SITE INFORMATION

Report Type: Closure Report nAPP2202839974

General Site Information:						
Site:	**Fearless 26 CTB**					
Company:	**EOG Resources**					
Section, Township and Range	**Unit A**	**Sec. 26**	**T 25S**	**R 32E**		
Lease Number:						
County:	**Lea County**					
GPS:	**32.108171**			**-103.640142**		
Surface Owner:	Federal					
Mineral Owner:						
Directions:	From intersection of 128 and Orla Rd, travel south on Orla Rd for 5.76 miles. Turn East onto lease road, follow for 2.09 miles. Turn South onto lease road, follow for 1.6 miles to location.					

Release Data:	
Date Released:	1/18/2022
Type Release:	Produced Water
Source of Contamination:	Poly Line
Fluid Released:	100 bbl produced water
Fluids Recovered:	0 bbl produced 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		clair.gonzales@tetratech.com

Site Characterization	
Depth to Groundwater:	*232.96' Below Ground Surface*
Karst Potential:	*Low*

Recommended Remedial Action Levels (RRALs)			
Benzene	***Total BTEX***	***TPH (GRO+DRO+MRO)***	***Chlorides***
10 mg/kg	*50 mg/kg*	*100 mg/kg*	*600 mg/kg*

March 30, 2022

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

RE: Closure Report
EOG Resources
Fearless 26 CTB
Lea County, New Mexico
nAPP2202839974

Oil Conservation Division:

Tetra Tech, Inc. (Tetra Tech) was contacted by EOG Resources (EOG) to assess a release that occurred at the Fearless 26 CTB, Unit A, Section 26, Township 25 South, Range 32 East, Lea County, New Mexico (Site). The spill site coordinates are 32.108171°, -103.640142°. The site location is shown on **Figures 1 and 2**.

Background

According to the C-141, the release at the Fearless 26 CTB was caused by a split in the 3" poly line causing the release of 100 bbls of produced water onto the pad and ran into a pipeline ROW South of the pad, impacting an area of 300' X 150'. However, none of the fluids were recovered. On January 18, 2022, the release was discovered and reported to the New Mexico Oil Conservation Division (NMOCD) per email to the NMOCD Enviro Inbox. 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, subsurfaces mines, private domestic water wells, or floodplains located within the specified distances. Additionally, the site is located in a low karst area. The NFHL Map and USGS Mapper are shown in **Appendix B**.

Significant Boundaries

According to Google Earth US Government City Boundaries and US School Districts, the lateral extents of the release were not within an incorporated municipal boundaries, defined

municipal fresh water well field, or a school district. Additionally, there were no occupied permanent residences, schools, hospitals, institution, or churches located within the specified distances of the lateral extents of the release.

Groundwater Assessment

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 3 mile radius of the Site. The well reported on the USGS National Water Information System reports a total depth of 320 ft bgs with water level measured at 232.96 ft bgs and is approximately 2.53 miles southeast of the Site. The well reported on the NMOSE Water Rights Reporting System reports a total depth of 500 ft bgs and measured water level of 280 ft bgs and is approximately 2.9 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
2.53 Miles	1/16/2013	USGS	320’	232.96’
2.9 Miles	6/12/2021	NMOSE	500’	280’

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.

Tetra Tech Site Assessment Activities

Tetra Tech conducted site assessment activities from February 17, 2022 to February 23, 2022. A total of six (6) trenches were installed to total depths ranging from 4.0 ft bgs to 5.0 ft bgs to vertically delineate the area. Additionally, a total of twelve (12) horizontals were installed to a total depth of 0.5 ft bgs, directly outside of the impact to horizontally delineate the area. The impact and sample locations are shown on **Figure 3.**

The samples were submitted to Eurofins Laboratory in Midland, Texas and the Cardinal Laboratory in Hobbs, New Mexico 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**.

Based on laboratory data from the sampling event, trenches (Trench-1 through Trench-5) did not indicate benzene, BTEX, TPH, or chloride concentrations above RRALs at any depth and were vertically delineated. The area of trench (Trench-6) indicated chloride concentrations above RRALs, with a concentration of 1,870 mg/kg, at 1.0 ft bgs and concentrations decreased below RRALs with depth.

Based on laboratory data from the sampling event, horizontals (H-1 through H-10) did not indicate benzene, BTEX, TPH, or chloride concentrations above RRALs and represented horizontal delineation of the impact. However, horizontals (H-11 and H-12) were installed within the equipment onsite and indicated chloride concentrations above RRALs, with concentrations of 5,920 mg/kg and 9,120 mg/kg, respectively, at depths of 0.5 ft bgs. Additionally, the area of horizontal (H-12) indicated a TPH concentration above RRALs, with a concentration of 3,550 mg/kg, at a depth of 0.5 ft bgs.

Tetra Tech Remediation Activities

Tetra Tech conducted remediation activities from February 28, 2022 to March 9, 2022. The areas of impact, the pad and the pipeline ROW, were remediated to depths ranging from 0.5 ft bgs to 5.0 ft bgs. The remediation areas and depths are shown on **Figure 4.**

Following remediation activites, 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 area of the pad. All confirmation samples are collected as a composite 5-point die pattern to ensure a representative sample of full depth of sidewalls and the entire floor of the excavation are collected. The confirmation sample notification was sent to the NMOCD via email, on February 28, 2022, at 3:40 PM, a copy of the notice is shown in **Appendix D.** A total of eighteen (18) bottom holes were collected and a total of forty-one (41) sidewalls were collected to confirm full removal of impacted soil. The confirmation soil samples were submitted to the Cardinal Laboratory in Hobbs, New Mexico 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 2** and the analytical laboratory reports are included in **Appendix C**.

Regarding all final samples collected from the remediation on the pad and the pipeline ROW, analytical results indicated benzene, BTEX, and TPH concentrations were below the laboratory detection limits. Additionally, analytical results indicated chloride concentrations were below the determined RRALs.

Conclusions

Based on the C-141 (nAPP2202839974) 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, and 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 chloride concentrations in trench (Trench-6) and horizontals (H-11 and H-12) exceeded the 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. The analytical results indicated all confirmation samples in the area of the pad 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

TETRA TECH

Figures

SITE LOCATION

N
W E
S

0 2.5 5 Miles
Approximate Scale in Miles

Source: ESRI Basemap - Streets, 2022.

OVERVIEW MAP
FEARLESS 26 CTB
Property Located at 32.108171°, -103.640142°
LEA COUNTY, NEW MEXICO

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Project #:
212C-MD-02691

FIGURE
1

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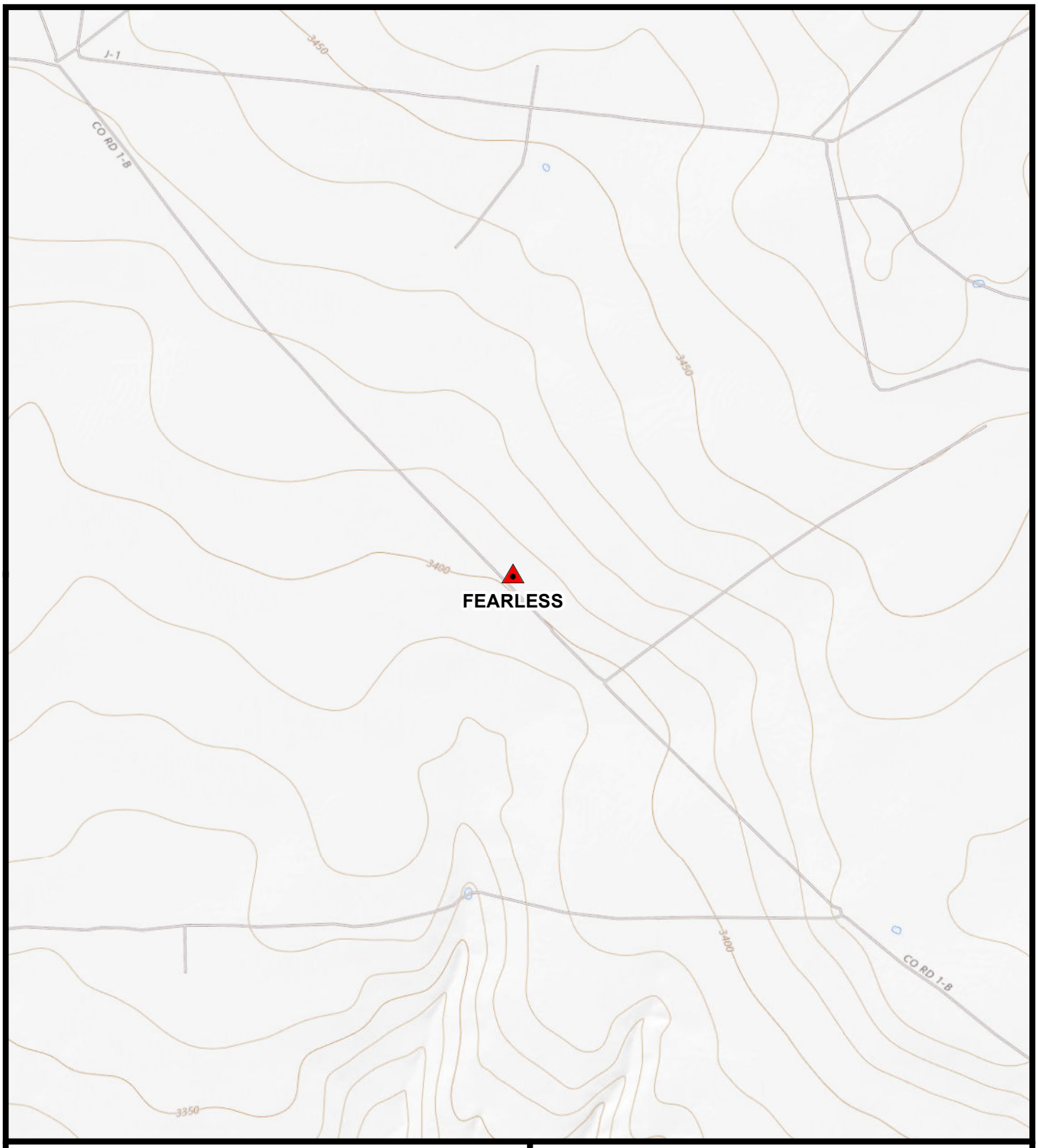

SITE LOCATION

N
W E
S

0 1,000 2,000 Feet
Approximate Scale in Feet

Source: USGS, The National Map, Topo Base, 2022.

TOPOGRAPHIC MAP
FEARLESS 26 CTB
Property Located at 32.108171°, -103.640142°
LEA COUNTY, NEW MEXICO

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Project #: 212C-MD-02691

FIGURE 2

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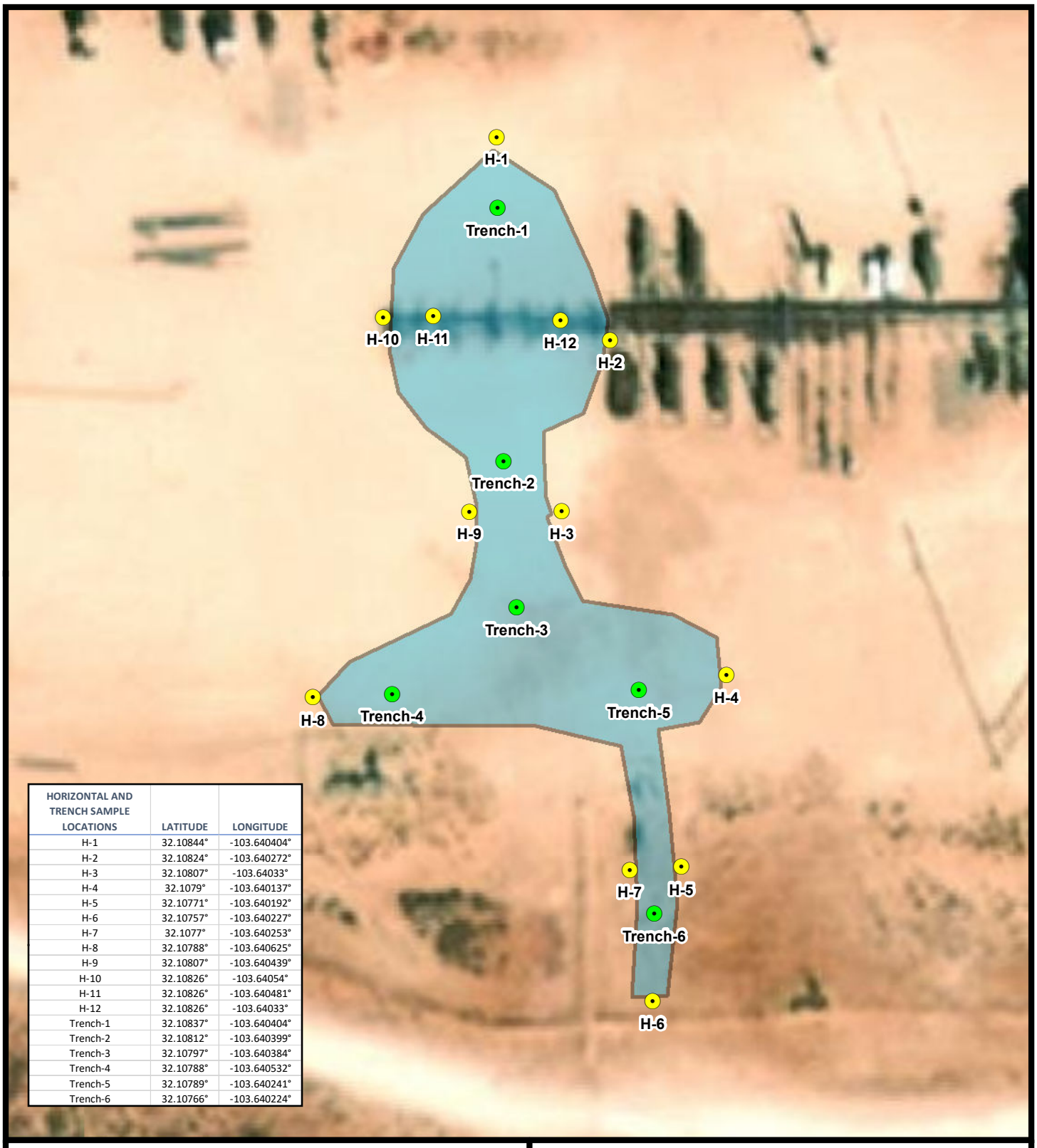

HORIZONTAL AND TRENCH SAMPLE LOCATIONS	LATITUDE	LONGITUDE
H-1	32.10844°	-103.640404°
H-2	32.10824°	-103.640272°
H-3	32.10807°	-103.64033°
H-4	32.1079°	-103.640137°
H-5	32.10771°	-103.640192°
H-6	32.10757°	-103.640227°
H-7	32.1077°	-103.640253°
H-8	32.10788°	-103.640625°
H-9	32.10807°	-103.640439°
H-10	32.10826°	-103.64054°
H-11	32.10826°	-103.640481°
H-12	32.10826°	-103.64033°
Trench-1	32.10837°	-103.640404°
Trench-2	32.10812°	-103.640399°
Trench-3	32.10797°	-103.640384°
Trench-4	32.10788°	-103.640532°
Trench-5	32.10789°	-103.640241°
Trench-6	32.10766°	-103.640224°

HORIZONTAL SAMPLE LOCATION

TRENCH SAMPLE LOCATION

SPILL AREA

N W E S

0 25 50 Feet

Approximate Scale in Feet

Source: ESRI Basemap, Imagery, 2021.

SITE ASSESSMENT MAP
FEARLESS 26 CTB
Property Located at 32.108171°, -103.640142°
LEA COUNTY, NEW MEXICO

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Project #: 212C-MD-02691

FIGURE 3

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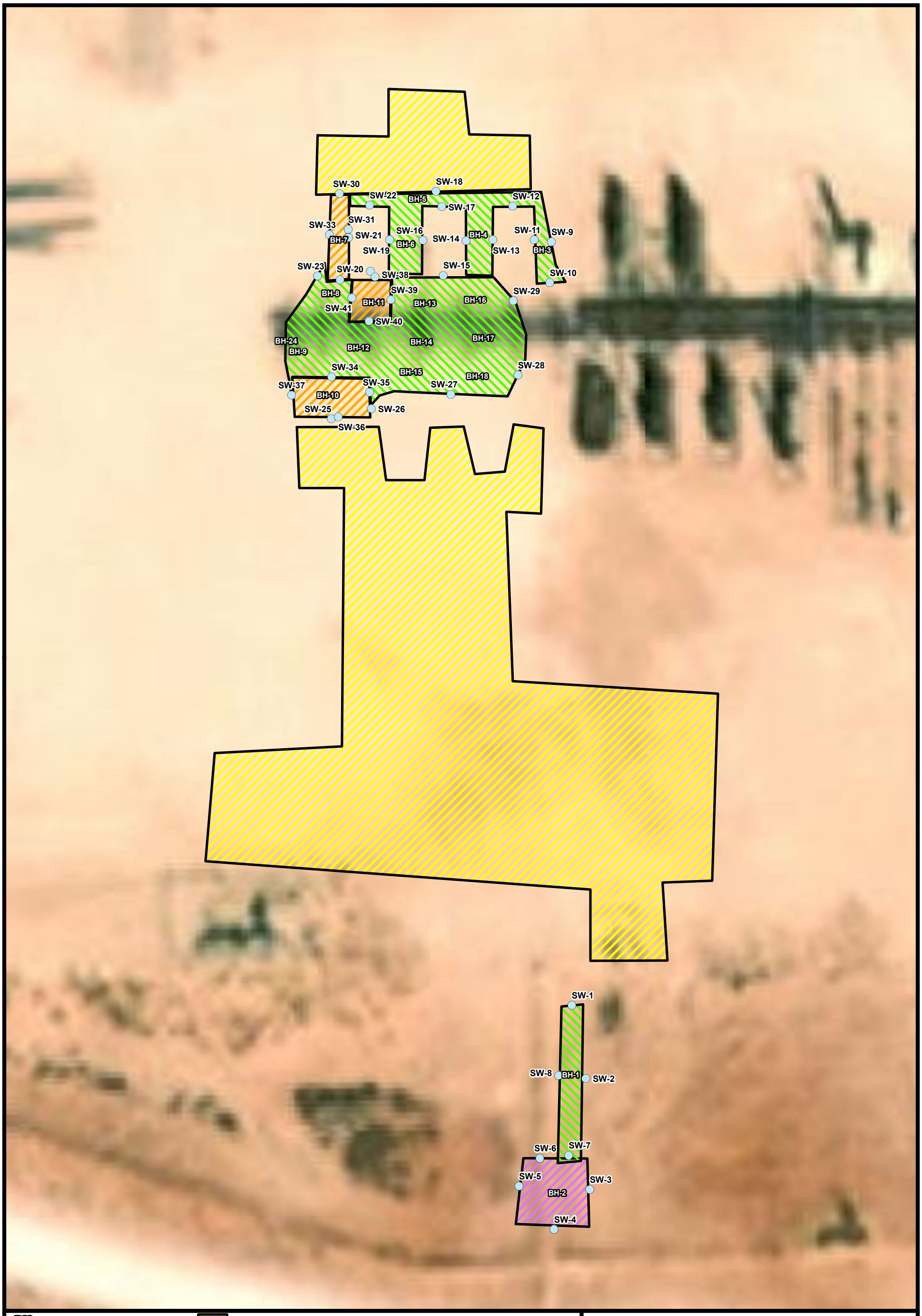

BH BOTTOM HOLE SAMPLE LOCATION

SIDEWALL DESIGNATION

0.5' SCRAPE

1.0' EXCAVATION AREA

2.0' EXCAVATION AREA

5.0' EXCAVATION AREA

N
W E
S

0 12.5 25 Feet

Approximate Scale in Feet

Source: ESRI Basemap, Imagery, 2021.

EXCAVATION AREA AND DEPTH MAP
FEARLESS 26 CTB
Property Located at 32.108171°, -103.640142°
LEA COUNTY, NEW MEXICO

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Project #: 212C-MD-02691

FIGURE 4

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TETRA TECH

Tables

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Table 1
EOG Resources
Fearles 26 CTB
Lea County, New Mexico

Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
RRALs								100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg
Trench-1	2/23/2022	0-1'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	15.2
	2/23/2022	2.0'	X	-	75.5	<50.0	<50.0	75.5	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	51.0
	2/23/2022	3.0'	X	-	70.2	<49.9	<49.9	70.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	15.0
	2/23/2022	4.0'	X	-	68.6	<49.9	<49.9	68.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	33.7
	2/23/2022	5.0'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7.78
Trench-2	2/23/2022	0-1'	X	-	71.1	<50.0	<50.0	71.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	562
	2/23/2022	2.0'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	209
	2/23/2022	3.0'	X	-	69.0	<49.9	<49.9	69.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	12.6
	2/23/2022	4.0'	X	-	76.8	<50.0	<50.0	76.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.9
Trench-3	2/23/2022	0-1'	X	-	68.3	<49.9	<49.9	68.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	238
	2/23/2022	2.0'	X	-	74.8	<50.0	<50.0	74.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	13.0
	2/23/2022	3.0'	X	-	83.7	<50.0	<50.0	83.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	16.5
	2/23/2022	4.0'	X	-	62.7	<50.0	<50.0	62.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	22.9
Trench-4	2/23/2022	0-1'	X	-	62.8	<49.9	<49.9	62.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	9.85
	2/23/2022	2.0'	X	-	69.0	<50.0	<50.0	69.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	45.2
	2/23/2022	3.0'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8.38
	2/23/2022	4.0'	X	-	65.4	<50.0	<50.0	65.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6.15
Trench-5	2/23/2022	0-1'	X	-	51.2	<49.9	<49.9	51.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	140
	2/23/2022	2.0'	X	-	54.4	<50.0	<50.0	54.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	12.5
	2/23/2022	3.0'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	18.0
	2/23/2022	4.0'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	18.7
Trench-6	2/23/2022	0-1'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1870**
	2/23/2022	2.0'	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	306
	2/23/2022	3.0'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	42.8
	2/23/2022	4.0'	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	83.7

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Table 1
EOG Resources
Fearles 26 CTB
Lea County, New Mexico

Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
RRALs								**100 mg/kg**	**10 mg/kg**				**50 mg/kg**	**600 mg/kg**
H-1	2/17/2022	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
H-2	2/17/2022	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
H-3	2/17/2022	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48
H-4	2/17/2022	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
H-5	2/17/2022	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
H-6	2/17/2022	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64
H-7	2/17/2022	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
H-8	2/17/2022	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-9	2/17/2022	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
H-10	2/17/2022	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48
H-11	2/23/2022	0-0.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**5920**
H-12	2/23/2022	0-0.5	X	-	**3230**	**316**	<49.9	**3550**	<0.00199	<0.00199	0.0657	0.883	0.949	**9120**

NOTES
RRALs (Recommended Remediation Action Levels) are based on NMOCD (New Mexico Oil Conservation Devision) *Guidelines for Remediation of Leaks, Spills, and Releases.*
All screening values and results are presented in milligrams per kilogram (mg/kg)
Bolded cells represent a detected concentration above the respective screening value.
< = analyte was not detected above the respective sample detection limit
ft = feet below ground surface
(-) = not analyzed for respective constituent
TPH = total petroleum hydrocarbons
BTEX = benzene, toluene, ethylbenzene, xylene
Remediated

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Table 2
EOG Resources
Fearless 26 CTB
Lea County, New Mexico

Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
RRALs								100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg
BH-1	3/4/2022	1.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
BH-2	3/4/2022	5.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-3	3/7/2022	1.0	-	X	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
BH-4	3/7/2022	1.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
BH-5	3/7/2022	1.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-6	3/7/2022	1.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
BH-7	3/7/2022	1.0	-	X	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,080
	3/9/2022	2.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-8	3/7/2022	1.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
BH-9	3/7/2022	1.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
BH-10	3/7/2022	1.0	-	X	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,120
	3/9/2022	2.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
BH-11	3/7/2022	1.0	-	X	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,490
	3/9/2022	2.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
BH-12	3/7/2022	1.0	-	X	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-13	3/7/2022	1.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-14	3/7/2022	1.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
BH-15	3/7/2022	1.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-16	3/7/2022	1.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
BH-17	3/7/2022	1.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
BH-18	3/7/2022	1.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-1	3/2/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-2	3/2/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-3	3/2/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-4	3/2/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-5	3/4/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-6	3/4/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-7	3/4/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-8	3/4/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-9	3/7/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-10	3/7/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-11	3/7/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-12	3/7/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-13	3/7/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0

Released to Imaging: 4/26/2022 4:21:42 PM

Received by OCD: 3/30/2022 9:02:46 PM

Table 2
EOG Resources
Fearless 26 CTB
Lea County, New Mexico

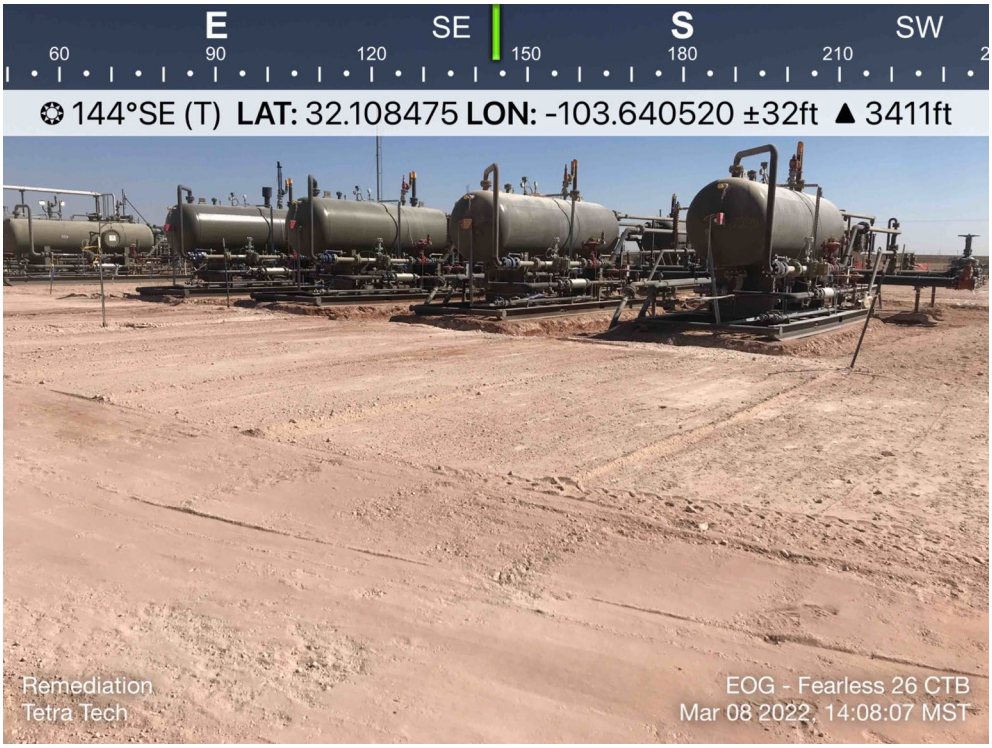
Sample ID	Sample Date	Excavtion Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	GRO	DRO	MRO	Total						
RRALs								100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg
SW-14	3/7/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-15	3/7/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-16	3/7/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-17	3/7/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-18	3/7/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-19	3/7/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-20	3/7/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-21	3/7/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-22	3/7/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-23	3/7/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-24	3/7/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-25	3/7/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-26	3/7/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-27	3/7/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-28	3/7/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-29	3/7/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-30	3/9/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-31	3/9/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-32	3/9/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-33	3/9/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-34	3/9/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-35	3/9/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-36	3/9/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-37	3/9/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-38	3/9/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-39	3/9/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-40	3/9/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-41	3/9/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0

NOTES
RRALs (Recommended Remediation Action Levels) are based on NMOCD (New Mexico Oil Conservation Devision) *Guidelines for Remediation of Leaks, Spills, and Releases.*
All screening values and results are presented in milligrams per kilogram (mg/kg)
Bolded cells represent a detected concentration above the respective screening value.
< = analyte was not detected above the respective sample detection limit
ft = feet below ground surface
(-) = not analyzed for respective constituent
TPH = total petroleum hydrocarbons
BTEX = benzene, toluene, ethylbenzene, xylene
Remediated

TETRA TECH

Photographic Documentation

EOG Resources
Fearless 26 CTB
Lea County, New Mexico

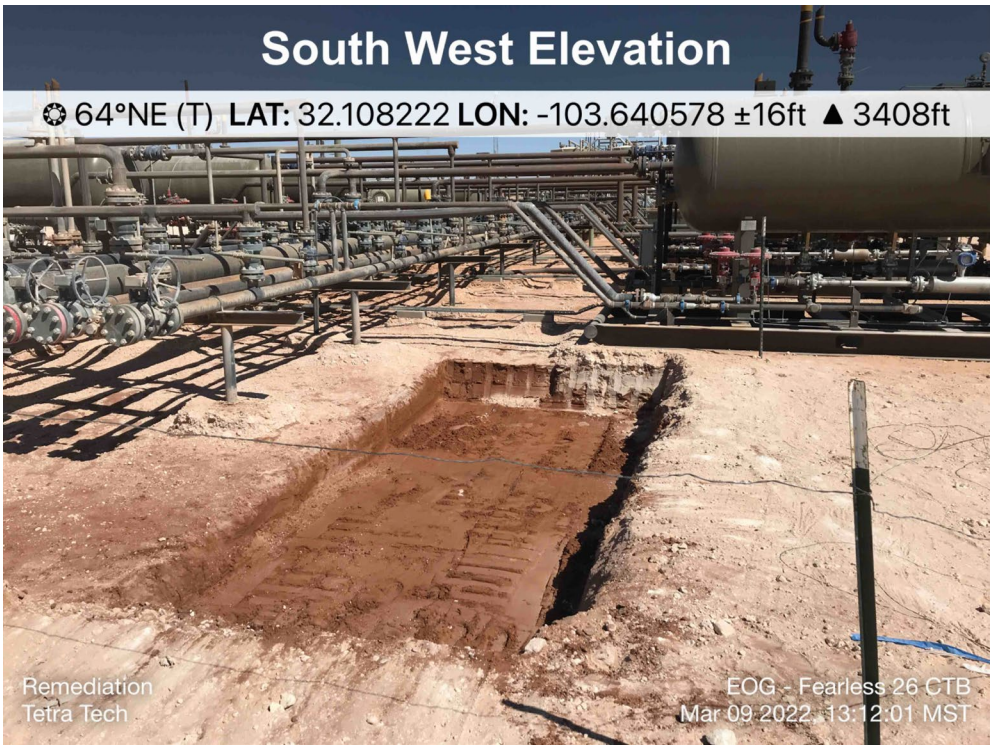


View of Remediation Activities – View Southeast

View of Remediation Activities – View South

EOG Resources
Fearless 26 CTB
Lea County, New Mexico

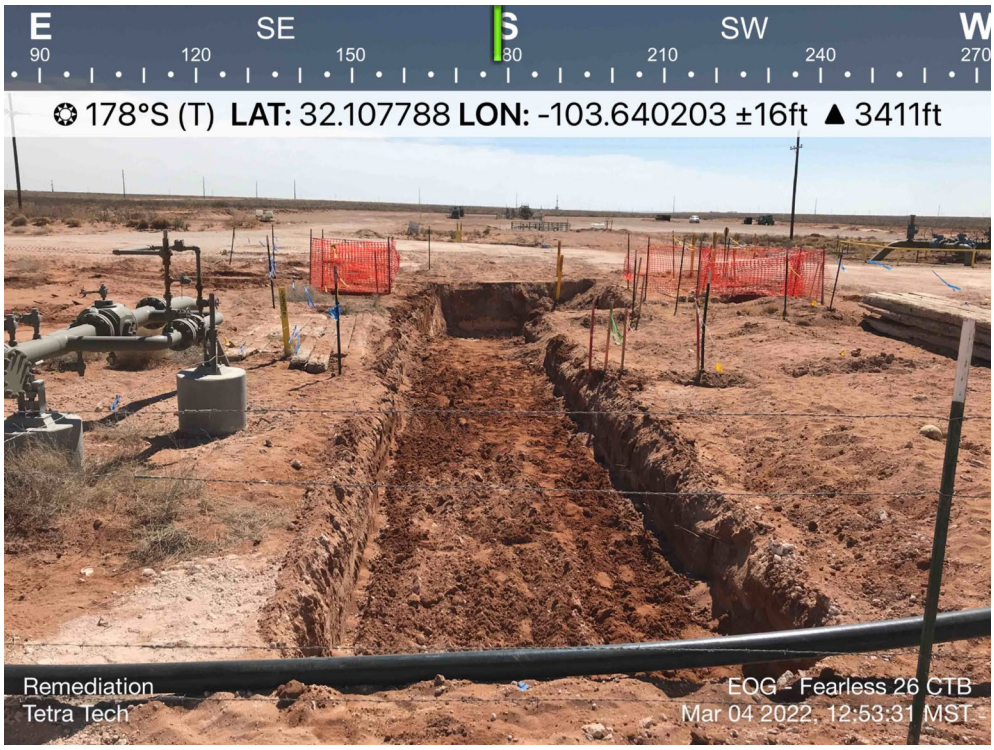
View of Remediation Activities – View South



View of Remediation Activities – View Northeast

EOG Resources
Fearless 26 CTB
Lea County, New Mexico

View of Remediation Activities – View North



View of Remediation Activities – View South

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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

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	nAPP2202839974
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name Todd Wells	Contact Telephone (432) 686-3613
Contact email Todd_Wells@eogresources.com	Incident # *(assigned by OCD)* nAPP2202839974
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.108171° Longitude -103.640142°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Fearless 26 CTB	Site Type CTB
Date Release Discovered 1/18/22	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
A	26	25S	32E	Lea

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 100	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ 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: A split developed in the 3" poly line causing the release. This released approximately 100 bbls of produced water on the pad with 0 bbls recovered.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2202839974
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? More than 25 bbls.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? E-mail notification to the OCD Enviro inbox on 1/18/22.

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.

If all the actions described above have not been undertaken, explain why:

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

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

Printed Name: Todd Wells Title: Environmental Specialist

Signature: Todd Wells Date: 1-28-22

email: Todd_Wells@eogresources.com Telephone: (432) 686-3613

OCD Only

Received by: Ramona Marcus Date: 2/8/2022

State of New Mexico
Oil Conservation Division

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 **not** 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 vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

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

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

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

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 19.15.29.11 NMAC

☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☐ Description of remediation activities

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Jennifer Nobui Date: 04/26/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

TETRA TECH

Appendix B

Site Characterization Documents

USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: New Mexico | GO

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 320504103361801

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 320504103361801 25S.33E.31.24232

Lea County, New Mexico
Latitude 32°05'21.6", Longitude 103°36'12.7" NAD83
Land-surface elevation 3,403.00 feet above NGVD29
The depth of the well is 320 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1954-07-26		D	62610		3145.45	NGVD29	1	Z			A
1954-07-26		D	62611		3147.08	NAVD88	1	Z			A
1954-07-26		D	72019	257.55			1	Z			A
1970-12-08		D	62610		3162.86	NGVD29	P	Z			A
1970-12-08		D	62611		3164.49	NAVD88	P	Z			A
1970-12-08		D	72019	240.14			P	Z			A
2013-01-16	19:45 UTC	m	62610		3170.04	NGVD29	1	S	USGS	S	A
2013-01-16	19:45 UTC	m	62611		3171.67	NAVD88	1	S	USGS	S	A
2013-01-16	19:45 UTC	m	72019	232.96			1	S	USGS	S	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
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
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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

New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
20E6C	C 04537 POD1	4	4	4	31	25S	33E	631847	3550243

Driller License: 1706 **Driller Company:** ELITE DRILLERS CORPORATION

Driller Name: WALLACE, BRYCE J.LEE.NER

Drill Start Date:	06/11/2021	**Drill Finish Date:**	06/12/2021	**Plug Date:**	
Log File Date:	06/21/2021	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	5 GPM
Casing Size:	4.00	**Depth Well:**	500 feet	**Depth Water:**	280 feet

Water Bearing Stratifications:

Top	Bottom	Description
220	340	Sandstone/Gravel/Conglomerate

Casing Perforations:

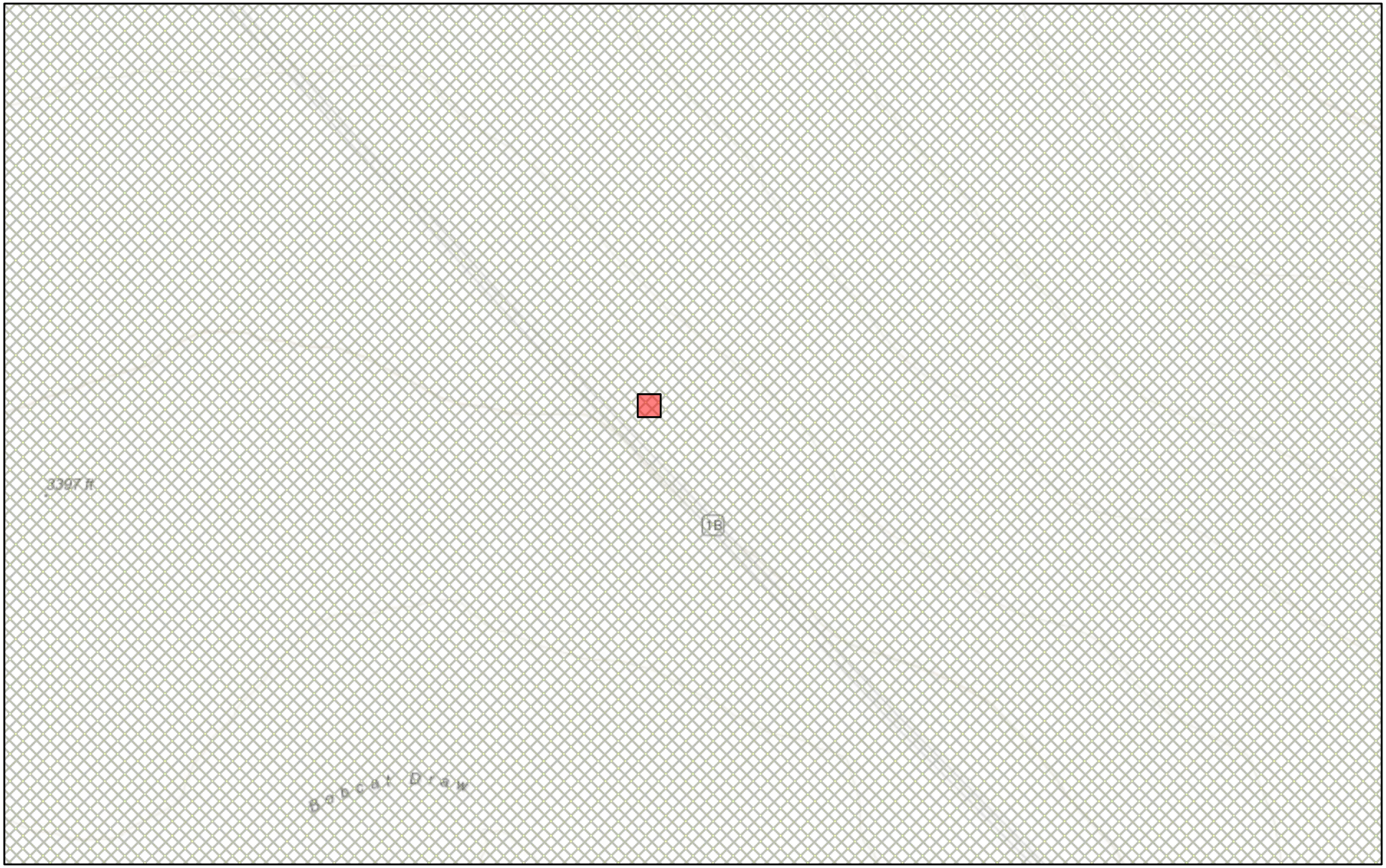
Top	Bottom
300	500

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.

Released to Imaging: 4/26/2022 4:21:42 PM

Received by OCD: 3/30/2022 9:02:46 PM

New Mexico NFHL Data



February 27, 2022

1:9,028

0 0.05 0.1 0.2 mi

0 0.1 0.2 0.4 km

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

nmflood.org is made possible through a collaboration with NMDHSEM,

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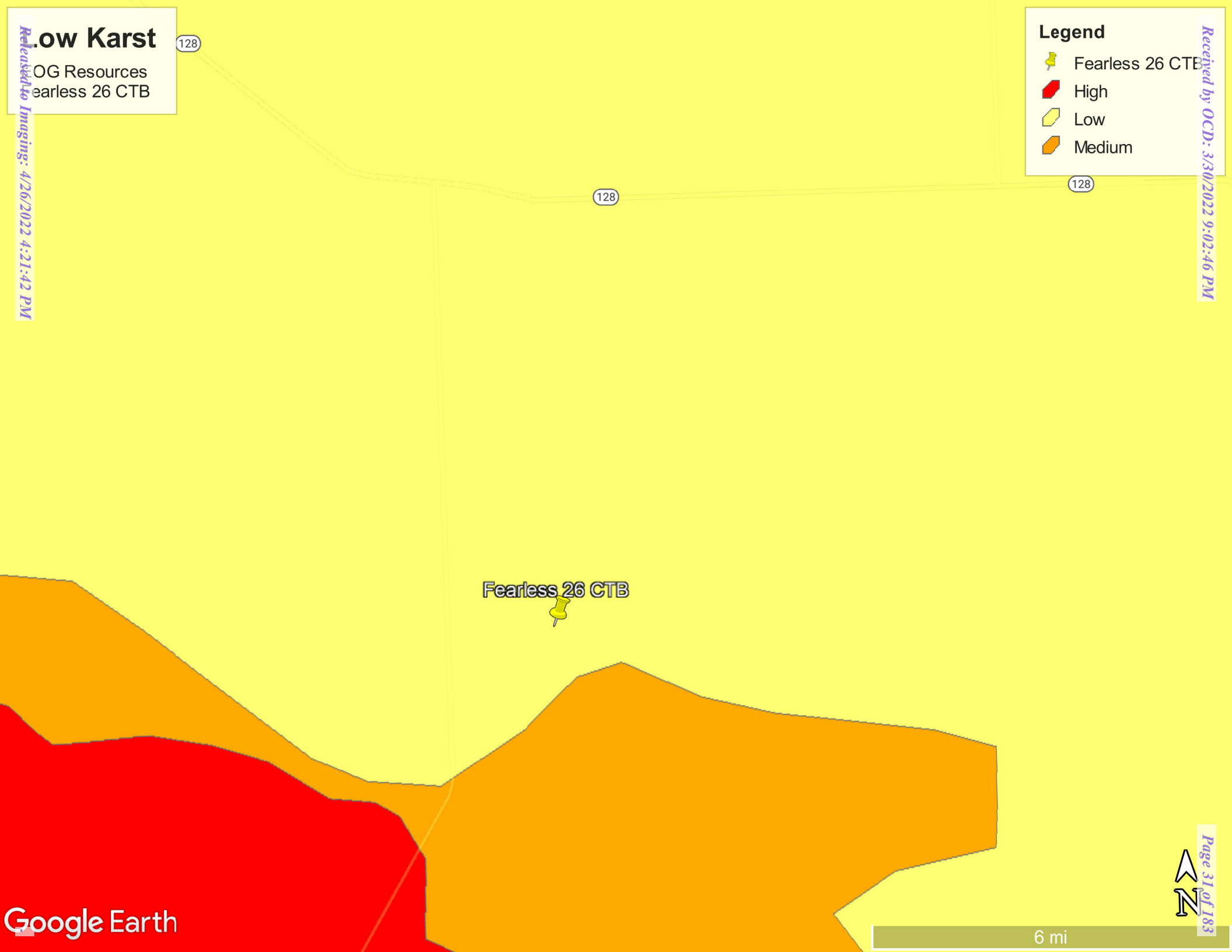
Received by OCD: 3/30/2022 9:02:46 PM

Released to Imaging: 4/26/2022 4:21:42 PM

Low Karst

EOG Resources
Fearless 26 CTB



Water Well Data
Average Depth to Groundwater (ft)
EOG Resources
Fearless 26 CTB
Lea County, New Mexico

24 South 31 East

6	5	4	3	2 205 160	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26 Site	25
31	32	33 474	34	35	36

24 South 32 East

6	5	4	3	2	1
7	8	9	10 20	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33 290	34	35	36

24 South 33 East

6	5	4	3	2	1
7	8	9	10 20 22	11	12
18	17	16	15	14	13
19	20	21	22	23 208	24 16.9
30	29	28	27	26	25
31	32	33 70 93.2	34	35	36

25 South 31 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21 390 290	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

25 South 32 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32 290	33	34	35	36

25 South 33 East

6	5 118	4	3 172	2	1
7	8	9	10	11 140	12 200
18	17	16	15	14	13 185
19	20 200	21 120	22	23	24
30	29	28	27 125	26 110	25
31 190	32	33	34	35	36

26 South 31 East

6	5	4	3	2	1 335 287
7	8 295 275	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

26 South 32 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21 333 180	22	23	24
30	29	28	27	26	25
31 295	32	33	34	35	36

26 South 33 East

6	5	4	3 180	2	1
7	8	9 106	10 124	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27 80	26	25
31	32	33	34	35	36

88 New Mexico State Engineers Well Reports
105 USGS Well Reports
90 Geology and Groundwater Conditions in Southern Lea, County, NM (Report 6)
Geology and Groundwater Resources of Eddy County, NM (Report 3)
34 NMOCD - Groundwater Data
123 Tetra Tech installed temporary wells and field water level
143 NMOCD Groundwater map well location

TETRA TECH

Appendix C

Laboratory Reports

CARDINAL Laboratories

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

February 23, 2022

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: FEARLESS 26 CTB

Enclosed are the results of analyses for samples received by the laboratory on 02/21/22 16:45.

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

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.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/23/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: H - 1 (H220666-01)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2022	ND	2.12	106	2.00	12.8	
Toluene*	<0.050	0.050	02/22/2022	ND	2.26	113	2.00	4.34	
Ethylbenzene*	<0.050	0.050	02/22/2022	ND	2.19	110	2.00	4.08	
Total Xylenes*	<0.150	0.150	02/22/2022	ND	6.80	113	6.00	4.76	
Total BTEX	<0.300	0.300	02/22/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	02/22/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2022	ND	199	99.5	200	13.8	
DRO >C10-C28*	<10.0	10.0	02/22/2022	ND	201	100	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/22/2022	ND					

Surrogate: 1-Chlorooctane *85.2 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *85.5 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/23/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: H - 2 (H220666-02)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2022	ND	2.12	106	2.00	12.8	
Toluene*	<0.050	0.050	02/22/2022	ND	2.26	113	2.00	4.34	
Ethylbenzene*	<0.050	0.050	02/22/2022	ND	2.19	110	2.00	4.08	
Total Xylenes*	<0.150	0.150	02/22/2022	ND	6.80	113	6.00	4.76	
Total BTEX	<0.300	0.300	02/22/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	02/22/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2022	ND	199	99.5	200	13.8	
DRO >C10-C28*	<10.0	10.0	02/22/2022	ND	201	100	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/22/2022	ND					

Surrogate: 1-Chlorooctane *94.7 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *95.5 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/23/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: H - 3 (H220666-03)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2022	ND	2.12	106	2.00	12.8	
Toluene*	<0.050	0.050	02/22/2022	ND	2.26	113	2.00	4.34	
Ethylbenzene*	<0.050	0.050	02/22/2022	ND	2.19	110	2.00	4.08	
Total Xylenes*	<0.150	0.150	02/22/2022	ND	6.80	113	6.00	4.76	
Total BTEX	<0.300	0.300	02/22/2022	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/22/2022	ND	416	104	400	3.77	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2022	ND	199	99.5	200	13.8	
DRO >C10-C28*	<10.0	10.0	02/22/2022	ND	201	100	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/22/2022	ND					

Surrogate: 1-Chlorooctane *88.2 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *89.8 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/23/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: H - 4 (H220666-04)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2022	ND	2.12	106	2.00	12.8	
Toluene*	<0.050	0.050	02/22/2022	ND	2.26	113	2.00	4.34	
Ethylbenzene*	<0.050	0.050	02/22/2022	ND	2.19	110	2.00	4.08	
Total Xylenes*	<0.150	0.150	02/22/2022	ND	6.80	113	6.00	4.76	
Total BTEX	<0.300	0.300	02/22/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/22/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2022	ND	199	99.5	200	13.8	
DRO >C10-C28*	<10.0	10.0	02/22/2022	ND	201	100	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/22/2022	ND					

Surrogate: 1-Chlorooctane *76.5 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *76.5 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/23/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: H - 5 (H220666-05)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2022	ND	2.12	106	2.00	12.8	
Toluene*	<0.050	0.050	02/22/2022	ND	2.26	113	2.00	4.34	
Ethylbenzene*	<0.050	0.050	02/22/2022	ND	2.19	110	2.00	4.08	
Total Xylenes*	<0.150	0.150	02/22/2022	ND	6.80	113	6.00	4.76	
Total BTEX	<0.300	0.300	02/22/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/22/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2022	ND	199	99.5	200	13.8	
DRO >C10-C28*	<10.0	10.0	02/22/2022	ND	201	100	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/22/2022	ND					

Surrogate: 1-Chlorooctane *89.7 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *90.1 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/23/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: H - 6 (H220666-06)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2022	ND	2.12	106	2.00	12.8	
Toluene*	<0.050	0.050	02/22/2022	ND	2.26	113	2.00	4.34	
Ethylbenzene*	<0.050	0.050	02/22/2022	ND	2.19	110	2.00	4.08	
Total Xylenes*	<0.150	0.150	02/22/2022	ND	6.80	113	6.00	4.76	
Total BTEX	<0.300	0.300	02/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *69.9-140*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/22/2022	ND	416	104	400	3.77	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2022	ND	199	99.5	200	13.8	
DRO >C10-C28*	<10.0	10.0	02/22/2022	ND	201	100	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/22/2022	ND					

Surrogate: 1-Chlorooctane *88.2 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *89.8 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/23/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: H - 7 (H220666-07)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2022	ND	2.12	106	2.00	12.8	
Toluene*	<0.050	0.050	02/22/2022	ND	2.26	113	2.00	4.34	
Ethylbenzene*	<0.050	0.050	02/22/2022	ND	2.19	110	2.00	4.08	
Total Xylenes*	<0.150	0.150	02/22/2022	ND	6.80	113	6.00	4.76	
Total BTEX	<0.300	0.300	02/22/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/22/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2022	ND	199	99.5	200	13.8	
DRO >C10-C28*	<10.0	10.0	02/22/2022	ND	201	100	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/22/2022	ND					

Surrogate: 1-Chlorooctane *86.8 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *86.5 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/23/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: H - 8 (H220666-08)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2022	ND	2.12	106	2.00	12.8	
Toluene*	<0.050	0.050	02/22/2022	ND	2.26	113	2.00	4.34	
Ethylbenzene*	<0.050	0.050	02/22/2022	ND	2.19	110	2.00	4.08	
Total Xylenes*	<0.150	0.150	02/22/2022	ND	6.80	113	6.00	4.76	
Total BTEX	<0.300	0.300	02/22/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/22/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2022	ND	199	99.5	200	13.8	
DRO >C10-C28*	<10.0	10.0	02/22/2022	ND	201	100	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/22/2022	ND					

Surrogate: 1-Chlorooctane *99.8 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *103 %* *59.5-142*

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/23/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: H - 9 (H220666-09)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2022	ND	2.12	106	2.00	12.8	
Toluene*	<0.050	0.050	02/22/2022	ND	2.26	113	2.00	4.34	
Ethylbenzene*	<0.050	0.050	02/22/2022	ND	2.19	110	2.00	4.08	
Total Xylenes*	<0.150	0.150	02/22/2022	ND	6.80	113	6.00	4.76	
Total BTEX	<0.300	0.300	02/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	02/22/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2022	ND	199	99.5	200	13.8	
DRO >C10-C28*	<10.0	10.0	02/22/2022	ND	201	100	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/22/2022	ND					

Surrogate: 1-Chlorooctane *88.5 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *88.8 %* *59.5-142*

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Analytical Results For:

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

Received:	02/21/2022	Sampling Date:	02/17/2022
Reported:	02/23/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: H - 10 (H220666-10)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2022	ND	2.12	106	2.00	12.8	
Toluene*	<0.050	0.050	02/22/2022	ND	2.26	113	2.00	4.34	
Ethylbenzene*	<0.050	0.050	02/22/2022	ND	2.19	110	2.00	4.08	
Total Xylenes*	<0.150	0.150	02/22/2022	ND	6.80	113	6.00	4.76	
Total BTEX	<0.300	0.300	02/22/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/22/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2022	ND	199	99.5	200	13.8	
DRO >C10-C28*	<10.0	10.0	02/22/2022	ND	201	100	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/22/2022	ND					

Surrogate: 1-Chlorooctane *94.5 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *96.5 %* *59.5-142*

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Notes and Definitions

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

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Analysis Request of Chain of Custody Record

Page 1 of 1

Tetra Tech, Inc.

4000 N. Big Spring Street, Ste 401 Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG

Site Manager: Brittany Long

Project Name: Fearless 26 CTB

Project Location: (county, state) Lea County, NM

Project #: 212C-MD-02641 Task 100

Invoice to: Bill direct to EOG ATTN: Todd Wells

Receiving Lab: Cardinal

Receiving Laboratory: ~~ATTN: James Kennedy~~ Bill direct to EOG

Sampler Signature: Matthew Eastegin

Comments: Brittany.Long@tetratech.com

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2022)	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE HCL	PRESERVATIVE HNO_3	PRESERVATIVE ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B / BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Sulfate	TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Asbestos			Hold
H220606 1	H-1	2/17/22	1340		X			X	1	N	X		X												X								
2	H-2	"	1400							N																							
3	H-3		1420							N																							
4	H-4		1440							N																							
5	H-5		1500							N																							
6	H-6		1520							N																							
7	H-7		1540							N																							
8	H-8		1600							N																							
9	H-9		1625							N																							
10	H-10		1655							N																							

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Matthew Eastegin	2/21/22		Tamara Oldham	2-21-22	1645

LAB USE ONLY

Sample Temperature 3.1°C C-0.5°C 2.6°C #113

REMARKS:

☒ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

ORIGINAL COPY

Received by OCD: 3/30/2022 9:02:46 PM

Released to Imaging: 4/26/2022 4:21:42 PM

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-11700-1
Laboratory Sample Delivery Group: Lea County, New Mexico
Client Project/Site: Fearless 26 CTB

For:
Tetra Tech, Inc.
901 W Wall
Ste 100
Midland, Texas 79701

Attn: Clair Gonzales

JKramer

Authorized for release by:
2/25/2022 9:34:50 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
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
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Job ID: 880-11700-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-11700-1

Receipt
The samples were received on 2/24/2022 1:58 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 3.4°C

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-20239 and analytical batch 880-20238 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-20239 and analytical batch 880-20238 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-20246 and analytical batch 880-20187 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-20253/2-A) and (880-11670-A-1-D MS). 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 880-20266 and analytical batch 880-20267 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.

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (0-1')

Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-1
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 18:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 18:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 18:02	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/24/22 14:07	02/24/22 18:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 18:02	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/24/22 14:07	02/24/22 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*02/24/22 14:07*	*02/24/22 18:02*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*02/24/22 14:07*	*02/24/22 18:02*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/25/22 11:56	1

Method: 8015B NM - Diesel Range Organics (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		02/24/22 15:14	02/24/22 23:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1 F2	50.0		mg/Kg		02/24/22 15:14	02/24/22 23:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/22 15:14	02/24/22 23:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*02/24/22 15:14*	*02/24/22 23:53*	*1*
o-Terphenyl	*92*		*70 - 130*	*02/24/22 15:14*	*02/24/22 23:53*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.2**		5.02		mg/Kg			02/24/22 20:49	1

Client Sample ID: T-1 (2')

Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-2
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/24/22 14:07	02/24/22 18:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/24/22 14:07	02/24/22 18:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/24/22 14:07	02/24/22 18:22	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		02/24/22 14:07	02/24/22 18:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/24/22 14:07	02/24/22 18:22	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/24/22 14:07	02/24/22 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*02/24/22 14:07*	*02/24/22 18:22*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/24/22 14:07*	*02/24/22 18:22*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (2')

Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-2
Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**75.5**		50.0		mg/Kg			02/25/22 11:56	1

Method: 8015B NM - Diesel Range Organics (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		02/24/22 15:14	02/25/22 00:54	1
Diesel Range Organics (Over C10-C28)	**75.5**		50.0		mg/Kg		02/24/22 15:14	02/25/22 00:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/22 15:14	02/25/22 00:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*02/24/22 15:14*	*02/25/22 00:54*	*1*
o-Terphenyl	*100*		*70 - 130*	*02/24/22 15:14*	*02/25/22 00:54*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**51.0**		4.98		mg/Kg			02/24/22 20:57	1

Client Sample ID: T-1 (3')

Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-3
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/24/22 14:07	02/24/22 18:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/24/22 14:07	02/24/22 18:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/24/22 14:07	02/24/22 18:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/24/22 14:07	02/24/22 18:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/24/22 14:07	02/24/22 18:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/24/22 14:07	02/24/22 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*02/24/22 14:07*	*02/24/22 18:43*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/24/22 14:07*	*02/24/22 18:43*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**70.2**		49.9		mg/Kg			02/25/22 11:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/24/22 15:14	02/25/22 01:14	1
Diesel Range Organics (Over C10-C28)	**70.2**		49.9		mg/Kg		02/24/22 15:14	02/25/22 01:14	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (3')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/24/22 15:14	02/25/22 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*02/24/22 15:14*	*02/25/22 01:14*	*1*
o-Terphenyl	*111*		*70 - 130*	*02/24/22 15:14*	*02/25/22 01:14*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.0**		4.98		mg/Kg			02/24/22 21:24	1

Client Sample ID: T-1 (4')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-4
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 19:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 19:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 19:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/24/22 14:07	02/24/22 19:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 19:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/24/22 14:07	02/24/22 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*02/24/22 14:07*	*02/24/22 19:03*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*02/24/22 14:07*	*02/24/22 19:03*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**68.6**		49.9		mg/Kg			02/25/22 11:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/24/22 15:14	02/25/22 01:35	1
Diesel Range Organics (Over C10-C28)	**68.6**		49.9		mg/Kg		02/24/22 15:14	02/25/22 01:35	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/24/22 15:14	02/25/22 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*02/24/22 15:14*	*02/25/22 01:35*	*1*
o-Terphenyl	*116*		*70 - 130*	*02/24/22 15:14*	*02/25/22 01:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33.7**		4.97		mg/Kg			02/24/22 21:33	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (5')

Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-5
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/24/22 19:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/24/22 19:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/24/22 19:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/24/22 14:07	02/24/22 19:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/24/22 19:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/24/22 14:07	02/24/22 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*02/24/22 14:07*	*02/24/22 19:23*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*02/24/22 14:07*	*02/24/22 19:23*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/25/22 11:56	1

Method: 8015B NM - Diesel Range Organics (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		02/24/22 15:14	02/25/22 01:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/22 15:14	02/25/22 01:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/22 15:14	02/25/22 01:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*02/24/22 15:14*	*02/25/22 01:56*	*1*
o-Terphenyl	*98*		*70 - 130*	*02/24/22 15:14*	*02/25/22 01:56*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.78**		5.00		mg/Kg			02/24/22 21:42	1

Client Sample ID: T-2 (0-1')

Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-6
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/24/22 19:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/24/22 19:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/24/22 19:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/24/22 14:07	02/24/22 19:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/24/22 19:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/24/22 14:07	02/24/22 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*02/24/22 14:07*	*02/24/22 19:44*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/24/22 14:07*	*02/24/22 19:44*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-11700-6
Matrix: Solid
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**71.1**		50.0		mg/Kg			02/25/22 11:56	1

Method: 8015B NM - Diesel Range Organics (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		02/24/22 15:14	02/25/22 02:16	1
Diesel Range Organics (Over C10-C28)	**71.1**		50.0		mg/Kg		02/24/22 15:14	02/25/22 02:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/22 15:14	02/25/22 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*02/24/22 15:14*	*02/25/22 02:16*	*1*
o-Terphenyl	*103*		*70 - 130*	*02/24/22 15:14*	*02/25/22 02:16*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**562**		4.96		mg/Kg			02/24/22 21:50	1

Client Sample ID: T-2 (2')

Lab Sample ID: 880-11700-7
Matrix: Solid
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 20:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 20:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 20:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/24/22 14:07	02/24/22 20:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 20:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/24/22 14:07	02/24/22 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*02/24/22 14:07*	*02/24/22 20:04*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*02/24/22 14:07*	*02/24/22 20:04*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/25/22 11:56	1

Method: 8015B NM - Diesel Range Organics (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		02/24/22 15:14	02/25/22 02:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/22 15:14	02/25/22 02:36	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (2')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/22 15:14	02/25/22 02:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*02/24/22 15:14*	*02/25/22 02:36*	*1*
o-Terphenyl	*96*		*70 - 130*	*02/24/22 15:14*	*02/25/22 02:36*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**209**		4.99		mg/Kg			02/24/22 21:59	1

Client Sample ID: T-2 (3')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-8
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 20:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 20:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 20:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/24/22 14:07	02/24/22 20:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 20:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/24/22 14:07	02/24/22 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*02/24/22 14:07*	*02/24/22 20:25*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*02/24/22 14:07*	*02/24/22 20:25*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**69.0**		49.9		mg/Kg			02/25/22 11:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/24/22 15:14	02/25/22 02:57	1
Diesel Range Organics (Over C10-C28)	**69.0**		49.9		mg/Kg		02/24/22 15:14	02/25/22 02:57	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/24/22 15:14	02/25/22 02:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*02/24/22 15:14*	*02/25/22 02:57*	*1*
o-Terphenyl	*109*		*70 - 130*	*02/24/22 15:14*	*02/25/22 02:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.6**		5.05		mg/Kg			02/24/22 22:08	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (4')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-9
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/24/22 20:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/24/22 20:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/24/22 20:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/24/22 14:07	02/24/22 20:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/24/22 20:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/24/22 14:07	02/24/22 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*02/24/22 14:07*	*02/24/22 20:45*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*02/24/22 14:07*	*02/24/22 20:45*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**76.8**		50.0		mg/Kg			02/25/22 11:56	1

Method: 8015B NM - Diesel Range Organics (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		02/24/22 15:14	02/25/22 03:17	1
Diesel Range Organics (Over C10-C28)	**76.8**		50.0		mg/Kg		02/24/22 15:14	02/25/22 03:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/22 15:14	02/25/22 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*02/24/22 15:14*	*02/25/22 03:17*	*1*
o-Terphenyl	*107*		*70 - 130*	*02/24/22 15:14*	*02/25/22 03:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.9**		5.00		mg/Kg			02/24/22 22:35	1

Client Sample ID: T-3 (0-1')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-10
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 21:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 21:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 21:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/24/22 14:07	02/24/22 21:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 21:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/24/22 14:07	02/24/22 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*02/24/22 14:07*	*02/24/22 21:05*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*02/24/22 14:07*	*02/24/22 21:05*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-11700-10
Matrix: Solid

Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**68.3**		49.9		mg/Kg			02/25/22 11:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/24/22 15:14	02/25/22 03:38	1
Diesel Range Organics (Over C10-C28)	**68.3**		49.9		mg/Kg		02/24/22 15:14	02/25/22 03:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/24/22 15:14	02/25/22 03:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*02/24/22 15:14*	*02/25/22 03:38*	*1*
o-Terphenyl	*104*		*70 - 130*	*02/24/22 15:14*	*02/25/22 03:38*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**238**		4.99		mg/Kg			02/24/22 22:44	1

Client Sample ID: T-3 (2')

Lab Sample ID: 880-11700-11
Matrix: Solid

Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/24/22 22:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/24/22 22:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/24/22 22:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/24/22 14:07	02/24/22 22:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/24/22 22:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/24/22 14:07	02/24/22 22:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*02/24/22 14:07*	*02/24/22 22:56*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/24/22 14:07*	*02/24/22 22:56*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**74.8**		50.0		mg/Kg			02/25/22 11:56	1

Method: 8015B NM - Diesel Range Organics (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		02/24/22 15:14	02/25/22 04:19	1
Diesel Range Organics (Over C10-C28)	**74.8**		50.0		mg/Kg		02/24/22 15:14	02/25/22 04:19	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (2')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/22 15:14	02/25/22 04:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*02/24/22 15:14*	*02/25/22 04:19*	*1*
o-Terphenyl	*104*		*70 - 130*	*02/24/22 15:14*	*02/25/22 04:19*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.0**		5.05		mg/Kg			02/24/22 23:10	1

Client Sample ID: T-3 (3')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-12
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 23:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 23:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 23:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/24/22 14:07	02/24/22 23:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 23:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/24/22 14:07	02/24/22 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*02/24/22 14:07*	*02/24/22 23:16*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*02/24/22 14:07*	*02/24/22 23:16*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**83.7**		50.0		mg/Kg			02/25/22 11:56	1

Method: 8015B NM - Diesel Range Organics (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		02/24/22 15:14	02/25/22 04:39	1
Diesel Range Organics (Over C10-C28)	**83.7**		50.0		mg/Kg		02/24/22 15:14	02/25/22 04:39	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/22 15:14	02/25/22 04:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*02/24/22 15:14*	*02/25/22 04:39*	*1*
o-Terphenyl	*108*		*70 - 130*	*02/24/22 15:14*	*02/25/22 04:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16.5**		4.98		mg/Kg			02/24/22 23:19	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (4')

Lab Sample ID: 880-11700-13
Matrix: Solid

Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/24/22 23:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/24/22 23:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/24/22 23:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/24/22 14:07	02/24/22 23:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/24/22 23:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/24/22 14:07	02/24/22 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*02/24/22 14:07*	*02/24/22 23:36*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/24/22 14:07*	*02/24/22 23:36*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**62.7**		50.0		mg/Kg			02/25/22 11:56	1

Method: 8015B NM - Diesel Range Organics (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		02/24/22 15:14	02/25/22 04:59	1
Diesel Range Organics (Over C10-C28)	**62.7**		50.0		mg/Kg		02/24/22 15:14	02/25/22 04:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/22 15:14	02/25/22 04:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*02/24/22 15:14*	*02/25/22 04:59*	*1*
o-Terphenyl	*105*		*70 - 130*	*02/24/22 15:14*	*02/25/22 04:59*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.9**		4.95		mg/Kg			02/24/22 23:28	1

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-11700-14
Matrix: Solid

Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 23:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 23:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 23:57	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/24/22 14:07	02/24/22 23:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 23:57	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/24/22 14:07	02/24/22 23:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*02/24/22 14:07*	*02/24/22 23:57*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/24/22 14:07*	*02/24/22 23:57*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-11700-14
Date Collected: 02/23/22 00:00
Matrix: Solid
Date Received: 02/24/22 13:58

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**62.8**		49.9		mg/Kg			02/25/22 11:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/24/22 15:14	02/25/22 05:20	1
Diesel Range Organics (Over C10-C28)	**62.8**		49.9		mg/Kg		02/24/22 15:14	02/25/22 05:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/24/22 15:14	02/25/22 05:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*02/24/22 15:14*	*02/25/22 05:20*	*1*
o-Terphenyl	*108*		*70 - 130*	*02/24/22 15:14*	*02/25/22 05:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.85**		4.99		mg/Kg			02/24/22 23:37	1

Client Sample ID: T-4 (2')

Lab Sample ID: 880-11700-15
Date Collected: 02/23/22 00:00
Matrix: Solid
Date Received: 02/24/22 13:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/25/22 00:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/25/22 00:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/25/22 00:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/24/22 14:07	02/25/22 00:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/25/22 00:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/24/22 14:07	02/25/22 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*02/24/22 14:07*	*02/25/22 00:17*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*02/24/22 14:07*	*02/25/22 00:17*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**69.0**		50.0		mg/Kg			02/25/22 11:56	1

Method: 8015B NM - Diesel Range Organics (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		02/24/22 15:14	02/25/22 05:40	1
Diesel Range Organics (Over C10-C28)	**69.0**		50.0		mg/Kg		02/24/22 15:14	02/25/22 05:40	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (2')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-15
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/22 15:14	02/25/22 05:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*02/24/22 15:14*	*02/25/22 05:40*	*1*
o-Terphenyl	*108*		*70 - 130*	*02/24/22 15:14*	*02/25/22 05:40*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**45.2**		4.99		mg/Kg			02/24/22 23:46	1

Client Sample ID: T-4 (3')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-16
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/25/22 00:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/25/22 00:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/25/22 00:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/24/22 14:07	02/25/22 00:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/25/22 00:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/24/22 14:07	02/25/22 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*02/24/22 14:07*	*02/25/22 00:38*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/24/22 14:07*	*02/25/22 00:38*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/25/22 11:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/24/22 15:14	02/25/22 06:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/24/22 15:14	02/25/22 06:00	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/24/22 15:14	02/25/22 06:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*02/24/22 15:14*	*02/25/22 06:00*	*1*
o-Terphenyl	*101*		*70 - 130*	*02/24/22 15:14*	*02/25/22 06:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.38**		4.98		mg/Kg			02/24/22 23:55	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (4')

Lab Sample ID: 880-11700-17
Matrix: Solid

Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/25/22 00:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/25/22 00:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/25/22 00:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/24/22 14:07	02/25/22 00:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/25/22 00:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/24/22 14:07	02/25/22 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*02/24/22 14:07*	*02/25/22 00:58*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*02/24/22 14:07*	*02/25/22 00:58*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**65.4**		50.0		mg/Kg			02/25/22 11:56	1

Method: 8015B NM - Diesel Range Organics (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		02/24/22 15:14	02/25/22 06:20	1
Diesel Range Organics (Over C10-C28)	**65.4**		50.0		mg/Kg		02/24/22 15:14	02/25/22 06:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/22 15:14	02/25/22 06:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*02/24/22 15:14*	*02/25/22 06:20*	*1*
o-Terphenyl	*111*		*70 - 130*	*02/24/22 15:14*	*02/25/22 06:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.15**		5.02		mg/Kg			02/25/22 00:04	1

Client Sample ID: T-5 (0-1')

Lab Sample ID: 880-11700-18
Matrix: Solid

Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/25/22 01:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/25/22 01:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/25/22 01:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/24/22 14:07	02/25/22 01:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:07	02/25/22 01:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/24/22 14:07	02/25/22 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*02/24/22 14:07*	*02/25/22 01:18*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/24/22 14:07*	*02/25/22 01:18*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (0-1')

Lab Sample ID: 880-11700-18
Date Collected: 02/23/22 00:00
Matrix: Solid
Date Received: 02/24/22 13:58

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**51.2**		49.9		mg/Kg			02/25/22 11:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/24/22 15:14	02/25/22 06:41	1
Diesel Range Organics (Over C10-C28)	**51.2**		49.9		mg/Kg		02/24/22 15:14	02/25/22 06:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/24/22 15:14	02/25/22 06:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*02/24/22 15:14*	*02/25/22 06:41*	*1*
o-Terphenyl	*103*		*70 - 130*	*02/24/22 15:14*	*02/25/22 06:41*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**	**F1**	4.96		mg/Kg			02/25/22 11:52	1

Client Sample ID: T-5 (2')

Lab Sample ID: 880-11700-19
Date Collected: 02/23/22 00:00
Matrix: Solid
Date Received: 02/24/22 13:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/25/22 01:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/25/22 01:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/25/22 01:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/24/22 14:07	02/25/22 01:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/25/22 01:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/24/22 14:07	02/25/22 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*02/24/22 14:07*	*02/25/22 01:39*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*02/24/22 14:07*	*02/25/22 01:39*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**54.4**		50.0		mg/Kg			02/25/22 11:56	1

Method: 8015B NM - Diesel Range Organics (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		02/24/22 15:14	02/25/22 07:02	1
Diesel Range Organics (Over C10-C28)	**54.4**		50.0		mg/Kg		02/24/22 15:14	02/25/22 07:02	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (2')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-19
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/22 15:14	02/25/22 07:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*02/24/22 15:14*	*02/25/22 07:02*	*1*
o-Terphenyl	*97*		*70 - 130*	*02/24/22 15:14*	*02/25/22 07:02*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.5**		5.00		mg/Kg			02/25/22 12:11	1

Client Sample ID: T-5 (3')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-20
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/24/22 14:07	02/25/22 01:59	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/24/22 14:07	02/25/22 01:59	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/24/22 14:07	02/25/22 01:59	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/24/22 14:07	02/25/22 01:59	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/24/22 14:07	02/25/22 01:59	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/24/22 14:07	02/25/22 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*02/24/22 14:07*	*02/25/22 01:59*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/24/22 14:07*	*02/25/22 01:59*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/25/22 11:56	1

Method: 8015B NM - Diesel Range Organics (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		02/24/22 15:14	02/25/22 07:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/22 15:14	02/25/22 07:23	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/22 15:14	02/25/22 07:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*02/24/22 15:14*	*02/25/22 07:23*	*1*
o-Terphenyl	*97*		*70 - 130*	*02/24/22 15:14*	*02/25/22 07:23*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.0**		4.99		mg/Kg			02/25/22 12:17	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (4')

Lab Sample ID: 880-11700-21
Matrix: Solid

Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		02/24/22 14:19	02/25/22 05:37	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		02/24/22 14:19	02/25/22 05:37	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		02/24/22 14:19	02/25/22 05:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/24/22 14:19	02/25/22 05:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:19	02/25/22 05:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/24/22 14:19	02/25/22 05:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*02/24/22 14:19*	*02/25/22 05:37*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/24/22 14:19*	*02/25/22 05:37*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/25/22 11:56	1

Method: 8015B NM - Diesel Range Organics (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		02/24/22 15:51	02/24/22 23:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/22 15:51	02/24/22 23:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/22 15:51	02/24/22 23:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*02/24/22 15:51*	*02/24/22 23:05*	*1*
o-Terphenyl	*85*		*70 - 130*	*02/24/22 15:51*	*02/24/22 23:05*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.7**		5.04		mg/Kg			02/25/22 12:23	1

Client Sample ID: T-6 (0-1')

Lab Sample ID: 880-11700-22
Matrix: Solid

Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:19	02/25/22 05:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:19	02/25/22 05:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:19	02/25/22 05:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/24/22 14:19	02/25/22 05:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:19	02/25/22 05:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/24/22 14:19	02/25/22 05:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*02/24/22 14:19*	*02/25/22 05:57*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/24/22 14:19*	*02/25/22 05:57*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (0-1')

Lab Sample ID: 880-11700-22
Date Collected: 02/23/22 00:00
Matrix: Solid
Date Received: 02/24/22 13:58

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/25/22 11:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/24/22 15:51	02/24/22 23:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/24/22 15:51	02/24/22 23:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/24/22 15:51	02/24/22 23:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*02/24/22 15:51*	*02/24/22 23:26*	*1*
o-Terphenyl	*85*		*70 - 130*	*02/24/22 15:51*	*02/24/22 23:26*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1870**		24.9		mg/Kg			02/25/22 12:30	5

Client Sample ID: T-6 (2')

Lab Sample ID: 880-11700-23
Date Collected: 02/23/22 00:00
Matrix: Solid
Date Received: 02/24/22 13:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:19	02/25/22 06:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:19	02/25/22 06:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:19	02/25/22 06:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/24/22 14:19	02/25/22 06:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:19	02/25/22 06:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/24/22 14:19	02/25/22 06:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*02/24/22 14:19*	*02/25/22 06:18*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/24/22 14:19*	*02/25/22 06:18*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/25/22 11:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/24/22 15:51	02/24/22 23:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/24/22 15:51	02/24/22 23:46	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (2')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-23
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/24/22 15:51	02/24/22 23:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*02/24/22 15:51*	*02/24/22 23:46*	*1*
o-Terphenyl	*86*		*70 - 130*	*02/24/22 15:51*	*02/24/22 23:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**306**		4.99		mg/Kg			02/25/22 17:15	1

Client Sample ID: T-6 (3')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-24
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:19	02/25/22 06:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:19	02/25/22 06:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:19	02/25/22 06:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/24/22 14:19	02/25/22 06:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:19	02/25/22 06:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/24/22 14:19	02/25/22 06:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*02/24/22 14:19*	*02/25/22 06:38*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/24/22 14:19*	*02/25/22 06:38*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/25/22 11:56	1

Method: 8015B NM - Diesel Range Organics (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		02/24/22 15:51	02/25/22 00:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/22 15:51	02/25/22 00:06	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/22 15:51	02/25/22 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*02/24/22 15:51*	*02/25/22 00:06*	*1*
o-Terphenyl	*99*		*70 - 130*	*02/24/22 15:51*	*02/25/22 00:06*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**42.8**		5.05		mg/Kg			02/25/22 17:22	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (4')

Lab Sample ID: 880-11700-25
Matrix: Solid

Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:19	02/25/22 06:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:19	02/25/22 06:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:19	02/25/22 06:58	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/24/22 14:19	02/25/22 06:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:19	02/25/22 06:58	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/24/22 14:19	02/25/22 06:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*02/24/22 14:19*	*02/25/22 06:58*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/24/22 14:19*	*02/25/22 06:58*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/25/22 11:56	1

Method: 8015B NM - Diesel Range Organics (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		02/24/22 15:51	02/25/22 00:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/22 15:51	02/25/22 00:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/22 15:51	02/25/22 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*02/24/22 15:51*	*02/25/22 00:27*	*1*
o-Terphenyl	*81*		*70 - 130*	*02/24/22 15:51*	*02/25/22 00:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**83.7**		4.99		mg/Kg			02/25/22 17:28	1

Client Sample ID: H-11

Lab Sample ID: 880-11700-26
Matrix: Solid

Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:19	02/25/22 07:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:19	02/25/22 07:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:19	02/25/22 07:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/24/22 14:19	02/25/22 07:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:19	02/25/22 07:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/24/22 14:19	02/25/22 07:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*02/24/22 14:19*	*02/25/22 07:19*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*02/24/22 14:19*	*02/25/22 07:19*	*1*

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: H-11
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-26
Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/25/22 11:56	1

Method: 8015B NM - Diesel Range Organics (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		02/24/22 15:51	02/25/22 00:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/22 15:51	02/25/22 00:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/22 15:51	02/25/22 00:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*02/24/22 15:51*	*02/25/22 00:47*	*1*
o-Terphenyl	*86*		*70 - 130*	*02/24/22 15:51*	*02/25/22 00:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5920**		50.0		mg/Kg			02/25/22 17:34	10

Client Sample ID: H-12
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-27
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:19	02/25/22 07:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/24/22 14:19	02/25/22 07:39	1
Ethylbenzene	**0.0657**		0.00199		mg/Kg		02/24/22 14:19	02/25/22 07:39	1
m-Xylene & p-Xylene	**0.620**		0.00398		mg/Kg		02/24/22 14:19	02/25/22 07:39	1
o-Xylene	**0.263**		0.00199		mg/Kg		02/24/22 14:19	02/25/22 07:39	1
Xylenes, Total	**0.883**		0.00398		mg/Kg		02/24/22 14:19	02/25/22 07:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*224*	*S1+*	*70 - 130*	*02/24/22 14:19*	*02/25/22 07:39*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*02/24/22 14:19*	*02/25/22 07:39*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.949**		0.00398		mg/Kg			02/25/22 08:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**3550**		49.9		mg/Kg			02/25/22 11:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**316**		49.9		mg/Kg		02/24/22 15:51	02/25/22 01:08	1
Diesel Range Organics (Over C10-C28)	**3230**		49.9		mg/Kg		02/24/22 15:51	02/25/22 01:08	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: H-12

Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-27

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/24/22 15:51	02/25/22 01:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*02/24/22 15:51*	*02/25/22 01:08*	*1*
o-Terphenyl	*88*		*70 - 130*	*02/24/22 15:51*	*02/25/22 01:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9120**		100		mg/Kg			02/25/22 17:41	20

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-11700-1	T-1 (0-1')	104	101
880-11700-1 MS	T-1 (0-1')	101	99
880-11700-1 MSD	T-1 (0-1')	95	97
880-11700-2	T-1 (2')	107	99
880-11700-3	T-1 (3')	107	98
880-11700-4	T-1 (4')	96	94
880-11700-5	T-1 (5')	99	94
880-11700-6	T-2 (0-1')	109	100
880-11700-7	T-2 (2')	115	94
880-11700-8	T-2 (3')	105	96
880-11700-9	T-2 (4')	103	93
880-11700-10	T-3 (0-1')	102	101
880-11700-11	T-3 (2')	102	98
880-11700-12	T-3 (3')	107	96
880-11700-13	T-3 (4')	108	99
880-11700-14	T-4 (0-1')	106	100
880-11700-15	T-4 (2')	95	93
880-11700-16	T-4 (3')	107	99
880-11700-17	T-4 (4')	99	97
880-11700-18	T-5 (0-1')	105	100
880-11700-19	T-5 (2')	107	101
880-11700-20	T-5 (3')	118	98
880-11700-21	T-5 (4')	103	100
880-11700-21 MS	T-5 (4')	115	95
880-11700-21 MSD	T-5 (4')	105	94
880-11700-22	T-6 (0-1')	105	99
880-11700-23	T-6 (2')	113	99
880-11700-24	T-6 (3')	100	99
880-11700-25	T-6 (4')	102	100
880-11700-26	H-11	104	101
880-11700-27	H-12	224 S1+	84
LCS 880-20237/1-A	Lab Control Sample	100	101
LCS 880-20239/1-A	Lab Control Sample	101	101
LCSD 880-20237/2-A	Lab Control Sample Dup	104	102
LCSD 880-20239/2-A	Lab Control Sample Dup	97	98
MB 880-20237/5-A	Method Blank	94	98
MB 880-20239/5-A	Method Blank	96	98

Surrogate Legend

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)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-11670-A-1-D MS	Matrix Spike	69 S1-	73
880-11670-A-1-E MSD	Matrix Spike Duplicate	82	77

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-11700-1	T-1 (0-1')	92	92
880-11700-1 MS	T-1 (0-1')	96	88
880-11700-1 MSD	T-1 (0-1')	83	71
880-11700-2	T-1 (2')	102	100
880-11700-3	T-1 (3')	107	111
880-11700-4	T-1 (4')	110	116
880-11700-5	T-1 (5')	95	98
880-11700-6	T-2 (0-1')	102	103
880-11700-7	T-2 (2')	96	96
880-11700-8	T-2 (3')	108	109
880-11700-9	T-2 (4')	108	107
880-11700-10	T-3 (0-1')	102	104
880-11700-11	T-3 (2')	104	104
880-11700-12	T-3 (3')	110	108
880-11700-13	T-3 (4')	105	105
880-11700-14	T-4 (0-1')	110	108
880-11700-15	T-4 (2')	109	108
880-11700-16	T-4 (3')	101	101
880-11700-17	T-4 (4')	108	111
880-11700-18	T-5 (0-1')	101	103
880-11700-19	T-5 (2')	98	97
880-11700-20	T-5 (3')	95	97
880-11700-21	T-5 (4')	80	85
880-11700-22	T-6 (0-1')	81	85
880-11700-23	T-6 (2')	82	86
880-11700-24	T-6 (3')	96	99
880-11700-25	T-6 (4')	80	81
880-11700-26	H-11	80	86
880-11700-27	H-12	97	88
LCS 880-20246/2-A	Lab Control Sample	82	82
LCSD 880-20246/3-A	Lab Control Sample Dup	105	107
MB 880-20246/1-A	Method Blank	111	118

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO2 (70-130)	OTPH2 (70-130)
LCS 880-20253/2-A	Lab Control Sample	132 S1+	136 S1+
LCSD 880-20253/3-A	Lab Control Sample Dup	113	128
MB 880-20253/1-A	Method Blank	97	102

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-20237/5-A
Matrix: Solid
Analysis Batch: 20238

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 20237

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 17:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 17:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 17:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/24/22 14:07	02/24/22 17:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:07	02/24/22 17:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/24/22 14:07	02/24/22 17:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*02/24/22 14:07*	*02/24/22 17:33*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/24/22 14:07*	*02/24/22 17:33*	*1*

Lab Sample ID: LCS 880-20237/1-A
Matrix: Solid
Analysis Batch: 20238

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 20237

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09784		mg/Kg		98	70 - 130
Toluene	0.100	0.09117		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.09288		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.2134		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1051		mg/Kg		105	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-20237/2-A
Matrix: Solid
Analysis Batch: 20238

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 20237

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	9	35
Toluene	0.100	0.09864		mg/Kg		99	70 - 130	8	35
Ethylbenzene	0.100	0.09974		mg/Kg		100	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2283		mg/Kg		114	70 - 130	7	35
o-Xylene	0.100	0.1138		mg/Kg		114	70 - 130	8	35

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

Lab Sample ID: 880-11700-1 MS
Matrix: Solid
Analysis Batch: 20238

Client Sample ID: T-1 (0-1')
Prep Type: Total/NA
Prep Batch: 20237

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.0998	0.09204		mg/Kg		92	70 - 130
Toluene	<0.00200	U	0.0998	0.08727		mg/Kg		87	70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-11700-1 MS
Matrix: Solid
Analysis Batch: 20238

Client Sample ID: T-1 (0-1')
Prep Type: Total/NA
Prep Batch: 20237

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00200	U	0.0998	0.08810		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2049		mg/Kg		103	70 - 130
o-Xylene	<0.00200	U	0.0998	0.1009		mg/Kg		101	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-11700-1 MSD
Matrix: Solid
Analysis Batch: 20238

Client Sample ID: T-1 (0-1')
Prep Type: Total/NA
Prep Batch: 20237

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0994	0.09355		mg/Kg		94	70 - 130	2	35
Toluene	<0.00200	U	0.0994	0.08148		mg/Kg		81	70 - 130	7	35
Ethylbenzene	<0.00200	U	0.0994	0.09068		mg/Kg		91	70 - 130	3	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1958		mg/Kg		99	70 - 130	5	35
o-Xylene	<0.00200	U	0.0994	0.1062		mg/Kg		107	70 - 130	5	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: MB 880-20239/5-A
Matrix: Solid
Analysis Batch: 20238

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 20239

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:19	02/25/22 05:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:19	02/25/22 05:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:19	02/25/22 05:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/24/22 14:19	02/25/22 05:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/22 14:19	02/25/22 05:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/24/22 14:19	02/25/22 05:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*02/24/22 14:19*	*02/25/22 05:08*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/24/22 14:19*	*02/25/22 05:08*	*1*

Lab Sample ID: LCS 880-20239/1-A
Matrix: Solid
Analysis Batch: 20238

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 20239

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1017		mg/Kg		102	70 - 130
Toluene	0.100	0.09295		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09586		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.2226		mg/Kg		111	70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-20239/1-A
Matrix: Solid
Analysis Batch: 20238

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 20239

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	0.100	0.1105		mg/Kg		111	70 - 130

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

Lab Sample ID: LCSD 880-20239/2-A
Matrix: Solid
Analysis Batch: 20238

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 20239

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09513		mg/Kg		95	70 - 130	7	35
Toluene	0.100	0.08846		mg/Kg		88	70 - 130	5	35
Ethylbenzene	0.100	0.08921		mg/Kg		89	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2079		mg/Kg		104	70 - 130	7	35
o-Xylene	0.100	0.1024		mg/Kg		102	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-11700-21 MS
Matrix: Solid
Analysis Batch: 20238

Client Sample ID: T-5 (4')
Prep Type: Total/NA
Prep Batch: 20239

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1	0.0998	0.05143	F1	mg/Kg		52	70 - 130
Toluene	<0.00200	U F1	0.0998	0.05652	F1	mg/Kg		56	70 - 130
Ethylbenzene	<0.00200	U F1	0.0998	0.05934	F1	mg/Kg		59	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1430		mg/Kg		72	70 - 130
o-Xylene	<0.00200	U	0.0998	0.07474		mg/Kg		75	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 880-11700-21 MSD
Matrix: Solid
Analysis Batch: 20238

Client Sample ID: T-5 (4')
Prep Type: Total/NA
Prep Batch: 20239

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0994	0.06450	F1	mg/Kg		65	70 - 130	23	35
Toluene	<0.00200	U F1	0.0994	0.06800	F1	mg/Kg		68	70 - 130	18	35
Ethylbenzene	<0.00200	U F1	0.0994	0.07127		mg/Kg		72	70 - 130	18	35
m-Xylene & p-Xylene	<0.00400	U	0.199	0.1663		mg/Kg		84	70 - 130	15	35
o-Xylene	<0.00200	U	0.0994	0.08357		mg/Kg		84	70 - 130	11	35

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-11700-21 MSD
Matrix: Solid
Analysis Batch: 20238

Client Sample ID: T-5 (4')
Prep Type: Total/NA
Prep Batch: 20239

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

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

Lab Sample ID: MB 880-20246/1-A
Matrix: Solid
Analysis Batch: 20187

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 20246

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/24/22 15:14	02/24/22 22:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/22 15:14	02/24/22 22:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/22 15:14	02/24/22 22:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	02/24/22 15:14	02/24/22 22:52	1
o-Terphenyl	118		70 - 130	02/24/22 15:14	02/24/22 22:52	1

Lab Sample ID: LCS 880-20246/2-A
Matrix: Solid
Analysis Batch: 20187

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 20246

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	803.8		mg/Kg		80	70 - 130
Diesel Range Organics (Over C10-C28)	1000	963.1		mg/Kg		96	70 - 130

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

Lab Sample ID: LCSD 880-20246/3-A
Matrix: Solid
Analysis Batch: 20187

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 20246

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	812.1		mg/Kg		81	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1071		mg/Kg		107	70 - 130	11	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	105		70 - 130
o-Terphenyl	107		70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-11700-1 MS
Matrix: Solid
Analysis Batch: 20187

Client Sample ID: T-1 (0-1')
Prep Type: Total/NA
Prep Batch: 20246

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1316		mg/Kg		127	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1 F2	1000	1361	F1	mg/Kg		133	70 - 130

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

Lab Sample ID: 880-11700-1 MSD
Matrix: Solid
Analysis Batch: 20187

Client Sample ID: T-1 (0-1')
Prep Type: Total/NA
Prep Batch: 20246

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1273		mg/Kg		123	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1 F2	998	1066	F2	mg/Kg		103	70 - 130	24	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*83*		*70 - 130*
o-Terphenyl	*71*		*70 - 130*

Lab Sample ID: MB 880-20253/1-A
Matrix: Solid
Analysis Batch: 20195

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 20253

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/24/22 15:51	02/24/22 21:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/22 15:51	02/24/22 21:01	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/22 15:51	02/24/22 21:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*02/24/22 15:51*	*02/24/22 21:01*	*1*
o-Terphenyl	*102*		*70 - 130*	*02/24/22 15:51*	*02/24/22 21:01*	*1*

Lab Sample ID: LCS 880-20253/2-A
Matrix: Solid
Analysis Batch: 20195

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 20253

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	808.4		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1182		mg/Kg		118	70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-20253/2-A
Matrix: Solid
Analysis Batch: 20195

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 20253

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	132	S1+	70 - 130
o-Terphenyl	136	S1+	70 - 130

Lab Sample ID: LCSD 880-20253/3-A
Matrix: Solid
Analysis Batch: 20195

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 20253

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	876.2		mg/Kg		88	70 - 130	8	20
Diesel Range Organics (Over C10-C28)			1000	1084		mg/Kg		108	70 - 130	9	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	113		70 - 130
o-Terphenyl	128		70 - 130

Lab Sample ID: 880-11670-A-1-D MS
Matrix: Solid
Analysis Batch: 20195

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 20253

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1187		mg/Kg		114	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1120		mg/Kg		112	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	69	S1-	70 - 130
o-Terphenyl	73		70 - 130

Lab Sample ID: 880-11670-A-1-E MSD
Matrix: Solid
Analysis Batch: 20195

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 20253

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1007		mg/Kg		97	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1187		mg/Kg		119	70 - 130	6	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	82		70 - 130
o-Terphenyl	77		70 - 130

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-20256/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 20257

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/24/22 19:38	1

Lab Sample ID: LCS 880-20256/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 20257

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	242.1		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-20256/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 20257

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	243.0		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-11700-8 MS — **Client Sample ID: T-2 (3')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 20257

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	12.6		253	271.3		mg/Kg		102	90 - 110

Lab Sample ID: 880-11700-8 MSD — **Client Sample ID: T-2 (3')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 20257

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	12.6		253	273.8		mg/Kg		103	90 - 110	1	20

Lab Sample ID: MB 880-20266/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 20267

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/25/22 11:33	1

Lab Sample ID: LCS 880-20266/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 20267

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	267.2		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-20266/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 20267

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	270.8		mg/Kg		108	90 - 110	1	20

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-11700-18 MS
Matrix: Solid
Analysis Batch: 20267

Client Sample ID: T-5 (0-1')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	140	F1	248	362.4		mg/Kg		90	90 - 110		

Lab Sample ID: 880-11700-18 MSD
Matrix: Solid
Analysis Batch: 20267

Client Sample ID: T-5 (0-1')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	140	F1	248	424.6	F1	mg/Kg		115	90 - 110	16	20

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 20237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11700-1	T-1 (0-1')	Total/NA	Solid	5035	
880-11700-2	T-1 (2')	Total/NA	Solid	5035	
880-11700-3	T-1 (3')	Total/NA	Solid	5035	
880-11700-4	T-1 (4')	Total/NA	Solid	5035	
880-11700-5	T-1 (5')	Total/NA	Solid	5035	
880-11700-6	T-2 (0-1')	Total/NA	Solid	5035	
880-11700-7	T-2 (2')	Total/NA	Solid	5035	
880-11700-8	T-2 (3')	Total/NA	Solid	5035	
880-11700-9	T-2 (4')	Total/NA	Solid	5035	
880-11700-10	T-3 (0-1')	Total/NA	Solid	5035	
880-11700-11	T-3 (2')	Total/NA	Solid	5035	
880-11700-12	T-3 (3')	Total/NA	Solid	5035	
880-11700-13	T-3 (4')	Total/NA	Solid	5035	
880-11700-14	T-4 (0-1')	Total/NA	Solid	5035	
880-11700-15	T-4 (2')	Total/NA	Solid	5035	
880-11700-16	T-4 (3')	Total/NA	Solid	5035	
880-11700-17	T-4 (4')	Total/NA	Solid	5035	
880-11700-18	T-5 (0-1')	Total/NA	Solid	5035	
880-11700-19	T-5 (2')	Total/NA	Solid	5035	
880-11700-20	T-5 (3')	Total/NA	Solid	5035	
MB 880-20237/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-20237/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-20237/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-11700-1 MS	T-1 (0-1')	Total/NA	Solid	5035	
880-11700-1 MSD	T-1 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 20238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11700-1	T-1 (0-1')	Total/NA	Solid	8021B	20237
880-11700-2	T-1 (2')	Total/NA	Solid	8021B	20237
880-11700-3	T-1 (3')	Total/NA	Solid	8021B	20237
880-11700-4	T-1 (4')	Total/NA	Solid	8021B	20237
880-11700-5	T-1 (5')	Total/NA	Solid	8021B	20237
880-11700-6	T-2 (0-1')	Total/NA	Solid	8021B	20237
880-11700-7	T-2 (2')	Total/NA	Solid	8021B	20237
880-11700-8	T-2 (3')	Total/NA	Solid	8021B	20237
880-11700-9	T-2 (4')	Total/NA	Solid	8021B	20237
880-11700-10	T-3 (0-1')	Total/NA	Solid	8021B	20237
880-11700-11	T-3 (2')	Total/NA	Solid	8021B	20237
880-11700-12	T-3 (3')	Total/NA	Solid	8021B	20237
880-11700-13	T-3 (4')	Total/NA	Solid	8021B	20237
880-11700-14	T-4 (0-1')	Total/NA	Solid	8021B	20237
880-11700-15	T-4 (2')	Total/NA	Solid	8021B	20237
880-11700-16	T-4 (3')	Total/NA	Solid	8021B	20237
880-11700-17	T-4 (4')	Total/NA	Solid	8021B	20237
880-11700-18	T-5 (0-1')	Total/NA	Solid	8021B	20237
880-11700-19	T-5 (2')	Total/NA	Solid	8021B	20237
880-11700-20	T-5 (3')	Total/NA	Solid	8021B	20237
880-11700-21	T-5 (4')	Total/NA	Solid	8021B	20239
880-11700-22	T-6 (0-1')	Total/NA	Solid	8021B	20239
880-11700-23	T-6 (2')	Total/NA	Solid	8021B	20239

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 20238 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11700-24	T-6 (3')	Total/NA	Solid	8021B	20239
880-11700-25	T-6 (4')	Total/NA	Solid	8021B	20239
880-11700-26	H-11	Total/NA	Solid	8021B	20239
880-11700-27	H-12	Total/NA	Solid	8021B	20239
MB 880-20237/5-A	Method Blank	Total/NA	Solid	8021B	20237
MB 880-20239/5-A	Method Blank	Total/NA	Solid	8021B	20239
LCS 880-20237/1-A	Lab Control Sample	Total/NA	Solid	8021B	20237
LCS 880-20239/1-A	Lab Control Sample	Total/NA	Solid	8021B	20239
LCSD 880-20237/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	20237
LCSD 880-20239/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	20239
880-11700-1 MS	T-1 (0-1')	Total/NA	Solid	8021B	20237
880-11700-1 MSD	T-1 (0-1')	Total/NA	Solid	8021B	20237
880-11700-21 MS	T-5 (4')	Total/NA	Solid	8021B	20239
880-11700-21 MSD	T-5 (4')	Total/NA	Solid	8021B	20239

Prep Batch: 20239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11700-21	T-5 (4')	Total/NA	Solid	5035	
880-11700-22	T-6 (0-1')	Total/NA	Solid	5035	
880-11700-23	T-6 (2')	Total/NA	Solid	5035	
880-11700-24	T-6 (3')	Total/NA	Solid	5035	
880-11700-25	T-6 (4')	Total/NA	Solid	5035	
880-11700-26	H-11	Total/NA	Solid	5035	
880-11700-27	H-12	Total/NA	Solid	5035	
MB 880-20239/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-20239/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-20239/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-11700-21 MS	T-5 (4')	Total/NA	Solid	5035	
880-11700-21 MSD	T-5 (4')	Total/NA	Solid	5035	

Analysis Batch: 20295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11700-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-11700-2	T-1 (2')	Total/NA	Solid	Total BTEX	
880-11700-3	T-1 (3')	Total/NA	Solid	Total BTEX	
880-11700-4	T-1 (4')	Total/NA	Solid	Total BTEX	
880-11700-5	T-1 (5')	Total/NA	Solid	Total BTEX	
880-11700-6	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-11700-7	T-2 (2')	Total/NA	Solid	Total BTEX	
880-11700-8	T-2 (3')	Total/NA	Solid	Total BTEX	
880-11700-9	T-2 (4')	Total/NA	Solid	Total BTEX	
880-11700-10	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-11700-11	T-3 (2')	Total/NA	Solid	Total BTEX	
880-11700-12	T-3 (3')	Total/NA	Solid	Total BTEX	
880-11700-13	T-3 (4')	Total/NA	Solid	Total BTEX	
880-11700-14	T-4 (0-1')	Total/NA	Solid	Total BTEX	
880-11700-15	T-4 (2')	Total/NA	Solid	Total BTEX	
880-11700-16	T-4 (3')	Total/NA	Solid	Total BTEX	
880-11700-17	T-4 (4')	Total/NA	Solid	Total BTEX	
880-11700-18	T-5 (0-1')	Total/NA	Solid	Total BTEX	
880-11700-19	T-5 (2')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 20295 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11700-20	T-5 (3')	Total/NA	Solid	Total BTEX	
880-11700-21	T-5 (4')	Total/NA	Solid	Total BTEX	
880-11700-22	T-6 (0-1')	Total/NA	Solid	Total BTEX	
880-11700-23	T-6 (2')	Total/NA	Solid	Total BTEX	
880-11700-24	T-6 (3')	Total/NA	Solid	Total BTEX	
880-11700-25	T-6 (4')	Total/NA	Solid	Total BTEX	
880-11700-26	H-11	Total/NA	Solid	Total BTEX	
880-11700-27	H-12	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 20187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11700-1	T-1 (0-1')	Total/NA	Solid	8015B NM	20246
880-11700-2	T-1 (2')	Total/NA	Solid	8015B NM	20246
880-11700-3	T-1 (3')	Total/NA	Solid	8015B NM	20246
880-11700-4	T-1 (4')	Total/NA	Solid	8015B NM	20246
880-11700-5	T-1 (5')	Total/NA	Solid	8015B NM	20246
880-11700-6	T-2 (0-1')	Total/NA	Solid	8015B NM	20246
880-11700-7	T-2 (2')	Total/NA	Solid	8015B NM	20246
880-11700-8	T-2 (3')	Total/NA	Solid	8015B NM	20246
880-11700-9	T-2 (4')	Total/NA	Solid	8015B NM	20246
880-11700-10	T-3 (0-1')	Total/NA	Solid	8015B NM	20246
880-11700-11	T-3 (2')	Total/NA	Solid	8015B NM	20246
880-11700-12	T-3 (3')	Total/NA	Solid	8015B NM	20246
880-11700-13	T-3 (4')	Total/NA	Solid	8015B NM	20246
880-11700-14	T-4 (0-1')	Total/NA	Solid	8015B NM	20246
880-11700-15	T-4 (2')	Total/NA	Solid	8015B NM	20246
880-11700-16	T-4 (3')	Total/NA	Solid	8015B NM	20246
880-11700-17	T-4 (4')	Total/NA	Solid	8015B NM	20246
880-11700-18	T-5 (0-1')	Total/NA	Solid	8015B NM	20246
880-11700-19	T-5 (2')	Total/NA	Solid	8015B NM	20246
880-11700-20	T-5 (3')	Total/NA	Solid	8015B NM	20246
MB 880-20246/1-A	Method Blank	Total/NA	Solid	8015B NM	20246
LCS 880-20246/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	20246
LCSD 880-20246/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	20246
880-11700-1 MS	T-1 (0-1')	Total/NA	Solid	8015B NM	20246
880-11700-1 MSD	T-1 (0-1')	Total/NA	Solid	8015B NM	20246

Analysis Batch: 20195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11700-21	T-5 (4')	Total/NA	Solid	8015B NM	20253
880-11700-22	T-6 (0-1')	Total/NA	Solid	8015B NM	20253
880-11700-23	T-6 (2')	Total/NA	Solid	8015B NM	20253
880-11700-24	T-6 (3')	Total/NA	Solid	8015B NM	20253
880-11700-25	T-6 (4')	Total/NA	Solid	8015B NM	20253
880-11700-26	H-11	Total/NA	Solid	8015B NM	20253
880-11700-27	H-12	Total/NA	Solid	8015B NM	20253
MB 880-20253/1-A	Method Blank	Total/NA	Solid	8015B NM	20253
LCS 880-20253/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	20253
LCSD 880-20253/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	20253

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 20195 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11670-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	20253
880-11670-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	20253

Prep Batch: 20246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11700-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-11700-2	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-11700-3	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-11700-4	T-1 (4')	Total/NA	Solid	8015NM Prep	
880-11700-5	T-1 (5')	Total/NA	Solid	8015NM Prep	
880-11700-6	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-11700-7	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-11700-8	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-11700-9	T-2 (4')	Total/NA	Solid	8015NM Prep	
880-11700-10	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-11700-11	T-3 (2')	Total/NA	Solid	8015NM Prep	
880-11700-12	T-3 (3')	Total/NA	Solid	8015NM Prep	
880-11700-13	T-3 (4')	Total/NA	Solid	8015NM Prep	
880-11700-14	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-11700-15	T-4 (2')	Total/NA	Solid	8015NM Prep	
880-11700-16	T-4 (3')	Total/NA	Solid	8015NM Prep	
880-11700-17	T-4 (4')	Total/NA	Solid	8015NM Prep	
880-11700-18	T-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-11700-19	T-5 (2')	Total/NA	Solid	8015NM Prep	
880-11700-20	T-5 (3')	Total/NA	Solid	8015NM Prep	
MB 880-20246/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-20246/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-20246/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-11700-1 MS	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-11700-1 MSD	T-1 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 20253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11700-21	T-5 (4')	Total/NA	Solid	8015NM Prep	
880-11700-22	T-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-11700-23	T-6 (2')	Total/NA	Solid	8015NM Prep	
880-11700-24	T-6 (3')	Total/NA	Solid	8015NM Prep	
880-11700-25	T-6 (4')	Total/NA	Solid	8015NM Prep	
880-11700-26	H-11	Total/NA	Solid	8015NM Prep	
880-11700-27	H-12	Total/NA	Solid	8015NM Prep	
MB 880-20253/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-20253/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-20253/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-11670-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-11670-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 20315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11700-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-11700-2	T-1 (2')	Total/NA	Solid	8015 NM	
880-11700-3	T-1 (3')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 20315 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11700-4	T-1 (4')	Total/NA	Solid	8015 NM	
880-11700-5	T-1 (5')	Total/NA	Solid	8015 NM	
880-11700-6	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-11700-7	T-2 (2')	Total/NA	Solid	8015 NM	
880-11700-8	T-2 (3')	Total/NA	Solid	8015 NM	
880-11700-9	T-2 (4')	Total/NA	Solid	8015 NM	
880-11700-10	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-11700-11	T-3 (2')	Total/NA	Solid	8015 NM	
880-11700-12	T-3 (3')	Total/NA	Solid	8015 NM	
880-11700-13	T-3 (4')	Total/NA	Solid	8015 NM	
880-11700-14	T-4 (0-1')	Total/NA	Solid	8015 NM	
880-11700-15	T-4 (2')	Total/NA	Solid	8015 NM	
880-11700-16	T-4 (3')	Total/NA	Solid	8015 NM	
880-11700-17	T-4 (4')	Total/NA	Solid	8015 NM	
880-11700-18	T-5 (0-1')	Total/NA	Solid	8015 NM	
880-11700-19	T-5 (2')	Total/NA	Solid	8015 NM	
880-11700-20	T-5 (3')	Total/NA	Solid	8015 NM	
880-11700-21	T-5 (4')	Total/NA	Solid	8015 NM	
880-11700-22	T-6 (0-1')	Total/NA	Solid	8015 NM	
880-11700-23	T-6 (2')	Total/NA	Solid	8015 NM	
880-11700-24	T-6 (3')	Total/NA	Solid	8015 NM	
880-11700-25	T-6 (4')	Total/NA	Solid	8015 NM	
880-11700-26	H-11	Total/NA	Solid	8015 NM	
880-11700-27	H-12	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 20256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11700-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-11700-2	T-1 (2')	Soluble	Solid	DI Leach	
880-11700-3	T-1 (3')	Soluble	Solid	DI Leach	
880-11700-4	T-1 (4')	Soluble	Solid	DI Leach	
880-11700-5	T-1 (5')	Soluble	Solid	DI Leach	
880-11700-6	T-2 (0-1')	Soluble	Solid	DI Leach	
880-11700-7	T-2 (2')	Soluble	Solid	DI Leach	
880-11700-8	T-2 (3')	Soluble	Solid	DI Leach	
880-11700-9	T-2 (4')	Soluble	Solid	DI Leach	
880-11700-10	T-3 (0-1')	Soluble	Solid	DI Leach	
880-11700-11	T-3 (2')	Soluble	Solid	DI Leach	
880-11700-12	T-3 (3')	Soluble	Solid	DI Leach	
880-11700-13	T-3 (4')	Soluble	Solid	DI Leach	
880-11700-14	T-4 (0-1')	Soluble	Solid	DI Leach	
880-11700-15	T-4 (2')	Soluble	Solid	DI Leach	
880-11700-16	T-4 (3')	Soluble	Solid	DI Leach	
880-11700-17	T-4 (4')	Soluble	Solid	DI Leach	
MB 880-20256/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-20256/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-20256/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-11700-8 MS	T-2 (3')	Soluble	Solid	DI Leach	
880-11700-8 MSD	T-2 (3')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

HPLC/IC

Analysis Batch: 20257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11700-1	T-1 (0-1')	Soluble	Solid	300.0	20256
880-11700-2	T-1 (2')	Soluble	Solid	300.0	20256
880-11700-3	T-1 (3')	Soluble	Solid	300.0	20256
880-11700-4	T-1 (4')	Soluble	Solid	300.0	20256
880-11700-5	T-1 (5')	Soluble	Solid	300.0	20256
880-11700-6	T-2 (0-1')	Soluble	Solid	300.0	20256
880-11700-7	T-2 (2')	Soluble	Solid	300.0	20256
880-11700-8	T-2 (3')	Soluble	Solid	300.0	20256
880-11700-9	T-2 (4')	Soluble	Solid	300.0	20256
880-11700-10	T-3 (0-1')	Soluble	Solid	300.0	20256
880-11700-11	T-3 (2')	Soluble	Solid	300.0	20256
880-11700-12	T-3 (3')	Soluble	Solid	300.0	20256
880-11700-13	T-3 (4')	Soluble	Solid	300.0	20256
880-11700-14	T-4 (0-1')	Soluble	Solid	300.0	20256
880-11700-15	T-4 (2')	Soluble	Solid	300.0	20256
880-11700-16	T-4 (3')	Soluble	Solid	300.0	20256
880-11700-17	T-4 (4')	Soluble	Solid	300.0	20256
MB 880-20256/1-A	Method Blank	Soluble	Solid	300.0	20256
LCS 880-20256/2-A	Lab Control Sample	Soluble	Solid	300.0	20256
LCSD 880-20256/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	20256
880-11700-8 MS	T-2 (3')	Soluble	Solid	300.0	20256
880-11700-8 MSD	T-2 (3')	Soluble	Solid	300.0	20256

Leach Batch: 20266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11700-18	T-5 (0-1')	Soluble	Solid	DI Leach	
880-11700-19	T-5 (2')	Soluble	Solid	DI Leach	
880-11700-20	T-5 (3')	Soluble	Solid	DI Leach	
880-11700-21	T-5 (4')	Soluble	Solid	DI Leach	
880-11700-22	T-6 (0-1')	Soluble	Solid	DI Leach	
880-11700-23	T-6 (2')	Soluble	Solid	DI Leach	
880-11700-24	T-6 (3')	Soluble	Solid	DI Leach	
880-11700-25	T-6 (4')	Soluble	Solid	DI Leach	
880-11700-26	H-11	Soluble	Solid	DI Leach	
880-11700-27	H-12	Soluble	Solid	DI Leach	
MB 880-20266/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-20266/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-20266/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-11700-18 MS	T-5 (0-1')	Soluble	Solid	DI Leach	
880-11700-18 MSD	T-5 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 20267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11700-18	T-5 (0-1')	Soluble	Solid	300.0	20266
880-11700-19	T-5 (2')	Soluble	Solid	300.0	20266
880-11700-20	T-5 (3')	Soluble	Solid	300.0	20266
880-11700-21	T-5 (4')	Soluble	Solid	300.0	20266
880-11700-22	T-6 (0-1')	Soluble	Solid	300.0	20266
880-11700-23	T-6 (2')	Soluble	Solid	300.0	20266
880-11700-24	T-6 (3')	Soluble	Solid	300.0	20266
880-11700-25	T-6 (4')	Soluble	Solid	300.0	20266

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 20267 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11700-26	H-11	Soluble	Solid	300.0	20266
880-11700-27	H-12	Soluble	Solid	300.0	20266
MB 880-20266/1-A	Method Blank	Soluble	Solid	300.0	20266
LCS 880-20266/2-A	Lab Control Sample	Soluble	Solid	300.0	20266
LCSD 880-20266/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	20266
880-11700-18 MS	T-5 (0-1')	Soluble	Solid	300.0	20266
880-11700-18 MSD	T-5 (0-1')	Soluble	Solid	300.0	20266

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (0-1')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	20237	02/24/22 14:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/24/22 18:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	20246	02/24/22 15:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20187	02/24/22 23:53	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	20256	02/24/22 16:37	CH	XEN MID
Soluble	Analysis	300.0		1			20257	02/24/22 20:49	CH	XEN MID

Client Sample ID: T-1 (2')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	20237	02/24/22 14:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/24/22 18:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	20246	02/24/22 15:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20187	02/25/22 00:54	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	20256	02/24/22 16:37	CH	XEN MID
Soluble	Analysis	300.0		1			20257	02/24/22 20:57	CH	XEN MID

Client Sample ID: T-1 (3')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	20237	02/24/22 14:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/24/22 18:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	20246	02/24/22 15:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20187	02/25/22 01:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	20256	02/24/22 16:37	CH	XEN MID
Soluble	Analysis	300.0		1			20257	02/24/22 21:24	CH	XEN MID

Client Sample ID: T-1 (4')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	20237	02/24/22 14:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/24/22 19:03	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (4')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	20246	02/24/22 15:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20187	02/25/22 01:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	20256	02/24/22 16:37	CH	XEN MID
Soluble	Analysis	300.0		1			20257	02/24/22 21:33	CH	XEN MID

Client Sample ID: T-1 (5')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	20237	02/24/22 14:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/24/22 19:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	20246	02/24/22 15:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20187	02/25/22 01:56	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	20256	02/24/22 16:37	CH	XEN MID
Soluble	Analysis	300.0		1			20257	02/24/22 21:42	CH	XEN MID

Client Sample ID: T-2 (0-1')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	20237	02/24/22 14:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/24/22 19:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	20246	02/24/22 15:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20187	02/25/22 02:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	20256	02/24/22 16:37	CH	XEN MID
Soluble	Analysis	300.0		1			20257	02/24/22 21:50	CH	XEN MID

Client Sample ID: T-2 (2')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	20237	02/24/22 14:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/24/22 20:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	20246	02/24/22 15:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20187	02/25/22 02:36	AJ	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (2')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	20256	02/24/22 16:37	CH	XEN MID
Soluble	Analysis	300.0		1			20257	02/24/22 21:59	CH	XEN MID

Client Sample ID: T-2 (3')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	20237	02/24/22 14:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/24/22 20:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	20246	02/24/22 15:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20187	02/25/22 02:57	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	20256	02/24/22 16:37	CH	XEN MID
Soluble	Analysis	300.0		1			20257	02/24/22 22:08	CH	XEN MID

Client Sample ID: T-2 (4')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	20237	02/24/22 14:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/24/22 20:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	20246	02/24/22 15:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20187	02/25/22 03:17	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	20256	02/24/22 16:37	CH	XEN MID
Soluble	Analysis	300.0		1			20257	02/24/22 22:35	CH	XEN MID

Client Sample ID: T-3 (0-1')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	20237	02/24/22 14:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/24/22 21:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	20246	02/24/22 15:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20187	02/25/22 03:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	20256	02/24/22 16:37	CH	XEN MID
Soluble	Analysis	300.0		1			20257	02/24/22 22:44	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (2')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	20237	02/24/22 14:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/24/22 22:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	20246	02/24/22 15:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20187	02/25/22 04:19	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	20256	02/24/22 16:37	CH	XEN MID
Soluble	Analysis	300.0		1			20257	02/24/22 23:10	CH	XEN MID

Client Sample ID: T-3 (3')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	20237	02/24/22 14:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/24/22 23:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	20246	02/24/22 15:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20187	02/25/22 04:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	20256	02/24/22 16:37	CH	XEN MID
Soluble	Analysis	300.0		1			20257	02/24/22 23:19	CH	XEN MID

Client Sample ID: T-3 (4')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	20237	02/24/22 14:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/24/22 23:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	20246	02/24/22 15:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20187	02/25/22 04:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	20256	02/24/22 16:37	CH	XEN MID
Soluble	Analysis	300.0		1			20257	02/24/22 23:28	CH	XEN MID

Client Sample ID: T-4 (0-1')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	20237	02/24/22 14:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/24/22 23:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (0-1')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	20246	02/24/22 15:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20187	02/25/22 05:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	20256	02/24/22 16:37	CH	XEN MID
Soluble	Analysis	300.0		1			20257	02/24/22 23:37	CH	XEN MID

Client Sample ID: T-4 (2')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	20237	02/24/22 14:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/25/22 00:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	20246	02/24/22 15:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20187	02/25/22 05:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	20256	02/24/22 16:37	CH	XEN MID
Soluble	Analysis	300.0		1			20257	02/24/22 23:46	CH	XEN MID

Client Sample ID: T-4 (3')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	20237	02/24/22 14:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/25/22 00:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	20246	02/24/22 15:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20187	02/25/22 06:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	20256	02/24/22 16:37	CH	XEN MID
Soluble	Analysis	300.0		1			20257	02/24/22 23:55	CH	XEN MID

Client Sample ID: T-4 (4')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	20237	02/24/22 14:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/25/22 00:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	20246	02/24/22 15:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20187	02/25/22 06:20	AJ	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (4')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	20256	02/24/22 16:37	CH	XEN MID
Soluble	Analysis	300.0		1			20257	02/25/22 00:04	CH	XEN MID

Client Sample ID: T-5 (0-1')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	20237	02/24/22 14:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/25/22 01:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	20246	02/24/22 15:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20187	02/25/22 06:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	20266	02/24/22 17:17	CH	XEN MID
Soluble	Analysis	300.0		1			20267	02/25/22 11:52	CH	XEN MID

Client Sample ID: T-5 (2')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	20237	02/24/22 14:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/25/22 01:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	20246	02/24/22 15:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20187	02/25/22 07:02	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	20266	02/24/22 17:17	CH	XEN MID
Soluble	Analysis	300.0		1			20267	02/25/22 12:11	CH	XEN MID

Client Sample ID: T-5 (3')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	20237	02/24/22 14:07	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/25/22 01:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	20246	02/24/22 15:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20187	02/25/22 07:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	20266	02/24/22 17:17	CH	XEN MID
Soluble	Analysis	300.0		1			20267	02/25/22 12:17	CH	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (4')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	20239	02/24/22 14:19	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/25/22 05:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	20253	02/24/22 15:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20195	02/24/22 23:05	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	20266	02/24/22 17:17	CH	XEN MID
Soluble	Analysis	300.0		1			20267	02/25/22 12:23	CH	XEN MID

Client Sample ID: T-6 (0-1')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	20239	02/24/22 14:19	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/25/22 05:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	20253	02/24/22 15:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20195	02/24/22 23:26	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	20266	02/24/22 17:17	CH	XEN MID
Soluble	Analysis	300.0		5			20267	02/25/22 12:30	CH	XEN MID

Client Sample ID: T-6 (2')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	20239	02/24/22 14:19	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/25/22 06:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	20253	02/24/22 15:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20195	02/24/22 23:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	20266	02/24/22 17:17	CH	XEN MID
Soluble	Analysis	300.0		1			20267	02/25/22 17:15	CH	XEN MID

Client Sample ID: T-6 (3')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	20239	02/24/22 14:19	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/25/22 06:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (3')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	20253	02/24/22 15:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20195	02/25/22 00:06	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	20266	02/24/22 17:17	CH	XEN MID
Soluble	Analysis	300.0		1			20267	02/25/22 17:22	CH	XEN MID

Client Sample ID: T-6 (4')
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	20239	02/24/22 14:19	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/25/22 06:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	20253	02/24/22 15:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20195	02/25/22 00:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	20266	02/24/22 17:17	CH	XEN MID
Soluble	Analysis	300.0		1			20267	02/25/22 17:28	CH	XEN MID

Client Sample ID: H-11
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	20239	02/24/22 14:19	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/25/22 07:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	20253	02/24/22 15:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20195	02/25/22 00:47	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	20266	02/24/22 17:17	CH	XEN MID
Soluble	Analysis	300.0		10			20267	02/25/22 17:34	CH	XEN MID

Client Sample ID: H-12
Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	20239	02/24/22 14:19	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20238	02/25/22 07:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20295	02/25/22 08:39	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20315	02/25/22 11:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	20253	02/24/22 15:51	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20195	02/25/22 01:08	AJ	XEN MID

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Client Sample ID: H-12

Date Collected: 02/23/22 00:00
Date Received: 02/24/22 13:58

Lab Sample ID: 880-11700-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	20266	02/24/22 17:17	CH	XEN MID
Soluble	Analysis	300.0		20			20267	02/25/22 17:41	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

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

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Fearless 26 CTB

Job ID: 880-11700-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-11700-1	T-1 (0-1')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-2	T-1 (2')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-3	T-1 (3')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-4	T-1 (4')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-5	T-1 (5')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-6	T-2 (0-1')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-7	T-2 (2')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-8	T-2 (3')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-9	T-2 (4')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-10	T-3 (0-1')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-11	T-3 (2')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-12	T-3 (3')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-13	T-3 (4')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-14	T-4 (0-1')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-15	T-4 (2')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-16	T-4 (3')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-17	T-4 (4')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-18	T-5 (0-1')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-19	T-5 (2')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-20	T-5 (3')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-21	T-5 (4')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-22	T-6 (0-1')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-23	T-6 (2')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-24	T-6 (3')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-25	T-6 (4')	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-26	H-11	Solid	02/23/22 00:00	02/24/22 13:58
880-11700-27	H-12	Solid	02/23/22 00:00	02/24/22 13:58

Received by OCD: 3/30/2022 9:03:46 PM
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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

880-11700 Chain of Custody

2/25/2022

Client Name: EOG Resources	Site Manager: Brittany Long
Project Name: Fearless 26 CTB	
Project Location: (county, state) Lea County, New Mexico	Project #: 212C-MD-02691
Invoice to: Todd Wells	
Receiving Laboratory: Eurofins Xenco	Sampler Signature: Matthew Castrejon
Comments: Bill direct to EOG	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR:)	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	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 Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	T-1 (0-1')	2/23/2022			X				X					X		X												X							
	T-1 (2')	2/23/2022			X				X					X		X												X							
	T-1 (3')	2/23/2022			X				X					X		X												X							
	T-1 (4')	2/23/2022			X				X					X		X												X							
	T-1 (5')	2/23/2022			X				X					X		X												X							
	T-2 (0-1')	2/23/2022			X				X					X		X												X							
	T-2 (2')	2/23/2022			X				X					X		X												X							
	T-2 (3')	2/23/2022			X				X					X		X												X							
	T-2 (4')	2/23/2022			X				X					X		X												X							
	T-3 (0-1')	2/23/2022			X				X					X		X												X							

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[signature]	2.24.2022	13:58	[signature]	2/24/22	1358
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Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature
3.5/3.4

REMARKS:
[X] RUSH: Same Day (24 hr) 48 hr 72 hr
[ ] Rush Charges Authorized
[ ] Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

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Released to Imaging: 4/26/2022 4:21:42 PM

Page 102 of 183

11700

Analysis Request of Chain of Custody Record

2/25/2022

Tetra Tech, Inc.

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

Client Name: EOG Resources	Site Manager: Brittany Long
Project Name: Fearless 26 CTB	
Project Location: (county, state) Lea County, New Mexico	Project #: 212C-MD-02691
Invoice to: Todd Wells	
Receiving Laboratory: Eurofins Xenco	Sampler Signature: Matthew Castrejon

Comments:
Bill direct to EOG

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR:)	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	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 Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	T-3 (2')	2/23/2022			X				X					X		X												X							
	T-3 (3')	2/23/2022			X				X					X		X												X							
	T-3 (4')	2/23/2022			X				X					X		X												X							
	T-4 (0-1')	2/23/2022			X				X					X		X												X							
	T-4 (2')	2/23/2022			X				X					X		X												X							
	T-4 (3')	2/23/2022			X				X					X		X												X							
	T-4 (4')	2/23/2022			X				X					X		X												X							
	T-5 (0-1')	2/23/2022			X				X					X		X												X							
	T-5 (2')	2/23/2022			X				X					X		X												X							
	T-5 (3')	2/23/2022			X				X					X		X												X							

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[signature]	2.24.2022	13:58	[signature]	2/24/22	1358
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature

REMARKS:
[X] RUSH: Same Day (24 hr) 48 hr 72 hr
[ ] Rush Charges Authorized
[ ] Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

ORIGINAL COPY

Received by OCD: 3/30/2022 9:02:16 PM

Released to Imaging: 4/26/2022 4:21:42 PM

Received by OCD: 4/30/2022 9:02:46 PM

11700

Analysis Request of Chain of Custody Record

2/25/2022

Tetra Tech, Inc.

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

Client Name: EOG Resources	Site Manager: Brittany Long
Project Name: Fearless 26 CTB	
Project Location: (county, state) Lea County, New Mexico	Project #: 212C-MD-02691
Invoice to: Todd Wells	
Receiving Laboratory: Eurofins Xenco	Sampler Signature: Matthew Castrejon
Comments: Bill direct to EOG	

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2022)	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	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 Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
	T-5 (4')	2/23/2022			X				X				X		X												X							
	T-6 (0-1')	2/23/2022			X				X				X		X												X							
	T-6 (2')	2/23/2022			X				X				X		X												X							
	T-6 (3')	2/23/2022			X				X				X		X												X							
	T-6 (4')	2/23/2022			X				X				X		X												X							
	H-11	2/23/2022			X				X				X		X												X							
	H-12	2/23/2022			X				X				X		X												X							
		2/23/2022			X				X				X		X												X							
		2/23/2022			X				X				X		X												X							
		2/23/2022			X				X				X		X												X							

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	2.24.2022	13:58	[signature]	2/24/22	1356
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature

REMARKS:

[X] RUSH: Same Day (24 hr) 48 hr 72 hr

[ ] Rush Charges Authorized

[ ] Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

ORIGINAL COPY

Released to Imaging: 4/26/2022 4:21:42 PM

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 880-11700-1
SDG Number: Lea County, New Mexico

Login Number: 11700
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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 <6mm (1/4").	N/A	

CARDINAL Laboratories

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

March 04, 2022

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: FEARLESS 26 CTB

Enclosed are the results of analyses for samples received by the laboratory on 03/02/22 16:40.

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

Cardinal Laboratories is 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.

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

CARDINAL Laboratories

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:	03/02/2022	Sampling Date:	03/02/2022
Reported:	03/04/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 1 (H220829-01)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2022	ND	2.01	101	2.00	5.20	
Toluene*	<0.050	0.050	03/03/2022	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	03/03/2022	ND	2.02	101	2.00	6.52	
Total Xylenes*	<0.150	0.150	03/03/2022	ND	6.29	105	6.00	6.18	
Total BTEX	<0.300	0.300	03/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *69.9-140*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	03/03/2022	ND	416	104	400	3.92	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2022	ND	227	113	200	1.70	
DRO >C10-C28*	<10.0	10.0	03/03/2022	ND	209	105	200	0.976	
EXT DRO >C28-C36	<10.0	10.0	03/03/2022	ND					

Surrogate: 1-Chlorooctane *104 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *107 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

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

Received:	03/02/2022	Sampling Date:	03/02/2022
Reported:	03/04/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 2 (H220829-02)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2022	ND	2.01	101	2.00	5.20	
Toluene*	<0.050	0.050	03/03/2022	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	03/03/2022	ND	2.02	101	2.00	6.52	
Total Xylenes*	<0.150	0.150	03/03/2022	ND	6.29	105	6.00	6.18	
Total BTEX	<0.300	0.300	03/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *69.9-140*

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/03/2022	ND	416	104	400	3.92	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2022	ND	227	113	200	1.70	
DRO >C10-C28*	<10.0	10.0	03/03/2022	ND	209	105	200	0.976	
EXT DRO >C28-C36	<10.0	10.0	03/03/2022	ND					

Surrogate: 1-Chlorooctane *103 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *106 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	03/02/2022	Sampling Date:	03/02/2022
Reported:	03/04/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 3 (H220829-03)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2022	ND	2.01	101	2.00	5.20	
Toluene*	<0.050	0.050	03/03/2022	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	03/03/2022	ND	2.02	101	2.00	6.52	
Total Xylenes*	<0.150	0.150	03/03/2022	ND	6.29	105	6.00	6.18	
Total BTEX	<0.300	0.300	03/03/2022	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	03/03/2022	ND	416	104	400	3.92	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2022	ND	227	113	200	1.70	
DRO >C10-C28*	<10.0	10.0	03/03/2022	ND	209	105	200	0.976	
EXT DRO >C28-C36	<10.0	10.0	03/03/2022	ND					

Surrogate: 1-Chlorooctane *107 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *113 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

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

Received:	03/02/2022	Sampling Date:	03/02/2022
Reported:	03/04/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 4 (H220829-04)

BTEX 8021B **mg/kg** **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2022	ND	2.01	101	2.00	5.20	
Toluene*	<0.050	0.050	03/03/2022	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	03/03/2022	ND	2.02	101	2.00	6.52	
Total Xylenes*	<0.150	0.150	03/03/2022	ND	6.29	105	6.00	6.18	
Total BTEX	<0.300	0.300	03/03/2022	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	03/03/2022	ND	416	104	400	3.92	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2022	ND	227	113	200	1.70	
DRO >C10-C28*	<10.0	10.0	03/03/2022	ND	209	105	200	0.976	
EXT DRO >C28-C36	<10.0	10.0	03/03/2022	ND					

Surrogate: 1-Chlorooctane *102 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *106 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

H220829

Client Name: EOG	Site Manager: Brittany Long
Project Name: Fearless 26 CTB	Contact Info: Brittany.Long@tetratech.com
Project Location: (county, state) Lea County, NM	Project #: 212C-MD-02691 Task: 100
Invoice to: Bill direct to EOG ATTN: Todd Wells	
Receiving Laboratory: Cardinal	Sampler Signature: Matthew Eastrogue
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2022)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: NONE	# CONTAINERS	FILTERED (Y/N)	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 Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride ~~300.0~~ 4500	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R		HOLD
1	SW-1	03/02/22	1430		X			X		1	N	X		X												X						
2	SW-2	↓	1435		X			X		1	N	↓		↓												↓						
3	SW-3		1440		X			X		1	N																					
4	SW-4		1445		X			X		1	N																					
					X			X		1	N																					
					X			X		1	N																					
					X			X		1	N																					
					X			X		1	N																					
					X			X		1	N																					
					X			X		1	N																					

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Matthew Eastrogue	3/2/22	1040	Tamara Oldaker	3-2-22	1040
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

ORIGINAL COPY

LAB USE ONLY
Sample Temperature
3.1°C
C-0.5°C
2.6°C #113

REMARKS:
- [ ] Standard
- [x] RUSH: Same Day 24 hr. 48 hr. (72 hr.)
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

Received by OCD: 3/30/2022 9:02:46 PM

Released to Imaging: 4/26/2022 4:21:42 PM

CARDINAL Laboratories

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

March 08, 2022

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: FEARLESS 26 CTB

Enclosed are the results of analyses for samples received by the laboratory on 03/07/22 16:15.

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

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.

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

CARDINAL Laboratories

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:	03/07/2022	Sampling Date:	03/04/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: BH - 1 (1') (H220890-01)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.08	104	2.00	5.88	
Toluene*	<0.050	0.050	03/07/2022	ND	2.11	105	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.12	106	2.00	5.37	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.56	109	6.00	5.52	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2022	ND	207	103	200	0.603	
DRO >C10-C28*	<10.0	10.0	03/07/2022	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	03/07/2022	ND					

Surrogate: 1-Chlorooctane *91.9 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *104 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/04/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: BH - 2 (5') (H220890-02)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.08	104	2.00	5.88	
Toluene*	<0.050	0.050	03/07/2022	ND	2.11	105	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.12	106	2.00	5.37	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.56	109	6.00	5.52	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2022	ND	207	103	200	0.603	
DRO >C10-C28*	<10.0	10.0	03/07/2022	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	03/07/2022	ND					

Surrogate: 1-Chlorooctane *90.6 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *102 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: BH - 3 (1') (H220890-03)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.08	104	2.00	5.88	
Toluene*	<0.050	0.050	03/07/2022	ND	2.11	105	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.12	106	2.00	5.37	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.56	109	6.00	5.52	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2022	ND	207	103	200	0.603	
DRO >C10-C28*	<10.0	10.0	03/07/2022	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	03/07/2022	ND					

Surrogate: 1-Chlorooctane *85.0 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *96.1 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: BH - 4 (1') (H220890-04)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.08	104	2.00	5.88	
Toluene*	<0.050	0.050	03/07/2022	ND	2.11	105	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.12	106	2.00	5.37	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.56	109	6.00	5.52	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2022	ND	207	103	200	0.603	
DRO >C10-C28*	<10.0	10.0	03/07/2022	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	03/07/2022	ND					

Surrogate: 1-Chlorooctane *98.3 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *111 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: BH - 5 (1') (H220890-05)

BTEX 8021B **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.08	104	2.00	5.88	
Toluene*	<0.050	0.050	03/07/2022	ND	2.11	105	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.12	106	2.00	5.37	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.56	109	6.00	5.52	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	207	103	200	0.603	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *96.2 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *108 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: BH - 6 (1') (H220890-06)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.08	104	2.00	5.88	
Toluene*	<0.050	0.050	03/07/2022	ND	2.11	105	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.12	106	2.00	5.37	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.56	109	6.00	5.52	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	207	103	200	0.603	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *85.8 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *94.4 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: BH - 7 (1') (H220890-07)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.08	104	2.00	5.88	
Toluene*	<0.050	0.050	03/07/2022	ND	2.11	105	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.12	106	2.00	5.37	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.56	109	6.00	5.52	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2080**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	207	103	200	0.603	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *95.8 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *108 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: BH - 8 (1') (H220890-08)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.08	104	2.00	5.88	
Toluene*	<0.050	0.050	03/07/2022	ND	2.11	105	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.12	106	2.00	5.37	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.56	109	6.00	5.52	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	207	103	200	0.603	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *91.7 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *103 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: BH - 9 (1') (H220890-09)

BTEX 8021B **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.08	104	2.00	5.88	
Toluene*	<0.050	0.050	03/07/2022	ND	2.11	105	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.12	106	2.00	5.37	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.56	109	6.00	5.52	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	207	103	200	0.603	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *91.5 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *104 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: BH - 10 (1') (H220890-10)

BTEX 8021B **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.08	104	2.00	5.88	
Toluene*	<0.050	0.050	03/07/2022	ND	2.11	105	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.12	106	2.00	5.37	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.56	109	6.00	5.52	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2120**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	207	103	200	0.603	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *91.4 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *102 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: BH - 11 (1') (H220890-11)

BTEX 8021B **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.08	104	2.00	5.88	
Toluene*	<0.050	0.050	03/07/2022	ND	2.11	105	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.12	106	2.00	5.37	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.56	109	6.00	5.52	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1490**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	207	103	200	0.603	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *91.1 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *102 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: BH - 12 (1') (H220890-12)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.08	104	2.00	5.88	
Toluene*	<0.050	0.050	03/07/2022	ND	2.11	105	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.12	106	2.00	5.37	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.56	109	6.00	5.52	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	207	103	200	0.603	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *91.5 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *102 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: BH - 13 (1') (H220890-13)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.08	104	2.00	5.88	
Toluene*	<0.050	0.050	03/07/2022	ND	2.11	105	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.12	106	2.00	5.37	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.56	109	6.00	5.52	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/08/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	207	103	200	0.603	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *94.0 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *105 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: BH - 14 (1') (H220890-14)

BTEX 8021B **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.08	104	2.00	5.88	
Toluene*	<0.050	0.050	03/07/2022	ND	2.11	105	2.00	5.59	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.12	106	2.00	5.37	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.56	109	6.00	5.52	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	03/08/2022	ND	416	104	400	3.77	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	207	103	200	0.603	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	201	101	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *88.2 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *99.9 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: BH - 15 (1') (H220890-15)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.01	101	2.00	0.532	
Toluene*	<0.050	0.050	03/07/2022	ND	2.06	103	2.00	0.180	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.00	100	2.00	0.243	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.23	104	6.00	1.71	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/08/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	220	110	200	7.48	QM-07
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	217	109	200	9.50	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *87.7 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *97.0 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: BH - 16 (1') (H220890-16)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.01	101	2.00	0.532	
Toluene*	<0.050	0.050	03/07/2022	ND	2.06	103	2.00	0.180	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.00	100	2.00	0.243	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.23	104	6.00	1.71	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	03/08/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	03/07/2022	ND	217	109	200	9.50	
EXT DRO >C28-C36	<10.0	10.0	03/07/2022	ND					

Surrogate: 1-Chlorooctane *78.7 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *84.9 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: BH - 17 (1') (H220890-17)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.01	101	2.00	0.532	
Toluene*	<0.050	0.050	03/07/2022	ND	2.06	103	2.00	0.180	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.00	100	2.00	0.243	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.23	104	6.00	1.71	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	03/08/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	03/07/2022	ND	217	109	200	9.50	
EXT DRO >C28-C36	<10.0	10.0	03/07/2022	ND					

Surrogate: 1-Chlorooctane *72.8 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *76.8 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: BH - 18 (1') (H220890-18)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.01	101	2.00	0.532	
Toluene*	<0.050	0.050	03/07/2022	ND	2.06	103	2.00	0.180	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.00	100	2.00	0.243	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.23	104	6.00	1.71	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/08/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	03/07/2022	ND	217	109	200	9.50	
EXT DRO >C28-C36	<10.0	10.0	03/07/2022	ND					

Surrogate: 1-Chlorooctane *82.8 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *86.9 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/04/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 5 (0-2') (H220890-19)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.01	101	2.00	0.532	
Toluene*	<0.050	0.050	03/07/2022	ND	2.06	103	2.00	0.180	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.00	100	2.00	0.243	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.23	104	6.00	1.71	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/08/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	03/07/2022	ND	217	109	200	9.50	
EXT DRO >C28-C36	<10.0	10.0	03/07/2022	ND					

Surrogate: 1-Chlorooctane *69.4 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *73.0 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/04/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 6 (0-2') (H220890-20)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.01	101	2.00	0.532	
Toluene*	<0.050	0.050	03/07/2022	ND	2.06	103	2.00	0.180	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.00	100	2.00	0.243	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.23	104	6.00	1.71	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	03/08/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/07/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	03/07/2022	ND	217	109	200	9.50	
EXT DRO >C28-C36	<10.0	10.0	03/07/2022	ND					

Surrogate: 1-Chlorooctane *67.0 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *71.7 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/04/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 7 (0-2') (H220890-21)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.01	101	2.00	0.532	
Toluene*	<0.050	0.050	03/07/2022	ND	2.06	103	2.00	0.180	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.00	100	2.00	0.243	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.23	104	6.00	1.71	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	03/08/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	217	109	200	9.50	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *89.5 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *99.9 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/04/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 8 (0-2') (H220890-22)

BTEX 8021B **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.01	101	2.00	0.532	
Toluene*	<0.050	0.050	03/07/2022	ND	2.06	103	2.00	0.180	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.00	100	2.00	0.243	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.23	104	6.00	1.71	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	217	109	200	9.50	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *87.0 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *98.1 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 9 (0-1') (H220890-23)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.01	101	2.00	0.532	
Toluene*	<0.050	0.050	03/07/2022	ND	2.06	103	2.00	0.180	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.00	100	2.00	0.243	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.23	104	6.00	1.71	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/08/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	217	109	200	9.50	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *87.4 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *98.7 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 10 (0-1') (H220890-24)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.01	101	2.00	0.532	
Toluene*	<0.050	0.050	03/07/2022	ND	2.06	103	2.00	0.180	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.00	100	2.00	0.243	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.23	104	6.00	1.71	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	03/08/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	217	109	200	9.50	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *82.1 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *86.9 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 11 (0-1') (H220890-25)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.01	101	2.00	0.532	
Toluene*	<0.050	0.050	03/07/2022	ND	2.06	103	2.00	0.180	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.00	100	2.00	0.243	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.23	104	6.00	1.71	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/08/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	217	109	200	9.50	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *88.3 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *93.2 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 12 (0-1') (H220890-26)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.01	101	2.00	0.532	
Toluene*	<0.050	0.050	03/07/2022	ND	2.06	103	2.00	0.180	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.00	100	2.00	0.243	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.23	104	6.00	1.71	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/08/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	217	109	200	9.50	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *79.8 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *90.2 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 13 (0-1') (H220890-27)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.01	101	2.00	0.532	
Toluene*	<0.050	0.050	03/07/2022	ND	2.06	103	2.00	0.180	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.00	100	2.00	0.243	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.23	104	6.00	1.71	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	03/08/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	217	109	200	9.50	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *87.1 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *97.8 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 14 (0-1') (H220890-28)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.01	101	2.00	0.532	
Toluene*	<0.050	0.050	03/07/2022	ND	2.06	103	2.00	0.180	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.00	100	2.00	0.243	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.23	104	6.00	1.71	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/08/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	217	109	200	9.50	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *77.0 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *82.5 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 15 (0-1') (H220890-29)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.01	101	2.00	0.532	
Toluene*	<0.050	0.050	03/07/2022	ND	2.06	103	2.00	0.180	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.00	100	2.00	0.243	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.23	104	6.00	1.71	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/08/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	217	109	200	9.50	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *76.9 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *81.3 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 16 (0-1') (H220890-30)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.01	101	2.00	0.532	
Toluene*	<0.050	0.050	03/07/2022	ND	2.06	103	2.00	0.180	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.00	100	2.00	0.243	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.23	104	6.00	1.71	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/08/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	217	109	200	9.50	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *94.6 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *106 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 17 (0-1') (H220890-31)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.01	101	2.00	0.532	
Toluene*	<0.050	0.050	03/07/2022	ND	2.06	103	2.00	0.180	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.00	100	2.00	0.243	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.23	104	6.00	1.71	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/08/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	217	109	200	9.50	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *94.7 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *106 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 18 (0-1') (H220890-32)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.01	101	2.00	0.532	
Toluene*	<0.050	0.050	03/07/2022	ND	2.06	103	2.00	0.180	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.00	100	2.00	0.243	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.23	104	6.00	1.71	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	03/08/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	217	109	200	9.50	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *89.9 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *101 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 19 (0-1') (H220890-33)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.01	101	2.00	0.532	
Toluene*	<0.050	0.050	03/07/2022	ND	2.06	103	2.00	0.180	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.00	100	2.00	0.243	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.23	104	6.00	1.71	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	03/08/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	217	109	200	9.50	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *81.3 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *90.8 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 20 (0-1') (H220890-34)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2022	ND	2.01	101	2.00	0.532	
Toluene*	<0.050	0.050	03/07/2022	ND	2.06	103	2.00	0.180	
Ethylbenzene*	<0.050	0.050	03/07/2022	ND	2.00	100	2.00	0.243	
Total Xylenes*	<0.150	0.150	03/07/2022	ND	6.23	104	6.00	1.71	
Total BTEX	<0.300	0.300	03/07/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	217	109	200	9.50	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *77.0 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *78.2 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 21 (0-1') (H220890-35)

BTEX 8021B **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	2.03	101	2.00	8.45	
Toluene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	9.05	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.00	99.9	2.00	8.64	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.16	103	6.00	7.29	
Total BTEX	<0.300	0.300	03/08/2022	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	235	118	200	2.00	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	228	114	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *90.1 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *95.0 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 22 (0-1') (H220890-36)

BTEX 8021B **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	2.03	101	2.00	8.45	
Toluene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	9.05	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.00	99.9	2.00	8.64	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.16	103	6.00	7.29	
Total BTEX	<0.300	0.300	03/08/2022	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	235	118	200	2.00	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	228	114	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *88.9 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *93.6 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 23 (0-1') (H220890-37)

BTEX 8021B **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	2.03	101	2.00	8.45	
Toluene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	9.05	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.00	99.9	2.00	8.64	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.16	103	6.00	7.29	
Total BTEX	<0.300	0.300	03/08/2022	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	235	118	200	2.00	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	228	114	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *89.3 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *94.1 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 24 (0-1') (H220890-38)

BTEX 8021B **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	2.03	101	2.00	8.45	
Toluene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	9.05	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.00	99.9	2.00	8.64	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.16	103	6.00	7.29	
Total BTEX	<0.300	0.300	03/08/2022	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	235	118	200	2.00	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	228	114	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *90.4 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *94.8 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 25 (0-1') (H220890-39)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	2.03	101	2.00	8.45	
Toluene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	9.05	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.00	99.9	2.00	8.64	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.16	103	6.00	7.29	
Total BTEX	<0.300	0.300	03/08/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	235	118	200	2.00	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	228	114	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *89.7 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *93.8 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 26 (0-1') (H220890-40)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	2.03	101	2.00	8.45	
Toluene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	9.05	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.00	99.9	2.00	8.64	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.16	103	6.00	7.29	
Total BTEX	<0.300	0.300	03/08/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	235	118	200	2.00	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	228	114	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *88.4 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *92.9 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 27 (0-1') (H220890-41)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	2.03	101	2.00	8.45	
Toluene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	9.05	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.00	99.9	2.00	8.64	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.16	103	6.00	7.29	
Total BTEX	<0.300	0.300	03/08/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	235	118	200	2.00	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	228	114	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *94.4 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *98.1 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 28 (0-1') (H220890-42)

BTEX 8021B **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	2.03	101	2.00	8.45	
Toluene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	9.05	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.00	99.9	2.00	8.64	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.16	103	6.00	7.29	
Total BTEX	<0.300	0.300	03/08/2022	ND					

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

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M **mg/kg** **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	235	118	200	2.00	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	228	114	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *94.7 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *99.7 %* *59.5-142*

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Analytical Results For:

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/08/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 29 (0-1') (H220890-43)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	2.03	101	2.00	8.45	
Toluene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	9.05	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.00	99.9	2.00	8.64	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.16	103	6.00	7.29	
Total BTEX	<0.300	0.300	03/08/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/08/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2022	ND	235	118	200	2.00	
DRO >C10-C28*	<10.0	10.0	03/08/2022	ND	228	114	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/08/2022	ND					

Surrogate: 1-Chlorooctane *89.9 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *93.8 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG Resources

Site Manager: Brittany Long
Brittany.Long@tetratech.com

Project Name: Fearless 26 CTB

Project Location: (county, state) Lea County, New Mexico

Project #: 212C-MD-02691

Invoice to: Todd Wells - EOG

Receiving Laboratory: Cardinal Laboratories

Sampler Signature: [signature]

Comments:

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY) H220890	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	HNO3	ICE	None	# CONTAINERS	FILTERED (Y/N)	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 Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Sulfate	TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
1	BH-1 (1')	3/4/22			X			X		1		X		X												X					
2	BH-2 (5')	3/4/22																													
3	BH-3 (1')	3/7/22																													
4	BH-4 (1')																														
5	BH-5 (1')																														
6	BH-6 (1')																														
7	BH-7 (1')																														
8	BH-8 (1')																														
9	BH-9 (1')																														
10	BH-10 (1')																														

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	3/7/22	1613	[signature]	3-7-22	1615
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature
2.6°
C-0.5°
2.1° #113

REMARKS:

- [ ] STANDARD
- [x] RUSH: Same Day (24 hr) 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG Resources
Site Manager: Brittany Long
Project Name: Fearless 26 CTB
Project Location: (county, state) Lea County, New Mexico
Project #: 212C-MD-02691
Invoice to: Todd Wells - EOG
Receiving Laboratory: Cardinal Labs
Sampler Signature: [signature]
Comments:

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	HNO3	ICE	None	# CONTAINERS	FILTERED (Y/N)	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 Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Sulfate	TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
H220890 11	BH-11 (1')	3/7/22			X			X		1		X		X												X					
12	BH-12 (1')	↓			↓			↓		↓		↓		↓												↓					
13	BH-13 (1')	↓			↓			↓		↓		↓		↓												↓					
14	BH-14 (1')	↓			↓			↓		↓		↓		↓												↓					
15	BH-15 (1')	↓			↓			↓		↓		↓		↓												↓					
16	BH-16 (1')	↓			↓			↓		↓		↓		↓												↓					
17	BH-17 (1')	↓			↓			↓		↓		↓		↓												↓					
18	BH-18 (1')	↓			↓			↓		↓		↓		↓												↓					
19	~~Sample~~ SW-5 (0-2')	3/4/22			↓			↓		↓		↓		↓												↓					
20	SW-6 (0-2')	3/4/22			↓			↓		↓		↓		↓												↓					

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	3/7/22	1613	Tamara Aldaba	3-7-22	1615
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature
2.6°C
-0.5°C
2.1°C #413

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

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG Resources
Site Manager: Brittany Long
Project Name: Fearless 26 CTB
Project Location: (county, state) Lea County, NM
Project #: 212C-MD-02691
Invoice to: Todd Wells
Receiving Laboratory: Cardinal Labs
Sampler Signature: [signature]
Comments:

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	HNO3	ICE	None	# CONTAINERS	FILTERED (Y/N)	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 Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Sulfate	TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
H220890 21	SW-7 (0-2')	3/4/22			X			X		1		X		X												X						
22	SW-8 (0-2')	3/4/22																														
23	SW-9 (0-1')	3/7/22																														
24	SW-10 (0-1')																															
25	SW-11 (0-1')																															
26	SW-12 (0-1')																															
27	SW-13 (0-1')																															
28	SW-14 (0-1')																															
29	SW-15 (0-1')																															
30	SW-16 (0-1')																															

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	3/7/22	1613	[signature]	3-7-22	1615
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature
2.6°C
C-0.5°C
2.1°C #113

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

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG Resources
Site Manager: Brittany Long
Project Name: Fearless 26 CTB
Project Location: (county, state) Lea County, NM
Project #: 212C-MD-02691
Invoice to: Todd Wells - EOG
Receiving Laboratory: Cardinal Labs
Sampler Signature: [signature]
Comments:

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: None	# CONTAINERS	FILTERED (Y/N)	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 Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Sulfate	TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
H220890 31	SW-17 (0-1')	3/7/22			X			X		1		X		X												X					
32	SW-18 (0-1')																														
33	SW-19 (0-1')																														
34	SW-20 (0-1')																														
35	SW-21 (0-1')																														
36	SW-22 (0-1')																														
37	SW-23 (0-1')																														
38	SW-24 (0-1')																														
39	SW-25 (0-1')																														
40	SW-26 (0-1')																														

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	3/7/22	1613	Tamara Oldaker	3-7-22	1615
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature
9.6°C
-0.5°C
2.1°C #113

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

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG Resources
Site Manager: Brittany Long
Project Name: Fearless 26 CTB
Project Location: (county, state) Lea County, NM
Project #: 212C-MD-02691
Invoice to: Todd Wells
Receiving Laboratory: Cardinal Labs
Sampler Signature: [signature]
Comments:

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	PRESERVATIVE METHOD HCL	HNO_3	ICE	None	# CONTAINERS	FILTERED (Y/N)	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 Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Sulfate	TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Hold
#220890																																
41	SW-27 (0-1')	3/7/22			X			X		1		X		X												X						
42	SW-28 (0-1')	↓			↓			↓		↓		X		X												X						
43	SW-29 (0-1')	↓			↓			↓		↓		X		X												X						

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	3/7/22	1613	[signature]	3-7-22	1615

LAB USE ONLY
Sample Temperature
2.6°C
-0.5°C
2.1°C #113

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

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CARDINAL Laboratories

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

March 10, 2022

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: FEARLESS 26 CTB

Enclosed are the results of analyses for samples received by the laboratory on 03/09/22 14:55.

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

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.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: BH - 7 (2') (H220940-01)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2022	ND	2.01	101	2.00	3.48	
Toluene*	<0.050	0.050	03/09/2022	ND	2.03	102	2.00	1.34	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	2.00	99.8	2.00	3.16	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.17	103	6.00	2.94	
Total BTEX	<0.300	0.300	03/09/2022	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/10/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	237	119	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	227	113	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane *103 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *101 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: BH - 10 (2') (H220940-02)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2022	ND	2.01	101	2.00	3.48	
Toluene*	<0.050	0.050	03/09/2022	ND	2.03	102	2.00	1.34	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	2.00	99.8	2.00	3.16	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.17	103	6.00	2.94	
Total BTEX	<0.300	0.300	03/09/2022	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	03/10/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	237	119	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	227	113	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane *83.3 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *78.7 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: BH - 11 (2') (H220940-03)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2022	ND	2.01	101	2.00	3.48	
Toluene*	<0.050	0.050	03/09/2022	ND	2.03	102	2.00	1.34	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	2.00	99.8	2.00	3.16	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.17	103	6.00	2.94	
Total BTEX	<0.300	0.300	03/09/2022	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/10/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	237	119	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	227	113	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane *87.4 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *82.8 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 30 (0-2') (H220940-04)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2022	ND	2.01	101	2.00	3.48	
Toluene*	<0.050	0.050	03/09/2022	ND	2.03	102	2.00	1.34	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	2.00	99.8	2.00	3.16	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.17	103	6.00	2.94	
Total BTEX	<0.300	0.300	03/09/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/10/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	237	119	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	227	113	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane *87.2 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *83.2 %* *59.5-142*

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Analytical Results For:

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 31 (0-2') (H220940-05)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2022	ND	2.01	101	2.00	3.48	
Toluene*	<0.050	0.050	03/09/2022	ND	2.03	102	2.00	1.34	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	2.00	99.8	2.00	3.16	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.17	103	6.00	2.94	
Total BTEX	<0.300	0.300	03/09/2022	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/10/2022	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	237	119	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	227	113	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane *118 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *116 %* *59.5-142*

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Analytical Results For:

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 32 (0-2') (H220940-06)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2022	ND	2.01	101	2.00	3.48	
Toluene*	<0.050	0.050	03/09/2022	ND	2.03	102	2.00	1.34	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	2.00	99.8	2.00	3.16	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.17	103	6.00	2.94	
Total BTEX	<0.300	0.300	03/09/2022	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/10/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	237	119	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	227	113	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane *83.5 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *79.0 %* *59.5-142*

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Analytical Results For:

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 33 (0-2') (H220940-07)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2022	ND	2.01	101	2.00	3.48	
Toluene*	<0.050	0.050	03/09/2022	ND	2.03	102	2.00	1.34	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	2.00	99.8	2.00	3.16	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.17	103	6.00	2.94	
Total BTEX	<0.300	0.300	03/09/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	03/10/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	237	119	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	227	113	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane *88.6 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *83.7 %* *59.5-142*

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Analytical Results For:

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 34 (0-2') (H220940-08)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2022	ND	2.01	101	2.00	3.48	
Toluene*	<0.050	0.050	03/09/2022	ND	2.03	102	2.00	1.34	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	2.00	99.8	2.00	3.16	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.17	103	6.00	2.94	
Total BTEX	<0.300	0.300	03/09/2022	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/10/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	237	119	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	227	113	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane *95.2 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *89.7 %* *59.5-142*

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Analytical Results For:

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 35 (0-2') (H220940-09)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2022	ND	2.01	101	2.00	3.48	
Toluene*	<0.050	0.050	03/09/2022	ND	2.03	102	2.00	1.34	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	2.00	99.8	2.00	3.16	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.17	103	6.00	2.94	
Total BTEX	<0.300	0.300	03/09/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/10/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	237	119	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	227	113	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane *99.6 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *98.3 %* *59.5-142*

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Analytical Results For:

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 36 (0-2') (H220940-10)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2022	ND	2.01	101	2.00	3.48	
Toluene*	<0.050	0.050	03/10/2022	ND	2.03	102	2.00	1.34	
Ethylbenzene*	<0.050	0.050	03/10/2022	ND	2.00	99.8	2.00	3.16	
Total Xylenes*	<0.150	0.150	03/10/2022	ND	6.17	103	6.00	2.94	
Total BTEX	<0.300	0.300	03/10/2022	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	03/10/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	237	119	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	227	113	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane *86.7 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *82.4 %* *59.5-142*

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Analytical Results For:

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 37 (0-2') (H220940-11)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2022	ND	2.13	106	2.00	1.58	
Toluene*	<0.050	0.050	03/10/2022	ND	2.13	107	2.00	1.18	
Ethylbenzene*	<0.050	0.050	03/10/2022	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	03/10/2022	ND	6.51	109	6.00	1.60	
Total BTEX	<0.300	0.300	03/10/2022	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	03/10/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2022	ND	237	119	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	227	113	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane *101 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *98.2 %* *59.5-142*

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Analytical Results For:

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 38 (0-2') (H220940-12)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2022	ND	2.13	106	2.00	1.58	
Toluene*	<0.050	0.050	03/10/2022	ND	2.13	107	2.00	1.18	
Ethylbenzene*	<0.050	0.050	03/10/2022	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	03/10/2022	ND	6.51	109	6.00	1.60	
Total BTEX	<0.300	0.300	03/10/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/10/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2022	ND	237	119	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/10/2022	ND	227	113	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/10/2022	ND					

Surrogate: 1-Chlorooctane *111 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *109 %* *59.5-142*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 39 (0-2') (H220940-13)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2022	ND	2.13	106	2.00	1.58	
Toluene*	<0.050	0.050	03/10/2022	ND	2.13	107	2.00	1.18	
Ethylbenzene*	<0.050	0.050	03/10/2022	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	03/10/2022	ND	6.51	109	6.00	1.60	
Total BTEX	<0.300	0.300	03/10/2022	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/10/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2022	ND	237	119	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/10/2022	ND	227	113	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/10/2022	ND					

Surrogate: 1-Chlorooctane *92.1 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *87.6 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 40 (0-2') (H220940-14)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2022	ND	2.13	106	2.00	1.58	
Toluene*	<0.050	0.050	03/10/2022	ND	2.13	107	2.00	1.18	
Ethylbenzene*	<0.050	0.050	03/10/2022	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	03/10/2022	ND	6.51	109	6.00	1.60	
Total BTEX	<0.300	0.300	03/10/2022	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	03/10/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2022	ND	237	119	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/10/2022	ND	227	113	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/10/2022	ND					

Surrogate: 1-Chlorooctane *109 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *107 %* *59.5-142*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FEARLESS 26 CTB	Sampling Condition:	** (See Notes)
Project Number:	212C - MD - 02691 TASK 100	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

Sample ID: SW - 41 (0-2') (H220940-15)

BTEX 8021B mg/kg Analyzed By: MS\

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2022	ND	2.13	106	2.00	1.58	
Toluene*	<0.050	0.050	03/10/2022	ND	2.13	107	2.00	1.18	
Ethylbenzene*	<0.050	0.050	03/10/2022	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	03/10/2022	ND	6.51	109	6.00	1.60	
Total BTEX	<0.300	0.300	03/10/2022	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	03/10/2022	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/10/2022	ND	237	119	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/10/2022	ND	227	113	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/10/2022	ND					

Surrogate: 1-Chlorooctane *93.3 %* *66.9-136*

Surrogate: 1-Chlorooctadecane *89.8 %* *59.5-142*

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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG - Resources	Site Manager: Brittany Long
Project Name: Fearless 26 CTB	Brittany.Long@tetratech.com
Project Location: (county, state) Lea County, New Mexico	Project #: 212C-MD-02691
Invoice to: Todd Wells - EOG	
Receiving Laboratory: Cardinal Laboratories	Sampler Signature: Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY) H220940	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX WATER	MATRIX SOIL		PRESERVATIVE METHOD HCL	HNO_3	ICE	None		# CONTAINERS	FILTERED (Y/N)	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 Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
1	BH-7 (2')	3/9/2022			X				X			1		X		X												X							
2	BH-10 (2')	3/9/2022			X				X			1		X		X												X							
3	BH-11 (2')	3/9/2022			X				X			1		X		X												X							
4	SW-30 (0-2')	3/9/2022			X				X			1		X		X												X							
5	SW-31 (0-2')	3/9/2022			X				X			1		X		X												X							
6	SW-32 (0-2')	3/9/2022			X				X			1		X		X												X							
7	SW-33 (0-2')	3/9/2022			X				X			1		X		X												X							
8	SW-34 (0-2')	3/9/2022			X				X			1		X		X												X							
9	SW-35 (0-2')	3/9/2022			X				X			1		X		X												X							
10	SW-36 (0-2')	3/9/2022			X				X			1		X		X												X							

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	3/9/22	1455	[signature]	3/9/22	1455
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY
Sample Temperature
8.1°C
C-0.5°C
7.6°C #113

REMARKS:
- [ ] STANDARD
- [x] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

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Released to Imaging: 4/26/2022 4:21:42 PM

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland,Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: EOG - Resources	Site Manager: Brittany Long
Project Name: Fearless 26 CTB	Brittany.Long@tetratech.com
Project Location: (county, state) Lea County, New Mexico	Project #: 212C-MD-02691
Invoice to: Todd Wells - EOG	
Receiving Laboratory: Cardinal Laboratories	Sampler Signature: Ezequiel Moreno
Comments:	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY) H220940	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	SAMPLING TIME	MATRIX WATER	MATRIX SOIL		PRESERVATIVE METHOD HCL	HNO_3	ICE	None		# CONTAINERS	FILTERED (Y/N)	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 Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance				Hold
11	SW-37 (0-2')	3/9/2022			X				X			1		X		X												X							
12	SW-38 (0-2')	3/9/2022			X				X			1		X		X												X							
13	SW-39 (0-2')	3/9/2022			X				X			1		X		X												X							
14	SW-40 (0-2')	3/9/2022			X				X			1		X		X												X							
15	SW-41 (0-2')	3/9/2022			X				X			1		X		X												X							

Relinquished by: [signature]	Date: 3/9/22	Time: 1455	Received by: Tamara Oldaker
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

LAB USE ONLY
Sample Temperature
8.1°C
C-0.5°C
7.6°C #113

REMARKS:
- [ ] STANDARD
- [X] RUSH: Same Day 24 hr 48 hr 72 hr
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

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Received by OCD: 3/30/2022 9:02:46 PM

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TETRA TECH

Appendix D

State Correspondence

From: Long, Brittany
To: OCD.Enviro@state.nm.us
Cc: Todd Wells
Subject: Confirmation Sampling Notification for EOG Fearless 26 CTB Release (NAPP2202839974)
Date: Monday, February 28, 2022 3:40:00 PM
Attachments: image001.png
image002.png
image003.png
image004.png
image005.png

Good Afternoon,

Tetra Tech is scheduled to collect 5 point confirmation, bottom hole and sidewall samples, for the EOG Fearless 26 CTB Release (NAPP2202839974) remediation starting on Wednesday, March 2, 2022, at 2:45 PM and continuing throughout the remainder of the week. These samples will be placed within the South section of the remediation. 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
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1625 N. French Dr., Hobbs, NM 88240
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District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 94606

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 94606
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	4/26/2022