.300	0.300	07/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	172	86.2	200	7.63	
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	170	85.2	200	18.6	
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND					
Surrogate: 1-Chlorooctane	78.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.2	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### **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 \*=Accredited Analyte

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

Celey D. Keine

Received by OCD: 10/25/2023 3:11:34 PM

Page 38 of 41

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name			BILL TO	)		ANAI VEIS	REQUEST	
Project Manage	r. Brittany Lana		P.O. #:		ПА	ANALISIS	REQUEST	
Address: 90	W. Wall St		Company: EOG Re	C 11111 20	B GRO+DRO+ORO			
City: Middle		zip: 79201	Attn: Told Wel	1c	0			
Phone #:	Fax #:		Address:	13	0 0			
Project #: 212	(-MD-02958 Project Owner	er:	City:		1 1 21			1
Project Name:	Convoy CTB Release		State: Zip:		7			
Project Location	n: Lea County NM		Phone #:					
Sampler Name:	" Lea County, NM Wan Ramos		Fax #:					
FOR LAB USE ONLY		MATRIX		MPLING	802 065 65			
		A NO			800			
Lahin	0	(C)C ERS ATE			1 N -3			
Lab I.D.	Sample I.D.	ADW SOR	ASE		河 平 章			
H233666		(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	OTHER: ACID/BASE: ICE / COOL OTHER:		FA 3			
4003466	DILO(a)	(G)R/ GROU WAST SOIL OIL SLUD	5 8 5 DATE	TIME	W 1- 0			
5	BH-8 (3°) BH-28 (35°)	X	× 7/14/2	39:00	XXX			
3	6			9:15		.		$\perp$
ű	BH-31 (3')			9:30	+++++	-		
5	BU 33 / 25/			9:45			-	
6	RH-34/24			10:00			-	-
7	BH-36 (3')			10:15			-	
8	BH-36 (21)			10:45			+	-
9	BH-37/31)			11:00				
DI EASE NOTE: Linkille and	BH-38(2°)	V	VV	11:15	VIVIV			
	Damages. Cardinal's liability and client's exclusive remedy for a pthose for negligence and any other cause whatsoever shall be dinal be liable for incidental or consequently democracy includes							
	out of or related to the performance of services hereunder by C	without limitation, business interruptions, lo ardinal, rega. *!less of whether such claim is			es,			
Treiniquistieu by.	7-14-23	Received By:	-	Verbal Res	ult:   Yes   Nare emailed. Please	Add'l Phone #:	001	
aven	Time:	Mai Ci	MILLER	l riodano	are emanea. Please	provide girali addres	55.	
Relinquished By:	Date:	Received By:	70100	REMARKS:				
	Time:							
Delivered By: (Cir.	cle One) Observed Temp. °C	Sample Condition	on CHECKED BY:	Turnaround	Time: Standa	rd Dantaria	(only) Samula Cart	ition.
Sampler - UPS - B	us - Other: Corrected Temp. °C	Cool Intact	(Initials)		Rush	☑ Cool Int	(only) Sample Condi act Observed Te	emp °C
	3.3 07/18/22	140 Yes Yes	170	Thermometer Correction Fa	ctor -0.6°C 48	hrs No	Yes No Corrected Te	emp. °C

Page 39 of 41



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	CIVALEIN								BI	LL TO				ΔΝΔ	LYSIS	) DE	OHES	T.			$\neg$
Project Manage	· Drittany Lour						P.	0. #:			9	Y C				I	QUES	T .			$\dashv$
Address: 90	11.11.11.51						Co	ompany	: [	06 Resources	ORO)										
city: Mid	land State: TX	Zip	: F	917	61		At	tn: →	7	ld Wells	40										
Phone #:	Fax #:			1 - 2	-1			ddress:	UU	ca wells	8		-								
Project #: 212	C-MD-01958 Project Owner	r:					Cit				0		Σ								-
Project Name:	TONING CTR Rolesson	>						ate:		Zip:	GROADRO									2	
Project Location	Johnoy CTB Release Lea County, NM							one #:		Ζιρ.	2	~									
Sampler Name:	Ivan Ramos						1	x #:		,	9	8021B									
FOR LAB USE ONLY	(0.100)	П	П		MATE	XIX	_	PRESER	RV.	SAMPLING	15	00	N								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE		0	OTHER:	DATE TIME	TPH 80/5	BTEX 8	Chloride			*					
13 17 15 10 17 18 19 20	BH-15(2') BH-16(2') BH-18(2') BH-18(2') BH-20(2') BH-21(2') BH-21(2') BH-23(3') BH-23(3')		AVIII)		X			X		7/13/23 9.00 9:30 10:00 10:30 11:00 12:00 12:00	×	X	X						,		
PLEASE NOTE: Liability and	Damages. Cardinal's liability and client's exclusive remedy for any those for negligence and any other cause whatsoever shall be de	y claim	arising	vhether l	based in c	ontract	or tort,	shall be limite	ed to t		ne e	V									

analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicab service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

Relinquished By:	of services hereunder by Cardinal, regard	less of whether such claim is based upon any of the a	our stat. I research as athervies		
Relinquished By:	Date: Receive	ed Bv.	Verbal Result:		
/	17-14-13	Su Dy.		☐ Yes ☐ No Ad	d'I Phone #:
1/10	Time:	1.	A!! Results are en	nailed. Please provide Er	mail address:
11/an /20002	17:25 Dha	4 Coneros			
Relinquished By:					
rtomiquistica by.	Date: Receive	ed By:	REMARKS:		
9					
	Time:				
Deliana d B. (O) 1 a					
Delivered By: (Circle One) Ob	served Temp. °C	Sample Condition CHECKED	BY: Turnaround Time:	Standard	Pactoria (anh.) Comula Conditi
	49	Cool Intact (Initials		Rush N	Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other: Co	rrected Temp. °C.	Yes Yes	Thermometer ID #		Cool Intact Observed Temp. °C
	#140	□ No □ No	Correction Factor 0		☐ Yes ☐ Yes
FORW-000 R 3.4 07/11/23	+ Cardinal accord		Correction Factor 0	10/113	No No Corrected Temp. °C

Page 40 of 41



## CHAIN-OF-CUS TODY AND ANALYSIS REQUEST

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

Company Name			BILL TO	ANALYSIS REQUEST	
Project Manage	r. Britany Long		P.O. #:		$\dashv$
Address: 90	W. Wall St )		Company: EUG Resources	그	
city: Midla	1	Zip: 7970	Attn: Toda Wells		
Phone #:	Fax #		Address:		
Project #: 217	C-MD-02954 Project Owner	r:	City:	1 2	
Project Name:	CAMOU (TR Release		State: Zip:		
Project Location	C-MD-02958 Project Owner Convoy CTB Release 1: Lea County, NM Ivan Ramos		Phone #:	SERO+DRO+ORO	
Sampler Name:	Ivan Ramos		Fax #:	1371111111	
FOR LAB USE ONLY	,	MATRIA	PRESERV. SAMPLING	<b></b>	
		(C)OMP			
Lab I.D.  H233666 21 22 23 27 25 27	Sample I.D.	(G)RAB OR (C)ON # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	OTHER: ACIDIBASE: ICE / COOL OTHER:	BTEX TPH 8 Chlorid	
16	BH-39/2')	1 X	X 7/14/23 W.30		+
22	BH-41/2)		1 11733 11.50	XXX	+
23	BH-41(31)		12:06		+
24	BH-42(3)		12,15		+
20	BH-43(3')		12:36		$\top$
20	BH-44(3)		12:45		
34	BH-45(2)		13:00		-
28	15H-46(2)		13:15		
30	BH-47 (3.5)		(3:30)		
PLEASE NOTE: Liability and analyses. All claims including	Damages. Cardinal's liability and client's exclusive remedy for any those for negligence and any other cause whatsoever shall be de	claim arising whether based in contract	or tort, shall be limited to the amount paid by the client for the	the	

affiliates or successors arising out of or related to the perform Relinquished By:		s of whether such claim is based upon any of the above sta	ed reasons or otherwise.		
Reiniquistied by:	Date: Received	I By:	Verbal Result: □	Yes I No Add	'I Phone #:
Man /he	Time:	^	All Results are emaile	d. Please provide Emi	ail address:
Com To John	17:25 (MO)	u Cisneias			
Relinquished By:	Date: Received		REMARKS:		
		-,-	INCHIARRO.		
	Time:				
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition OUEQUED DV	, ×		
	UA	Sample Condition CHECKED BY:	Turnaround Time:	Standard	Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:		Yes Yes (Initials)	Thermometer ID #140	Rush	Cool Intact Observed Temp. °C
FORM-000 R 3.4 07/11/23	F 1910	□ No □ No	Correction Factor 0°C	48hrs	☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C
	1.0 " 1				

Page 41 of 41

## CHAIN-OF-CUSTOD / AND ANALYSIS REQUEST

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

Company Name	: Tetra tech								B	ILL TO			*			ANA	LYSI	S RF	OUES	T.		
r roject warrage	· Birittany ( DIA				•		P.	0. #:				$\vdash$	-	1	T	7		T	T C			
Address: 900	W. Wall St land State: TX						Co	mpan	v: (	TAC P	Galleroc	1	8									
City: Mid	laind State: TX	Zij	o: 7	97	01		Att	n: T	01	DA 14) a	esources Us	1	+									
Phone #:	Fax #:				,			dress		ed we	115	1	8									
Project #: 2	C-MD-02958 Project Owne	er:					Cit	v:		. >		1	GROFDED + ORN	1								
Project Name:	Conyox CTB Release	5C						ate:		Zip:			8							-		
Project Location	: Lea County NM							one #:		p.		~	5									
Sampler Name:	Ivan Ramos							x #:				8021		ľ								
FOR LAB USE ONLY		T	П		MATRI	X		PRES	ERV.	. SAM	PLING	00	8015		63							
		C)OMP		r								40	20	-	3							
Lab I.D.	Committee LD	9	ERS	MIE								X	1		2							
Lab I.D.	Sample I.D.	3 OR	AN	WDW		ш		ASE	-11			U	I	-	10							
H2336610		(G)RAB	# CONTAINERS	GROUNDWATE	SOIL	SLUDGE	OTHER:	ACID/BASE ICE / COOL	OTHER	DATE		35	4	-	2							
H233666	BH-15(3)	ľ	# (	5 5	o o	S	0	₹ 0		1 /	TIME		Y	,	1	+	-	-			$\rightarrow$	
33 33 34 35	BH-26(3)				1					7/13/23		X	X	X	-	-					-	
33	BH-27 (3)		Ш	,							2:30	H		-	-	1.					-+	
34	BH-29(2)		Ш								3:00	H		1	+						-	
35	BH-30(3')		$\bigvee$		V			V		4	4:00	1/	V	V							-	
	10 2000 1									*	1.00	_	W	7								
			Ш																			
							-															
		$\vdash$	-	11			1			4												
LEASE NOTE: Liability and	Damages. Cardinal's liability and client's exclusive remedy for an those for negligence and any other cause whatspeyer shall be de-	ny claim	arising v	vhether b	ased in co	ntract o	r tort	shall he lin	nited to	a the amount:	butthe alient											

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

Relinquished By:	Date:  Received By:  Time:  Date:  Received By:  Time:	Verbal Result:   Yes   No   Add   Phone #:   All Results are emailed. Please provide Email address:   REMARKS:
	Corrected Temp. °C	



July 24, 2023

BRITTANY LONG
TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND, TX 79701

RE: CONVOY CTB RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/20/23 17:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Received: 07/20/2023 Sampling Date: 07/19/2023
Reported: 07/24/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Tamara Oldaker

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 15 (4.5') (H233803-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.13	106	2.00	1.75	
Toluene*	<0.050	0.050	07/21/2023	ND	2.09	104	2.00	0.752	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.04	102	2.00	1.22	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.14	102	6.00	1.08	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/21/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	141	70.5	200	14.7	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	187	93.7	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Received: 07/20/2023 Sampling Date: 07/19/2023

Reported: 07/24/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Sample Received By: Project Number: 212C-MD-02958 Tamara Oldaker

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 22 (3.5') (H233803-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.13	106	2.00	1.75	
Toluene*	<0.050	0.050	07/21/2023	ND	2.09	104	2.00	0.752	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.04	102	2.00	1.22	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.14	102	6.00	1.08	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/21/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	141	70.5	200	14.7	
DRO >C10-C28*	67.9	10.0	07/21/2023	ND	187	93.7	200	4.22	
EXT DRO >C28-C36	11.3	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Received: 07/20/2023 Sampling Date: 07/19/2023

Reported: 07/24/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 42 (2.5') (H233803-03)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.13	106	2.00	1.75	
Toluene*	<0.050	0.050	07/21/2023	ND	2.09	104	2.00	0.752	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.04	102	2.00	1.22	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.14	102	6.00	1.08	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/21/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	141	70.5	200	14.7	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	187	93.7	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	77.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.4	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/20/2023 Sampling Date: 07/19/2023

Reported: 07/24/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: EOG LEA COUNTY, NM

mg/kg

#### Sample ID: BH - 43 (2.5') (H233803-04)

BTEX 8021B

BILK GOZIB	ıııg,	Ng .	Allulyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.13	106	2.00	1.75	
Toluene*	<0.050	0.050	07/21/2023	ND	2.09	104	2.00	0.752	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.04	102	2.00	1.22	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.14	102	6.00	1.08	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13-	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/21/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	141	70.5	200	14.7	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	187	93.7	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	85.5	% 48.2-13-	4						
Surrogate: 1-Chlorooctadecane	97.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/20/2023 Sampling Date: 07/19/2023

Reported: 07/24/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 212C-MD-02958

Project Location: EOG LEA COUNTY, NM

#### Sample ID: BH - 48 (3') (H233803-05)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.13	106	2.00	1.75	
Toluene*	<0.050	0.050	07/21/2023	ND	2.09	104	2.00	0.752	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.04	102	2.00	1.22	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.14	102	6.00	1.08	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	103 % /1.3-13 mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/21/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	141	70.5	200	14.7	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	187	93.7	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	96.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Received: 07/20/2023 Sampling Date: 07/19/2023

Reported: 07/24/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Tamara Oldaker

Project Location: EOG LEA COUNTY, NM

#### Sample ID: SW - 15 (H233803-06)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.13	106	2.00	1.75	
Toluene*	<0.050	0.050	07/21/2023	ND	2.09	104	2.00	0.752	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.04	102	2.00	1.22	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.14	102	6.00	1.08	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/21/2023	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	141	70.5	200	14.7	
DRO >C10-C28*	13.2	10.0	07/21/2023	ND	187	93.7	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	18						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/20/2023 Sampling Date: 07/19/2023

Reported: 07/24/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Project Number: Tamara Oldaker 212C-MD-02958 Sample Received By:

Project Location: EOG LEA COUNTY, NM

#### Sample ID: SW - 16 (H233803-07)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.13	106	2.00	1.75	
Toluene*	<0.050	0.050	07/21/2023	ND	2.09	104	2.00	0.752	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.04	102	2.00	1.22	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.14	102	6.00	1.08	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/21/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	141	70.5	200	14.7	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	187	93.7	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	91.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/20/2023 Sampling Date: 07/19/2023

Reported: 07/24/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: EOG LEA COUNTY, NM

ma/ka

#### Sample ID: SW - 17 (H233803-08)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.13	106	2.00	1.75	
Toluene*	<0.050	0.050	07/21/2023	ND	2.09	104	2.00	0.752	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.04	102	2.00	1.22	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.14	102	6.00	1.08	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/21/2023	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	141	70.5	200	14.7	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	187	93.7	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keine



#### Analytical Results For:

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

Received: 07/20/2023 Sampling Date: 07/19/2023

Reported: 07/24/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 212C-MD-02958

Project Location: EOG LEA COUNTY, NM

#### Sample ID: SW - 18 (H233803-09)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.13	106	2.00	1.75	
Toluene*	<0.050	0.050	07/21/2023	ND	2.09	104	2.00	0.752	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.04	102	2.00	1.22	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.14	102	6.00	1.08	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/21/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	141	70.5	200	14.7	
DRO >C10-C28*	<10.0	10.0	07/21/2023	ND	187	93.7	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	91.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Received: 07/20/2023 Sampling Date: 07/19/2023

Reported: 07/24/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 212C-MD-02958

Project Location: EOG LEA COUNTY, NM

#### Sample ID: SW - 19 (H233803-10)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.13	106	2.00	1.75	
Toluene*	<0.050	0.050	07/21/2023	ND	2.09	104	2.00	0.752	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.04	102	2.00	1.22	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.14	102	6.00	1.08	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/21/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2023	ND	141	70.5	200	14.7	
DRO >C10-C28*	41.4	10.0	07/21/2023	ND	187	93.7	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	07/21/2023	ND					
Surrogate: 1-Chlorooctane	85.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.8	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Received: 07/20/2023 Sampling Date: 07/19/2023

Reported: 07/24/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 212C-MD-02958 Sample Received By:

Project Location: EOG LEA COUNTY, NM

#### Sample ID: SW - 20 (H233803-11)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.13	106	2.00	1.75	
Toluene*	<0.050	0.050	07/21/2023	ND	2.09	104	2.00	0.752	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.04	102	2.00	1.22	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.14	102	6.00	1.08	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/21/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	ND	192	96.2	200	5.03	
DRO >C10-C28*	43.7	10.0	07/22/2023	ND	213	106	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	96.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### Analytical Results For:

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

Received: 07/20/2023 Sampling Date: 07/19/2023

Reported: 07/24/2023 Sampling Type: Soil

Project Name: CONVOY CTB RELEASE Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Tamara Oldaker

Project Location: EOG LEA COUNTY, NM

#### Sample ID: SW - 21 (H233803-12)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2023	ND	2.13	106	2.00	1.75	
Toluene*	<0.050	0.050	07/21/2023	ND	2.09	104	2.00	0.752	
Ethylbenzene*	<0.050	0.050	07/21/2023	ND	2.04	102	2.00	1.22	
Total Xylenes*	<0.150	0.150	07/21/2023	ND	6.14	102	6.00	1.08	
Total BTEX	<0.300	0.300	07/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/21/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/22/2023	ND	192	96.2	200	5.03	
DRO >C10-C28*	169	10.0	07/22/2023	ND	213	106	200	3.85	
EXT DRO >C28-C36	40.5	10.0	07/22/2023	ND					
Surrogate: 1-Chlorooctane	124	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	143	% 49.1-14	8						

#### Cardinal Laboratories

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



#### **Notes and Definitions**

S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

QM-07

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories \*=Accredited Analyte

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

Celeg D. Freene

Page 15 of 16



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

		AX (5/5) 393-24/					D	LL T	0						ANAL	YSIS	REC	UES	Γ			
Company Name:	Tetra Tel	h			- 1	20.4	Name and Address of the Owner, where	LL I	0					Ť	11071							$\neg$
Project Manager:	Brittany	Long				P.O. #			_		2											-
Address:	W. Wall &	54 7	_							vvces	10		. "									-
City: Midd	and	State: TX 2	ip: \	2701				d W	iells		8											-
Phone #:		Fax #:				Addre	ss:			_	0		0									
Project #: 2/20	-MD-02958	Project Owner:				City:	81			_	7		0									
Project Name: (	Convoy CT	B Release				State:		Zip:			GRO+ MORO+MRG	8	450									
Project Location	Lea Coun.	ty, NM				Phone					P		7									
Sampler Name:	Ivan Ra	nos		MA	TRIX	Fax #:	ESERV	1 8	SAMPL	ING	5	62	5									
Lab I.D.	Sample	I.D.	(G)RAB OR (C)OMP. # CONTAINERS			OTHER:			TE 1/22	TIME 12.00	X TPH 8015	X BTEX 80	x chloride									
2345 45 4789 10	BH-4 BH-4 BH-4 SW-1 SW-1 SW-1	(3,5°) (3,5°) 3 (3,5°) 3 (3°)							/	12:30 1:30 2:00 3:00 3:15 3:30 3:45 4:00											,	
	d Damages. Cardinal's liability and any of those for negligence and any of											ble										
service. In no event shall Ca affiliates or successors arisin	ng those for negligence and any of ardinal be liable for incidental or co ng out of or related to the performa	onsequental damages, including ance conservices hereunder by Co	rdinal, rega	ardless of whether	nterruptions, l er such claim	oss of use is based o	upon any o	f the above	stated rea	sons or othe.	ee.	□ Ye	s F	No	Add'l	Phone	#:			-		
Relinquished By Relinquished By	r: Ramo d	7-20-23	Recei	ived By:	OKA Z			Son Son	2	All Results	s are er	mailed.	Pleas	e provid								
Delivered Brit 10	irolo Ono)	Observed Temp. °C	2//	Sampl	e Condit	ion	CHE	CKED B	Y:	Turnarou	nd Time	e:	Stan	dard				ly) Sam	ple Con	dition	°C	,
Delivered By: (C Sampler - UPS -		Corrected Temp. °C	7.1	Cool	Intact es Yes			nitials)		Thermome Correction	ter ID #	#140 0°C	Rush 4	8he	SIXI	□ Ye	Intact es  Yo	es	orrecte			

Page 16 of 16



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

(575) 393-2326 FAX (575) 393-2476	501.50	ANALYSIS REQUEST
Company Name: Tetra Tech	BILL TO	ANALTSIS REGULST
	P.O. #:	[5]
Address: 901 W. Wall 5t	company: FOG RESOUTCES Attn: Todd Wells	+ 0 R0 + MR0
City: Midland State: TX Zip: 7970	Attn: Todd Wells	<del> </del>
Phone #: Fax #:	Address:	
Project #: 2(2(-M)-02958 Project Owner:	City:	
Project Name: Caractors CTB Polo 150	State: Zip:	
Project Name: Convoy CTB Release Project Location: Lea County, NM	Phone #:	OR B GRO
Sampler Name: Van Ramos	Fax #:	197
FOR LAB USE ONLY MATRIX	PRESERV. SAMPLING	570 880
Condition	SLUDGE SLUDGE OTHER: OTHER: ACID/BASE: ACID/	XXTPH 8015 XXXChlorides
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in or service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruaffiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of wh. The successors arising out of or related to the performance of services hereunder by Cardinal, regardless of wh. The successor arising out of or related to the performance of services hereunder by Cardinal, regardless of wh. The successor arising out of or related to the performance of services hereunder by Cardinal, regardless of wh. The successor arising out of or related to the performance of services hereunder by Cardinal, regardless of wh. The successor arising out of or related to the performance of services hereunder by Cardinal, regardless of wh. The successor arising out of or related to the performance of services hereunder by Cardinal, regardless of wh. The successor arising out of or related to the performance of services hereunder by Cardinal, regardless of wh. The successor arising out of or related to the performance of services hereunder by Cardinal, regardless of wh. The successor arising out of or related to the performance of services hereunder by Cardinal, regardless of wh. The successor arising out of or related to the performance of services hereunder by Cardinal, regardless of wh. The successor arising out of or related to the performance of services hereunder by Cardinal, regardless of wh. The successor arising out of or related to the performance of services hereunder by Cardinal, regardless of wh. The successor arising out of or related to the performance of services hereunder by Cardinal, regardless of wh. The successor arising out of or related to the performance of services hereunder by Cardinal, regardless of wh. The successor arising out of or related to the performance of services hereunder by Cardinal,	indition CHECKED BY: (Initials)	inities, wise.  Lesult:
Sampler - UPS - Bus - Other: Corrected Temp. °C Yes [ Yes [	Yes	eter ID #140  A Shes Yes  No No Corrected Temp. °C



July 27, 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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



07/26/2023

Soil

#### 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:
Reported: 07/27/2023 Sampling Type:

Project Name: CONVOY CENTRAL CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-02958 Sample Received By: Shari Cisneros

Applymed By MC

Project Location: EOG - LEA COUNTY, NM

#### Sample ID: SW - 21 (H233920-01)

DTEV 0021D

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2023	ND	1.99	99.3	2.00	3.96	
Toluene*	<0.050	0.050	07/27/2023	ND	2.07	103	2.00	4.25	
Ethylbenzene*	<0.050	0.050	07/27/2023	ND	2.02	101	2.00	3.80	
Total Xylenes*	<0.150	0.150	07/27/2023	ND	6.00	100	6.00	5.20	
Total BTEX	<0.300	0.300	07/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/27/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2023	ND	197	98.6	200	3.51	
DRO >C10-C28*	<10.0	10.0	07/27/2023	ND	203	102	200	0.479	
EXT DRO >C28-C36	<10.0	10.0	07/27/2023	ND					
Surrogate: 1-Chlorooctane	96.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey D. Keene



#### **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  $6^{\circ}\text{C}$ 

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories \*=Accredited Analyte

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

Celeg D. Freene

Company Name:

Project Manager:

Page 4 of

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

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

State: TX Zip: 7970							Attn: Toda Wells					1 1													
Phone #:								Address: City: State: Zip: Phone #:						40	1										
														<	7										
Project #: 212C-MD-01958 Project Owner:  Project Name: CONVOY Central CTB Release  Project Location: Lea County NM  Sampler Name: 1/144 Range Annaha							M						CROSAR	LECAN	3										
														1	2					,					
Sampler Name: Ivan Ramas									Fax #:					021		1 ~	3								
FOR LAB USE ONLY		T	Γ		MATRIX						SAM	PLING	$\dashv$	1	1	0							-		
Lab I.D. Sample	I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	ATE	TIME	B TEX 8	TOH AM	Chlaridos									
1 SW-21			1			X				X	7/3	4/23	10:30	X	X	X									,
EASE NOTE: Liability and Damages. Cardinal's liability and or lyses. All claims including those for negligence and any other rice. In no event shall Cardinal be liable for incidental or consistes or successors arising out of or related to the performance.	sequental damages, including se of services hereunder by Ca	without ardinal,	limitati regard	on, bus	iness i whethe	in writi	ng and	recei	ved by	Cardin	al within 30	days after	completion of th	he applicable											
dvan Ramos  dinquished By:	Date.	Rec	eive	ed B	y: y:	1	^	,	n				Verhal Results	sult:	□ Yes ailed. I	Please	No prov	Adide E	dd'I P mail	hone addre	#: ess:				
	bserved Temp. °C			Sa	mple	Con	ditio	n	C	HEC	KED BY	.	urnaround	d Time:		Stanc	lard	i X		Bacte	-1- (-				

BILL TO

P.O. #:

Company: E06



# Appendix D

State Correspondence

#### Long, Brittany

From:

Todd Wells < Todd Wells@eogresources.com>

Sent:

Monday, June 12, 2023 10:22 AM

To:

Long, Brittany James Kennedy

Cc: Subject:

Fwd: EOG - Convoy Central CTB, Incident # nAPP2307047906

CAUTION: This email originated from an external sender. Verify the source before opening links or attachments.  $\Lambda$ 

Brittany,

See the email below from Nelson Valez with the OCD regarding the extension of time request for the Convoy CTB site. Please work on the requested information and documentation that we can submit to the OCD by the stated 6/20 deadline.

Thank you,

Todd

Sent from my iPhone

Begin forwarded message:

From: "Velez, Nelson, EMNRD" <Nelson.Velez@emnrd.nm.gov>

Date: June 12, 2023 at 10:06:53 AM CDT

To: Todd Wells < Todd Wells@eogresources.com>

Subject: RE: EOG - Convoy Central CTB, Incident # nAPP2307047906

You don't often get email from nelson.velez@emnrd.nm.gov. Learn why this is important

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Todd,

Many of the site characterization/assessment (SC/A) data (Form C-141 page 3), such as determining depth to water, especially when OCD is only given an estimation, can be achieved administratively. Therefore, OCD will grant EOG Resources' (EOG) time extension request with an updated closure report deadline of 08/11/2023 under the conditions that the following information is provided with supporting documentation (19.15.29.11A) and all remedial activities to date be submitted by 06/20/2023 through the OCD Permitting application C-141 portal;

- 1. Provide as best as possible, the shallowest depth to groundwater beneath the area affected by the release
- Provide information as to whether the release impacted groundwater or surface water
- a. groundwater impact may be determined based on research findings and possibly interpreted as having a higher-than-average probability of occurring (e.g. - high volume release, high soil porosity, shallow groundwater).

- 3. Provide the lateral extents of the release if within 300 feet of a continuously flowing watercourse or any other significant watercourse
- 4. Provide the lateral extents of the release if within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)
- 5. Provide the lateral extents of the release if within 300 feet of an occupied permanent residence, school, hospital, institution, or church
- 6. Provide the lateral extents of the release if within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes
- 7. Provide the lateral extents of the release if within 1000 feet of any other fresh water well or spring
- 8. Provide the lateral extents of the release if within incorporated municipal boundaries or within a defined municipal fresh water well field
- 9. Provide the lateral extents of the release if within 300 feet of a wetland
- 10. Provide the lateral extents of the release if overlying a subsurface mine
- 11. Provide the lateral extents of the release if overlying an unstable area(s)
- 12. Provide the lateral extents of the release if within a 100-year floodplain
- 13. Provide information whether the release impact areas are not on an exploration, development, production, or storage site
- 14. Provide a scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells if applicable
- 15. Any field data collected
- 16. Data table of soil contaminant concentration, if any
- 17. Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- 18. Photographs associated with the release that includes date/time and/or GIS information for the photographs collected
- 19. Topographic/Aerial maps showing the areal extent of the impacted area
- 20. Laboratory data including chain of custody if any sampling has been completed
- 21. 19.15.29 NMAC Table I closure standard determination
- 22. Remediation Plan per 19.15.29.12C NMAC.

If OCD has not received the required documentations or the final closure report by June 20, 2023, EOG will remain non-compliant with 19.15.29.11, 1915.29.12, and 19.15.29.13 NMAC.

Upon receipt of the documentation, OCD reserved the right to request additional information if needed (19.15.29.11C NMAC).

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Thank you for your cooperation regarding this incident.

Regards,

Nelson Velez • Environmental Specialist - Adv

Environmental Bureau | EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87410 (505) 469-6146 | nelson.velez@emnrd.nm.gov http://www.emnrd.state.nm.us/OCD/



#### Long, Brittany

From: Enviro, OCD, EMNRD < OCD.Enviro@emnrd.nm.gov>

Sent: Thursday, June 15, 2023 10:12 AM

Long, Brittany To:

Cc: Bratcher, Michael, EMNRD; Velez, Nelson, EMNRD

Subject: RE: [EXTERNAL] EOG Convoy Central CTB Confirmation Sampling Notification

CAUTION: This email originated from an external sender. Verify the source before opening links or attachments. A

Brittany,

Please be aware that notification requirements are **two business days**, per rule. You may proceed on your schedule. This, and all correspondence, should be included in the closure report to ensure inclusion in the project file.

JH

Jocelyn Harimon • Environmental Specialist **Environmental Bureau EMNRD** - Oil Conservation Division 1220 South St. Francis Drive | Santa Fe, NM 87505 (505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov

http://www.emnrd.nm.gov



From: Long, Brittany <Brittany.Long@tetratech.com>

Sent: Wednesday, June 14, 2023 1:14 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Subject: [EXTERNAL] EOG Convoy Central CTB Confirmation Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

To whom it may concern,

Tetra Tech is scheduled to collect 5 point confirmation, bottom hole and sidewall samples on the Convoy Central CTB (nAPP2307047906) remediation starting on Friday, June 16, 2023 at 1:15 PM. These samples will be placed within the remediation 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@tetratech.com

#### Tetra Tech | Leading with Science®

901 West Wall Street, Suite 100 Midland, Texas 79701

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.







Please consider the environment before printing. Read more



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

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 279362

#### **CONDITIONS**

Operator:	OGRID:
EOG RESOURCES INC	7377
5509 Champions Drive	Action Number:
Midland, TX 79706	279362
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By		Condition Date
nvelez	None	2/6/2024