

SITE INFORMATION

Report Type: Closure Report NAPP2211856195

General Site Information:

Site:	Bear Booster					
Company:	EOG Resources					
Section, Township and Range	Unit M	Sec. 36	T 25S	R 33E		
Lease Number:						
County:	Lea County					
GPS:	32.080277			-103.530642		
Surface Owner:	State					
Mineral Owner:						
Directions:	From the GPS coordinates 32.080405°, -103.523434° along Battle Axe Road, follow the lease road to the west for 0.44 miles. Turn right onto pad to arrive at location.					

Release Data:

Date Released:	4/14/2022
Type Release:	Produced Water
Source of Contamination:	Transfer Pump
Fluid Released:	1,100 bbl water
Fluids Recovered:	930 bbl water

Official Communication:

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

Site Characterization

Depth to Groundwater:	176.81' below ground surface
Karst Potential:	Low

Recommended Remedial Action Levels (RRALs)

Benzene	Total BTEX	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	Chlorides
10 mg/kg	50 mg/kg	100 mg/kg	100 mg/kg	600 mg/kg



July 13, 2022

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

**RE: Closure Report
EOG Resources
Bear Booster
Lea County, New Mexico
nAPP2211856195**

Oil Conservation Division:

Tetra Tech, Inc. (Tetra Tech) was contacted by EOG Resources (EOG) to assess a release that occurred at the Bear Booster, Unit M, Section 36, Township 25 South, Range 33 East, Lea County, New Mexico (Site). The spill site coordinates are 32.080277°, -103.530642°. The site location is shown on **Figures 1 and 2**.

Background

According to the State of New Mexico C-141 Initial Report, the release at the Bear Booster was caused by failed bearings at the pump, causing the release of 1,100 bbls of produced water, the release was contained to the pad, impacting an area of 320' X 310'. Additionally, approximately 930 bbls of fluids were recovered. On April 14, 2022, the release was discovered and reported to the New Mexico Oil Conservation Division (NMOCD). The C-141 is shown in **Appendix A**.

Site Characterization

Significant Water Features

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

Significant Boundaries

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



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

Groundwater Review

Groundwater research was completed for the site through the USGS (United States Geological Survey) National Water Information System and New Mexico Office of the State Engineer (NMOSE) Water Rights Reporting System. Groundwater research conducted through these two resources, show the two closest water wells within a 1 ½ mile radius of the Site. The well reported on the USGS National Water Information System reports a total depth of 360 ft bgs with water level measured at 176.81 ft bgs and is approximately 1.48 miles of the Site. The well reported on the NMOSE Water Rights Reporting System reports a total depth of 220 ft bgs and measured water level of 160 ft bgs and is approximately 1.34 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
1.48 Miles	1/16/2013	USGS	360'	176.81'
1.34 Miles	12/31/1949	NMOSE	220'	160'

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 beyond the top 4.0' of soil, for TPH is 100 mg/kg (GRO + DRO + ORO). Additionally, based on the site characterization, the proposed RRAL beyond the top 4.0' of soil, for chlorides is 600 mg/kg.

Site Assessment Activities

Tetra Tech conducted site assessment activities on May 12, 2022. A total of eight (8) trenches (Trench-1 through Trench-8) were installed to total depths of 5.0 ft bgs to attempt to assess and vertically delineate the impacted the area. Additionally, a total of nine (9) horizontals (H-1 through H-9) were installed to total depths of 0.5 ft bgs, to horizontally delineate the impact. The impact and sample locations are shown on **Figure 3**.

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



Referring to Table 1, trenches (Trench-4, Trench-6, and Trench-8) indicated chloride concentrations above RRALs, with concentrations ranging from 752 mg/kg to 1,490 mg/kg, at depths of 1.0 ft bgs, and showed vertical delineation at 2.0 ft bgs. Trenches (Trench-1 through Trench-3, Trench-5, and Trench-7) did not indicate chloride concentrations above RRALs. Additionally, all trenches (Trench-1 through Trench-8) indicated benzene, BTEX, and TPH concentrations below laboratory reporting limits. Horizontals (H-1 through H-8) did not indicate benzene, BTEX, TPH, or chloride concentrations above RRALs.

Remediation Activities

Tetra Tech conducted remediation activities from May 31, 2022 through June 29, 2022. The areas of impact were remediated to a depths ranging from 1.5 ft bgs to 5.0 ft bgs. Additionally, a superficial 0.5' scrape was completed on the remaining areas of the impact that did not indicate exceedances for housekeeping purposes. The remediation areas and depths are shown on **Figure 4**.

Following remediation activities, Tetra Tech conducted confirmation sampling by collecting 5-point composite bottom hole samples and 5-point composite sidewall samples every 200 square feet within the remediation. All confirmation samples are collected as a composite 5-point die pattern to ensure a representative sample of 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 June 1, 2022, at 10:47 AM, a copy of the notice is shown in **Appendix D**. A total of sixty-one (61) bottom holes (BH-1 through BH-61) were collected and a total of fifteen (15) sidewalls (SW-1 through SW-14, SW-10A) were collected to confirm full removal of impacted soil. Sidewall (SW-10A) was mistakenly named the same as previously collected sidewall sample (SW-10). Due to this mistake, the letter "A" has been added to the sample ID on the table and figure to clarify sample identities. The sidewall (SW-10) was collected on June 28, 2022, and the sample results are shown on lab report (Cardinal H222812), shown in **Appendix C**. The sidewall (SW-10A) was collected on June 14, 2022, and the sample results are shown on lab report (Eurofins 880-15895-1), shown in **Appendix C**. The confirmation soil samples were submitted to the Cardinal Laboratory in Hobbs, New Mexico and Eurofins Laboratory in Midland, Texas to be analyzed for TPH method 8015 modified, BTEX method 8021B, and Chloride by EPA Method 300.0 and EPA Method 4500. The analytical results are summarized in **Table 2** and the analytical laboratory reports are included in **Appendix C**.

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

Conclusions

Based on the C-141 (nAPP2211856195) and information provided by EOG, Tetra Tech performed site characterization and groundwater research to determine groundwater depth, proximity from significant water features, and proximity from specified populated entities to determine RRALs and assess the impacted area. Based on the OCD *Guidelines for Remediation of Leaks, Spills, and Releases*, updated August 14, 2018, according to the groundwater data found during research activities, the RRALs of 600 mg/kg for chlorides and 100 mg/kg for TPH were followed for soil beyond the top 4.0 ft of soil. Based on Tetra Tech



assessment activities, laboratory results indicated chloride concentrations in trenches (Trench-4, Trench-6, and Trench-8) exceeded RRALs and required remediation.

Following remediation of the areas of impact, Tetra Tech conducted confirmation soil sampling of the area by collecting 5-point composite confirmation bottom hole and sidewall samples to ensure the impacted soil was fully removed. Approximately 1,910 cubic yards of impacted soil was removed and properly disposed of, and the area was backfilled with clean to surface grade material. The analytical results indicated all confirmation samples reported below the RRALs for all constituents. Based on this information, it is recommended that the remediated pad at this Site requires no further action. The final C-141 is included in **Appendix A**.

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

Respectfully submitted,
TETRA TECH

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

Brittany Long,
Project Manager

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

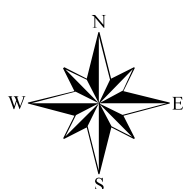
Clair Gonzales, P.G.
Senior Project Manager



Figures



▲ SITE LOCATION



0 10,000 20,000
Approximate Scale in Feet



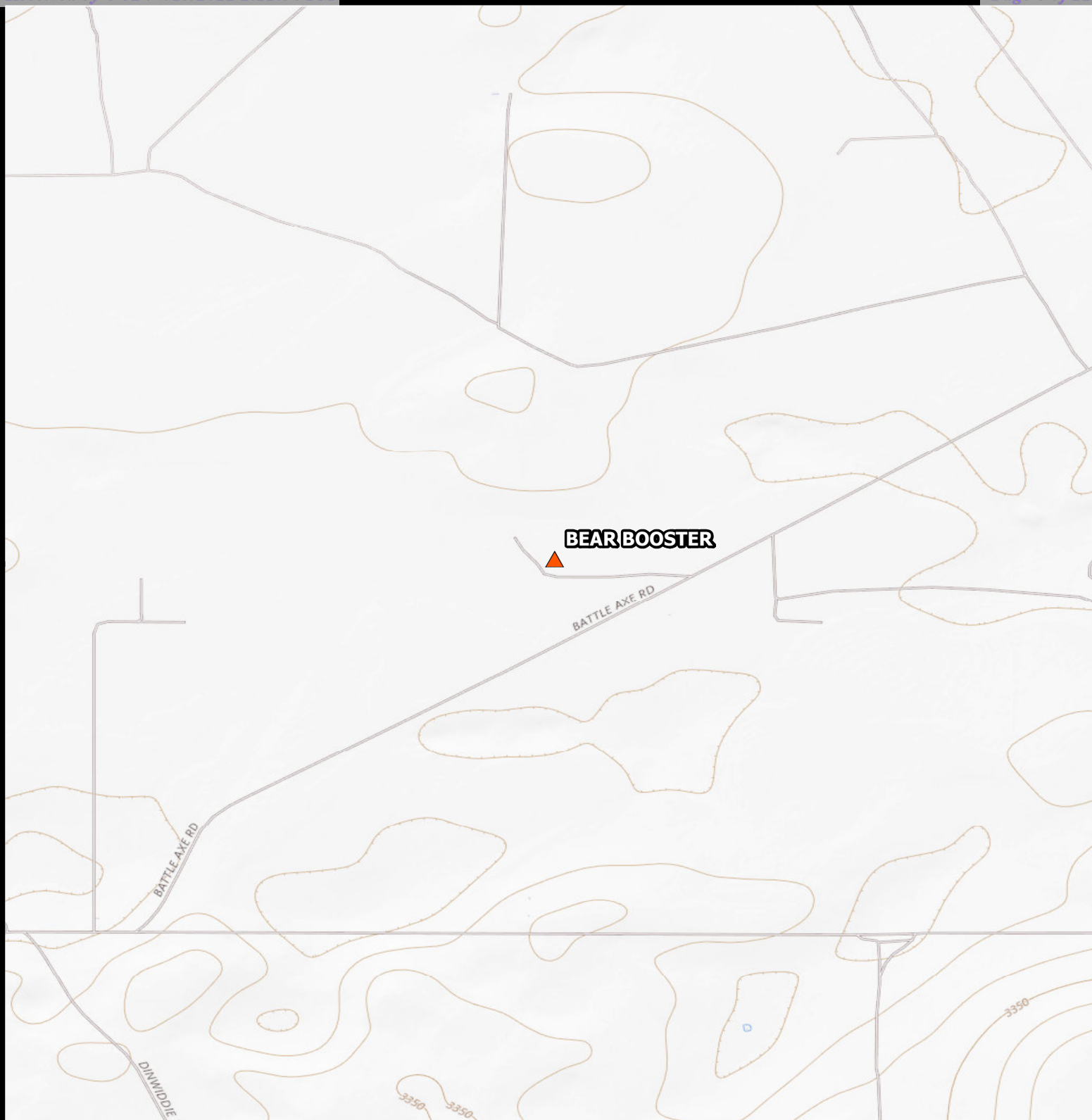
FIGURE 1
OVERVIEW MAP
BEAR BOOSTER
LEA COUNTY, NEW MEXICO
32.080306°, -103.530670°

Project: 212C-MD-02763

Date: 7/11/2022

Name: EOG - Bear Booster - Fig1





▲ SITE LOCATION

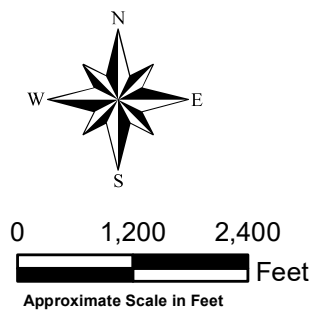


FIGURE 2
TOPOGRAPHIC MAP
BEAR BOOSTER
LEA COUNTY, NEW MEXICO
32.080306°, -103.530670°

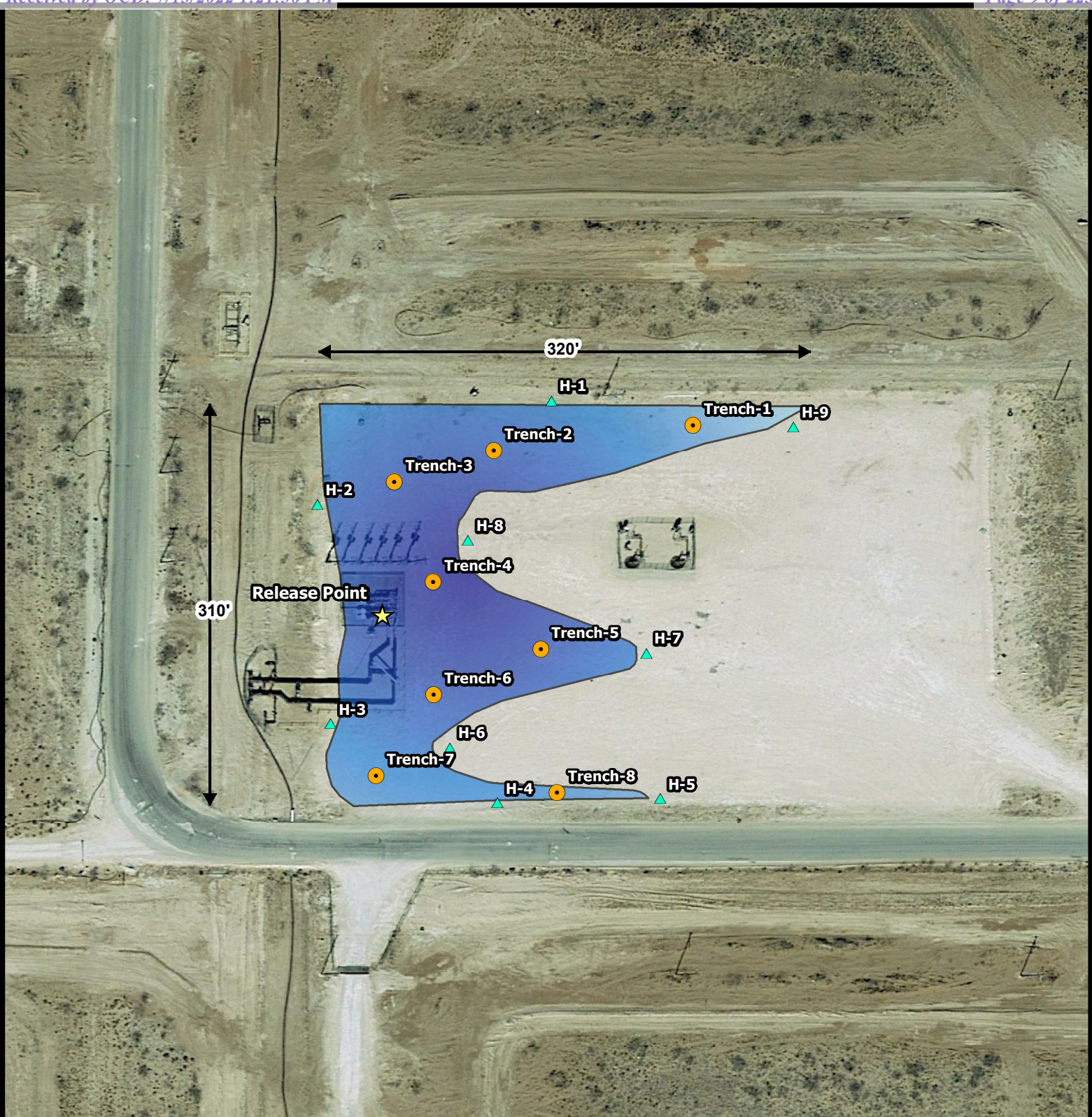
Project: 212C-MD-02763

Date: 7/11/2022

Name: EOG - Bear Booster - Fig 2



Document Path: C:\Users\T.MORENO\LORE\Documents\Projects\EOG - 02763 Bear Booster April 2022 Release\GIS\MD\OVERVIEW - EOG - Bear Booster.mxd



- ★ RELEASE POINT
- TRENCH SAMPLE LOCATIONS
- ▲ HORIZONTAL SAMPLE LOCATIONS
- SPILL PATH

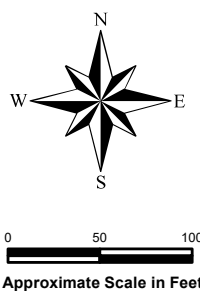


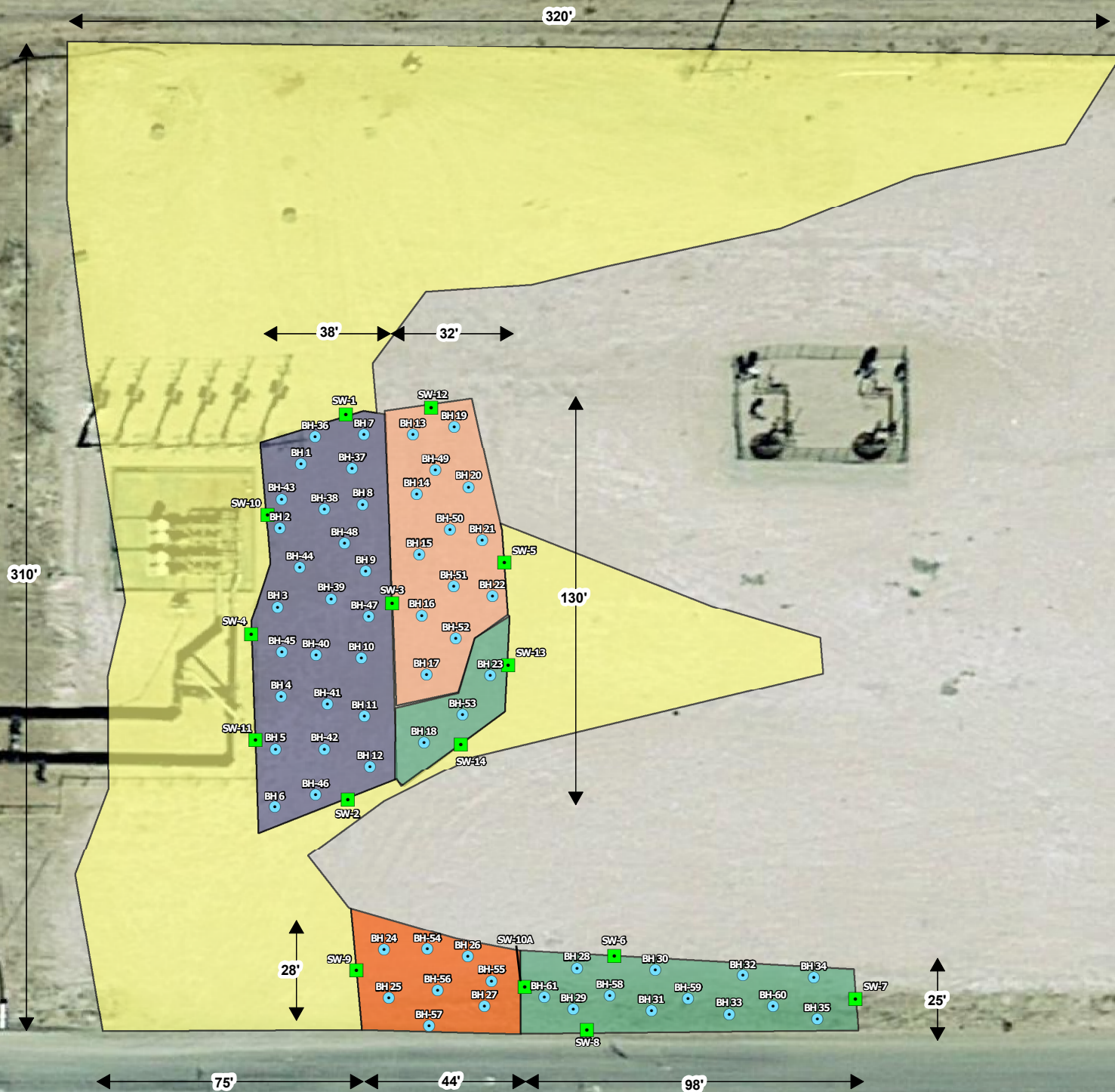
FIGURE 3
SITE ASSESSMENT MAP
BEAR BOOSTER
LEA COUNTY, NEW MEXICO
32.080306°, -103.530670°

Project: 212C-MD-02763

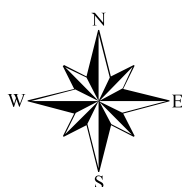
Date: 7/11/2022

Name: EOG - Bear Booster - Fig3





- SIDEWALL SAMPLE LOCATIONS
- BOTTOMHOLE SAMPLE LOCATIONS
- 6" SURFACE SCRAPE
- 1.5' REMEDIATION
- 2.5' REMEDIATION
- 3'-3.5' REMEDIATION
- 4'-5' REMEDIATION



0 25 50
Approximate Scale in Feet



FIGURE 4
EXCAVATION AREA & DEPTH MAP
BEAR BOOSTER
LEA COUNTY, NEW MEXICO
32.080306°, -103.530670°

Project: 212C-MD-02763

Date: 7/11/2022

Name: EOG - Bear Booster - Fig 4





Tables

Table 1
EOG Resources
Bear Booster
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	5/12/2022	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	5/12/2022	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	5/12/2022	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	5/12/2022	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	5/12/2022	5.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Trench-2	5/12/2022	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	5/12/2022	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	5/12/2022	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	5/12/2022	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	5/12/2022	5.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Trench-3	5/12/2022	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	5/12/2022	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	5/12/2022	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	0.083	<0.050	<0.150	<0.300	16.0
	5/12/2022	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	5/12/2022	5.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
Trench-4	5/12/2022	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	752
	5/12/2022	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	5/12/2022	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	5/12/2022	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	5/12/2022	5.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Trench-5	5/12/2022	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	5/12/2022	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	5/12/2022	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	5/12/2022	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	5/12/2022	5.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Trench-6	5/12/2022	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,490
	5/12/2022	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	5/12/2022	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	5/12/2022	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	5/12/2022	5.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
Trench-7	5/12/2022	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	5/12/2022	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	5/12/2022	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	0.064	<0.050	<0.150	<0.300	16.0
	5/12/2022	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	5/12/2022	5.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	0.064	<0.050	<0.150	<0.300	32.0
Trench-8	5/12/2022	0-1'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,200
	5/12/2022	2.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	5/12/2022	3.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	5/12/2022	4.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	5/12/2022	5.0'	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	0.053	<0.050	<0.150	<0.300	32.0

Table 1
EOG Resources
Bear Booster
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	5/12/2022	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-2	5/12/2022	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-3	5/12/2022	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-4	5/12/2022	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-5	5/12/2022	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-6	5/12/2022	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-7	5/12/2022	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-8	5/12/2022	0-0.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-9	5/12/2022	0-0.5	X	-	<10.0	<10.0	10.5	10.5	<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


 Exceedance

Table 2
EOG Resources
Bear Booster
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	6/14/2022	4.0	-	X	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	944
	6/14/2022	5.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-2	6/14/2022	4.0	-	X	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	754
	6/14/2022	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	6/14/2022	4.0	-	X	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	714
	6/14/2022	5.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-4	6/14/2022	4.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	110
BH-5	6/14/2022	4.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	539
BH-6	6/14/2022	4.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	157
BH-7	6/14/2022	4.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	30.8
BH-8	6/14/2022	4.0	-	X	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	851
	6/29/2022	5.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-9	6/14/2022	4.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	174
BH-10	6/14/2022	4.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	316
BH-11	6/14/2022	4.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	294
BH-12	6/14/2022	4.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	208
BH-13	6/14/2022	3.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	169
BH-14	6/14/2022	3.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	253
BH-15	6/14/2022	3.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	15.9
BH-16	6/14/2022	3.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	6.53
BH-17	6/14/2022	3.0	4	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	50.9
BH-18	6/14/2022	1.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	579
BH-19	6/14/2022	3.0	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	66.4
BH-20	6/14/2022	3.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	55.2
BH-21	6/14/2022	3.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	44.4
BH-22	6/14/2022	3.0	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	12.9
BH-23	6/14/2022	1.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	540
BH-24	6/14/2022	2.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	11.1
BH-25	6/14/2022	2.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.9
BH-26	6/14/2022	2.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	39.5
BH-27	6/14/2022	2.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	67.2
BH-28	6/14/2022	1.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	322
BH-29	6/14/2022	1.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	63.8
BH-30	6/14/2022	1.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	189

Table 2
EOG Resources
Bear Booster
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-31	6/14/2022	1.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	45.1
BH-32	6/14/2022	1.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	39.1
BH-33	6/14/2022	1.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	20.7
BH-34	6/14/2022	1.5	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	261
BH-35	6/14/2022	1.5	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	17.6
BH-36	6/28/2022	5.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-37	6/28/2022	5.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-38	6/28/2022	5.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
BH-39	6/28/2022	4.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
BH-40	6/28/2022	4.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
BH-41	6/28/2022	4.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-42	6/28/2022	4.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
BH-43	6/28/2022	5.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-44	6/28/2022	5.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
BH-45	6/28/2022	4.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
BH-46	6/28/2022	4.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
BH-47	6/28/2022	4.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
BH-48	6/28/2022	4.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
BH-49	6/29/2022	3.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-50	6/29/2022	3.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
BH-51	6/29/2022	3.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
BH-52	6/14/2022	3.0	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-53	6/28/2022	1.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
BH-54	6/29/2022	2.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-55	6/29/2022	2.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
BH-56	6/29/2022	2.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
BH-57	6/29/2022	2.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
BH-58	6/29/2022	1.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-59	6/29/2022	1.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
BH-60	6/29/2022	1.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
BH-61	6/29/2022	1.5	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336

Table 2
EOG Resources
Bear Booster
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-1	6/14/2022	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	143
SW-2	6/14/2022	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	303
SW-3	6/14/2022	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	213
SW-4	6/14/2022	-	-	X	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,280
	6/28/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-5	6/14/2022	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	114
SW-6	6/14/2022	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	554
SW-7	6/14/2022	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	102
SW-8	6/14/2022	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	43.9
SW-9	6/14/2022	-	X	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	168
SW-10A	6/14/2022	-	X	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	542
SW-10	6/28/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-11	6/28/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
SW-12	6/29/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-13	6/29/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-14	6/29/2022	-	X	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0

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



Photographic Documentation

EOG Resources
Bear Booster
Lea County, New Mexico



View of Remediation Activities – View Northwest



View of Remediation Activities – View Northeast

EOG Resources
Bear Booster
Lea County, New Mexico



View of Remediation Activities – View Northeast



View of Remediation Activities – View Northeast



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	nAPP2211856195
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) nAPP2211856195
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.080277° Longitude -103.530642°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Bear Booster	Site Type SWD Pipeline Booster Pump
Date Release Discovered 4/14/22	API# (if applicable)

Unit Letter	Section	Township	Range	County
M	36	25S	33E	Lea

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

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 1,100	Volume Recovered (bbls) 930
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: The booster pump bearings failed causing produced water to be released from the pump. Approximately 1,100 bbls of produced water was released around the booster pump and on the pad with 930 bbls recovered.

Incident ID	nAPP2211856195
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? More than 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? E-mail notification to the OCD Enviro Inbox on 4/14/22.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Printed Name: <u>Todd Wells</u> Title: <u>Environmental Specialist</u> Signature: <u>Todd Wells</u> Date: <u>4/28/22</u> email: <u>Todd_Wells@eogresources.com</u> Telephone: <u>(432) 686-3613</u>
<u>OCD Only</u> Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

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: 07/19/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A



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

- [Introducing The Next Generation of USGS Water Data for the Nation](#)
- [Full News](#)

Groundwater levels for New Mexico

Click to hide state-specific text

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320419103302201

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

USGS 320419103302201 26S.34E.06.21414

Lea County, New Mexico
Latitude 32°04'37.9", Longitude 103°30'20.5" NAD83
Land-surface elevation 3,319.00 feet above NGVD29
The depth of the well is 360 feet below land surface.
This well is completed in the Chinle Formation (231CHNL) 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
1954-07-23		D	72019	141.95				U		U	A
1971-10-20		D	72019	128.43				U		U	A
1981-03-25		D	72019	129.43				U		U	A
1986-03-04		D	72019	125.88				U		U	A
1991-06-12		D	72019	126.82				U		U	A
2013-01-16	14:00 MST	m	72019	176.81				S	USGS	R	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
Status		The reported water-level measurement represents a static level
Method of measurement	S	Steel-tape measurement.
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	R	Reported by person other than the owner, driller, or another government agency.
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
	C 02291	1	1	2	06	26S	34E	640825	3550140*
Driller License:		Driller Company:							
Driller Name:									
Drill Start Date:		Drill Finish Date:				Plug Date:			
Log File Date:		PCW Rev Date:				Source:			
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:		Depth Well:				Depth Water:			
	6.00	220 feet				15 GPM			
		160 feet							

*UTM location was derived from PLSS - see Help

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

5/20/22 10:27 AM

POINT OF DIVERSION SUMMARY



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

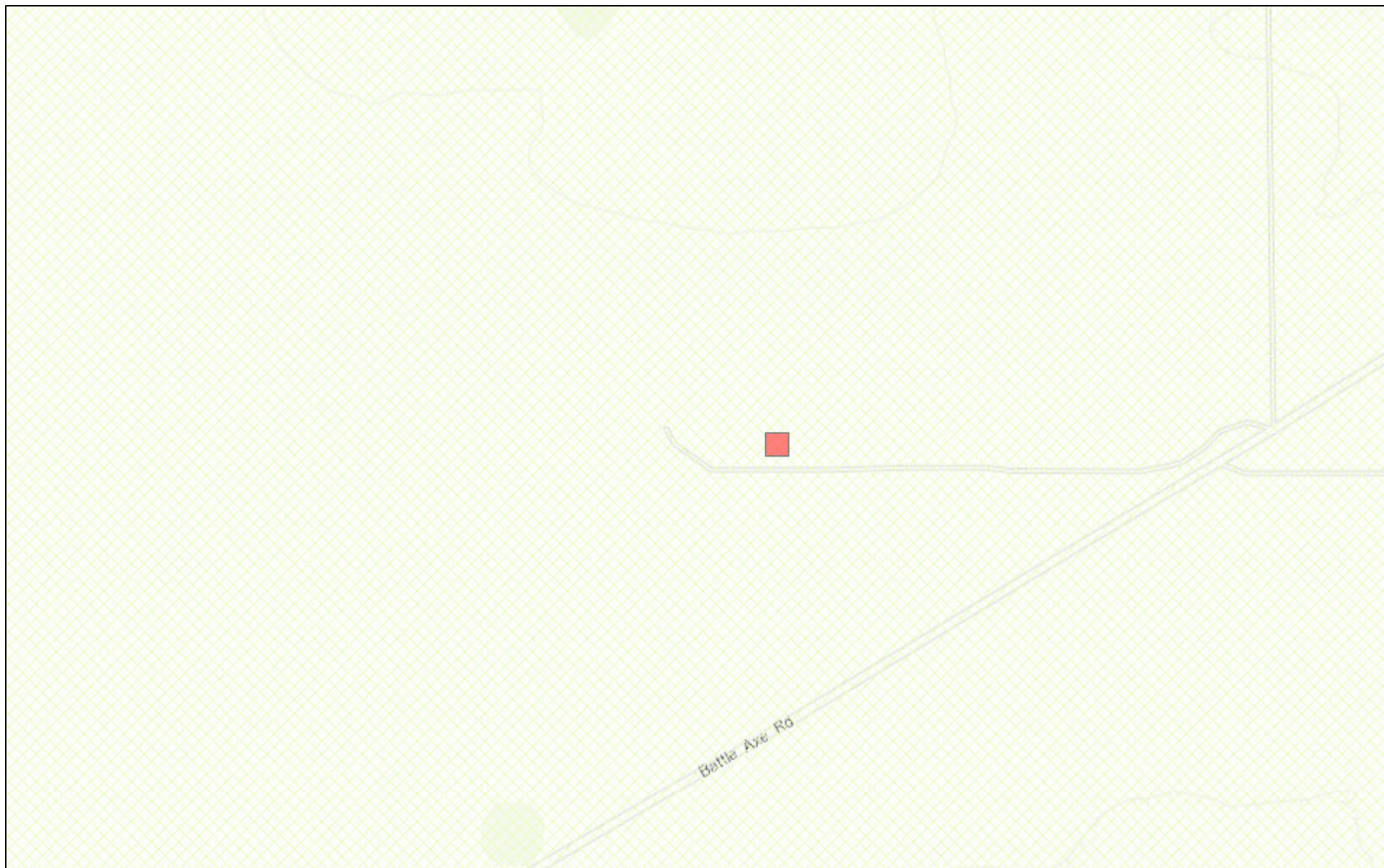
National Water Information System: Mapper

[Help](#) [Info](#)

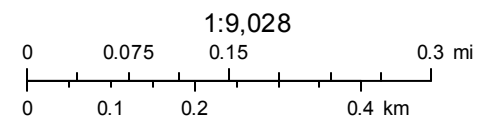


Site Information

New Mexico NFHL Data







January 4, 2021

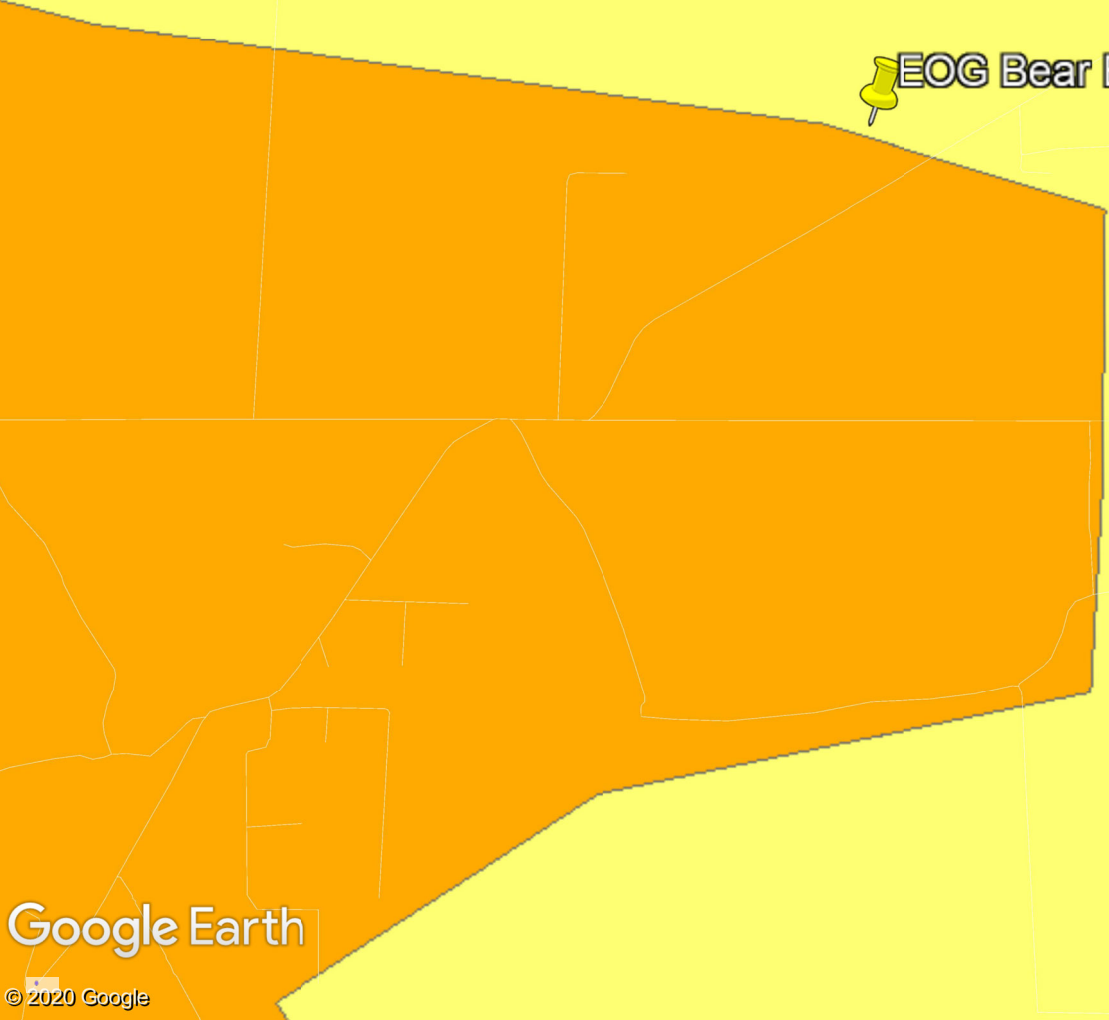


FEMA
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS,

Legend

-  EOG Bear Booster Release
-  High
-  Low
-  Medium

 **EOG Bear Booster Release**





Appendix C

Laboratory Reports



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

May 18, 2022

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: BEAR BOOSTER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 05/13/22 14:06.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/13/2022	Sampling Date:	05/12/2022
Reported:	05/18/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: H - 1 (0-1') (H222052-01)

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	05/16/2022	ND	1.93	96.6	2.00	7.27		
Toluene*	<0.050	0.050	05/16/2022	ND	1.91	95.7	2.00	7.21		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.81	90.4	2.00	7.04		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.61	93.4	6.00	7.13		
Total BTEX	<0.300	0.300	05/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	05/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2022	ND	216	108	200	12.5	
DRO >C10-C28*	<10.0	10.0	05/13/2022	ND	208	104	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	05/13/2022	ND					

Surrogate: 1-Chlorooctane 116 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/13/2022	Sampling Date:	05/12/2022
Reported:	05/18/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: H - 2 (0-1') (H222052-02)

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	05/16/2022	ND	1.93	96.6	2.00	7.27		
Toluene*	<0.050	0.050	05/16/2022	ND	1.91	95.7	2.00	7.21		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.81	90.4	2.00	7.04		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.61	93.4	6.00	7.13		
Total BTEX	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2022	ND	216	108	200	12.5	
DRO >C10-C28*	<10.0	10.0	05/13/2022	ND	208	104	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	05/13/2022	ND					

Surrogate: 1-Chlorooctane 123 % 66.9-136

Surrogate: 1-Chlorooctadecane 128 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/13/2022	Sampling Date:	05/12/2022
Reported:	05/18/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: H - 3 (0-1') (H222052-03)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/16/2022	ND	1.93	96.6	2.00	7.27		
Toluene*	<0.050	0.050	05/16/2022	ND	1.91	95.7	2.00	7.21		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.81	90.4	2.00	7.04		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.61	93.4	6.00	7.13		
Total BTX	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2022	ND	216	108	200	12.5	
DRO >C10-C28*	<10.0	10.0	05/13/2022	ND	208	104	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	05/13/2022	ND					

Surrogate: 1-Chlorooctane 124 % 66.9-136

Surrogate: 1-Chlorooctadecane 128 % 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:	05/13/2022	Sampling Date:	05/12/2022
Reported:	05/18/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: H - 4 (0-1') (H222052-04)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/16/2022	ND	1.93	96.6	2.00	7.27		
Toluene*	<0.050	0.050	05/16/2022	ND	1.91	95.7	2.00	7.21		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.81	90.4	2.00	7.04		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.61	93.4	6.00	7.13		
Total BTX	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2022	ND	216	108	200	12.5	
DRO >C10-C28*	<10.0	10.0	05/13/2022	ND	208	104	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	05/13/2022	ND					

Surrogate: 1-Chlorooctane 132 % 66.9-136

Surrogate: 1-Chlorooctadecane 137 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/13/2022	Sampling Date:	05/12/2022
Reported:	05/18/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: H - 5 (0-1') (H222052-05)

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	05/16/2022	ND	1.93	96.6	2.00	7.27		
Toluene*	<0.050	0.050	05/16/2022	ND	1.91	95.7	2.00	7.21		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.81	90.4	2.00	7.04		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.61	93.4	6.00	7.13		
Total BTEX	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2022	ND	216	108	200	12.5	
DRO >C10-C28*	<10.0	10.0	05/13/2022	ND	208	104	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	05/13/2022	ND					

Surrogate: 1-Chlorooctane 118 % 66.9-136

Surrogate: 1-Chlorooctadecane 126 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/13/2022	Sampling Date:	05/12/2022
Reported:	05/18/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: H - 6 (0-1') (H222052-06)

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	05/16/2022	ND	1.93	96.6	2.00	7.27		
Toluene*	<0.050	0.050	05/16/2022	ND	1.91	95.7	2.00	7.21		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.81	90.4	2.00	7.04		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.61	93.4	6.00	7.13		
Total BTEX	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2022	ND	216	108	200	12.5	
DRO >C10-C28*	<10.0	10.0	05/13/2022	ND	208	104	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	05/13/2022	ND					

Surrogate: 1-Chlorooctane 117 % 66.9-136

Surrogate: 1-Chlorooctadecane 128 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: H - 7 (0-1') (H222052-07)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/16/2022	ND	1.93	96.6	2.00	7.27		
Toluene*	<0.050	0.050	05/16/2022	ND	1.91	95.7	2.00	7.21		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.81	90.4	2.00	7.04		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.61	93.4	6.00	7.13		
Total BTX	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2022	ND	216	108	200	12.5	
DRO >C10-C28*	<10.0	10.0	05/13/2022	ND	208	104	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	05/13/2022	ND					

Surrogate: 1-Chlorooctane 123 % 66.9-136

Surrogate: 1-Chlorooctadecane 127 % 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:	05/13/2022	Sampling Date:	05/12/2022
Reported:	05/18/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: H - 8 (0-1') (H222052-08)

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	05/16/2022	ND	1.93	96.6	2.00	7.27		
Toluene*	<0.050	0.050	05/16/2022	ND	1.91	95.7	2.00	7.21		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.81	90.4	2.00	7.04		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.61	93.4	6.00	7.13		
Total BTEX	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2022	ND	216	108	200	12.5	
DRO >C10-C28*	<10.0	10.0	05/13/2022	ND	208	104	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	05/13/2022	ND					

Surrogate: 1-Chlorooctane 119 % 66.9-136

Surrogate: 1-Chlorooctadecane 126 % 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:	05/13/2022	Sampling Date:	05/12/2022
Reported:	05/18/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: H - 9 (0-1') (H222052-09)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/16/2022	ND	1.93	96.6	2.00	7.27		
Toluene*	<0.050	0.050	05/16/2022	ND	1.91	95.7	2.00	7.21		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.81	90.4	2.00	7.04		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.61	93.4	6.00	7.13		
Total BTX	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2022	ND	220	110	200	4.86	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	211	106	200	5.92	
EXT DRO >C28-C36	10.5	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 100 % 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: 05/13/2022
 Reported: 05/18/2022
 Project Name: BEAR BOOSTER RELEASE
 Project Number: 212C - MD - 02763
 Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 1 (0-1') (H222052-10)

BTX 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/16/2022	ND	1.93	96.6	2.00	7.27		
Toluene*	<0.050	0.050	05/16/2022	ND	1.91	95.7	2.00	7.21		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.81	90.4	2.00	7.04		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.61	93.4	6.00	7.13		
Total BTX	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/16/2022	ND	416	104	400	0.00		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/16/2022	ND	220	110	200	4.86		
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	211	106	200	5.92		
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND						

Surrogate: 1-Chlorooctane 97.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 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: 05/13/2022
 Reported: 05/18/2022
 Project Name: BEAR BOOSTER RELEASE
 Project Number: 212C - MD - 02763
 Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 1 (2') (H222052-11)

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	05/16/2022	ND	1.93	96.6	2.00	7.27		
Toluene*	<0.050	0.050	05/16/2022	ND	1.91	95.7	2.00	7.21		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.81	90.4	2.00	7.04		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.61	93.4	6.00	7.13		
Total BTEX	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2022	ND	220	110	200	4.86	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	211	106	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 75.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 75.7 % 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: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 1 (3') (H222052-12)

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	05/16/2022	ND	1.93	96.6	2.00	7.27		
Toluene*	<0.050	0.050	05/16/2022	ND	1.91	95.7	2.00	7.21		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.81	90.4	2.00	7.04		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.61	93.4	6.00	7.13		
Total BTEx	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2022	ND	220	110	200	4.86	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	211	106	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 79.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.9 % 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: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 1 (4') (H222052-13)

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	05/16/2022	ND	1.93	96.6	2.00	7.27		
Toluene*	<0.050	0.050	05/16/2022	ND	1.91	95.7	2.00	7.21		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.81	90.4	2.00	7.04		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.61	93.4	6.00	7.13		
Total BTEX	<0.300	0.300	05/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	05/16/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2022	ND	220	110	200	4.86	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	211	106	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 71.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.1 % 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: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 1 (5') (H222052-14)

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	05/16/2022	ND	1.94	96.8	2.00	8.57	QR-03	
Toluene*	<0.050	0.050	05/16/2022	ND	1.90	95.2	2.00	9.11	QR-03	
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.87	93.3	2.00	8.68	QR-03	
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.75	95.8	6.00	8.75		
Total BTEx	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2022	ND	220	110	200	4.86	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	211	106	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 73.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 75.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 2 (0-1') (H222052-15)

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	05/16/2022	ND	1.94	96.8	2.00	8.57		
Toluene*	<0.050	0.050	05/16/2022	ND	1.90	95.2	2.00	9.11		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.87	93.3	2.00	8.68		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.75	95.8	6.00	8.75		
Total BTEx	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2022	ND	220	110	200	4.86	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	211	106	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 69.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 71.4 % 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: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 2 (2') (H222052-16)

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	05/16/2022	ND	1.94	96.8	2.00	8.57		
Toluene*	<0.050	0.050	05/16/2022	ND	1.90	95.2	2.00	9.11		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.87	93.3	2.00	8.68		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.75	95.8	6.00	8.75		
Total BTEx	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2022	ND	220	110	200	4.86	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	211	106	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 69.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 70.1 % 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: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 2 (3') (H222052-17)

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	05/16/2022	ND	1.94	96.8	2.00	8.57		
Toluene*	<0.050	0.050	05/16/2022	ND	1.90	95.2	2.00	9.11		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.87	93.3	2.00	8.68		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.75	95.8	6.00	8.75		
Total BTEx	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/16/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2022	ND	220	110	200	4.86	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	211	106	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 93.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.0 % 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: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 2 (4') (H222052-18)

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	05/16/2022	ND	1.94	96.8	2.00	8.57		
Toluene*	<0.050	0.050	05/16/2022	ND	1.90	95.2	2.00	9.11		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.87	93.3	2.00	8.68		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.75	95.8	6.00	8.75		
Total BTEX	<0.300	0.300	05/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	05/16/2022	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	05/16/2022	ND	220	110	200	4.86	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	211	106	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.7 % 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: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 2 (5') (H222052-19)

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	05/16/2022	ND	1.94	96.8	2.00	8.57		
Toluene*	<0.050	0.050	05/16/2022	ND	1.90	95.2	2.00	9.11		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.87	93.3	2.00	8.68		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.75	95.8	6.00	8.75		
Total BTEx	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/16/2022	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	05/16/2022	ND	220	110	200	4.86	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	211	106	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 71.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.1 % 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:	05/13/2022	Sampling Date:	05/12/2022
Reported:	05/18/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: T - 3 (0-1') (H222052-20)

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	05/16/2022	ND	1.94	96.8	2.00	8.57		
Toluene*	<0.050	0.050	05/16/2022	ND	1.90	95.2	2.00	9.11		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.87	93.3	2.00	8.68		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.75	95.8	6.00	8.75		
Total BTEX	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/16/2022	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	05/16/2022	ND	220	110	200	4.86	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	211	106	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 69.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 70.3 % 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: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 3 (2') (H222052-21)

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	05/16/2022	ND	1.94	96.8	2.00	8.57		
Toluene*	<0.050	0.050	05/16/2022	ND	1.90	95.2	2.00	9.11		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.87	93.3	2.00	8.68		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.75	95.8	6.00	8.75		
Total BTEx	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/16/2022	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	05/16/2022	ND	220	110	200	4.86	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	211	106	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 71.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 72.5 % 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: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 3 (3') (H222052-22)

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	05/16/2022	ND	1.94	96.8	2.00	8.57		
Toluene*	0.083	0.050	05/16/2022	ND	1.90	95.2	2.00	9.11	GC-NC1	
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.87	93.3	2.00	8.68		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.75	95.8	6.00	8.75		
Total BTEx	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/16/2022	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	05/16/2022	ND	220	110	200	4.86	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	211	106	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 78.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.3 % 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: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 3 (4') (H222052-23)

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	05/16/2022	ND	1.94	96.8	2.00	8.57		
Toluene*	<0.050	0.050	05/16/2022	ND	1.90	95.2	2.00	9.11		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.87	93.3	2.00	8.68		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.75	95.8	6.00	8.75		
Total BTEX	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/16/2022	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	05/16/2022	ND	220	110	200	4.86	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	211	106	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 68.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 69.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 3 (5') (H222052-24)

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	05/16/2022	ND	1.94	96.8	2.00	8.57		
Toluene*	<0.050	0.050	05/16/2022	ND	1.90	95.2	2.00	9.11		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.87	93.3	2.00	8.68		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.75	95.8	6.00	8.75		
Total BTEx	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/16/2022	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	05/16/2022	ND	220	110	200	4.86	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	211	106	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 87.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.0 % 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:	05/13/2022	Sampling Date:	05/12/2022
Reported:	05/18/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: T - 4 (0-1') (H222052-25)

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	05/16/2022	ND	1.94	96.8	2.00	8.57		
Toluene*	<0.050	0.050	05/16/2022	ND	1.90	95.2	2.00	9.11		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.87	93.3	2.00	8.68		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.75	95.8	6.00	8.75		
Total BTEX	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	05/16/2022	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	05/16/2022	ND	220	110	200	4.86	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	211	106	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 71.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 72.9 % 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:	05/13/2022	Sampling Date:	05/12/2022
Reported:	05/18/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: T - 4 (2') (H222052-26)

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	05/16/2022	ND	1.94	96.8	2.00	8.57		
Toluene*	<0.050	0.050	05/16/2022	ND	1.90	95.2	2.00	9.11		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.87	93.3	2.00	8.68		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.75	95.8	6.00	8.75		
Total BTEX	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/16/2022	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	05/16/2022	ND	220	110	200	4.86	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	211	106	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 70.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 72.7 % 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: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 4 (3') (H222052-27)

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	05/16/2022	ND	1.94	96.8	2.00	8.57		
Toluene*	<0.050	0.050	05/16/2022	ND	1.90	95.2	2.00	9.11		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.87	93.3	2.00	8.68		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.75	95.8	6.00	8.75		
Total BTEx	<0.300	0.300	05/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	05/16/2022	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	05/16/2022	ND	220	110	200	4.86	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	211	106	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 78.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.8 % 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: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 4 (4') (H222052-28)

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	05/16/2022	ND	1.94	96.8	2.00	8.57		
Toluene*	<0.050	0.050	05/16/2022	ND	1.90	95.2	2.00	9.11		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.87	93.3	2.00	8.68		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.75	95.8	6.00	8.75		
Total BTEX	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/16/2022	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	05/16/2022	ND	220	110	200	4.86	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	211	106	200	5.92	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 85.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 4 (5') (H222052-29)

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	05/16/2022	ND	1.94	96.8	2.00	8.57		
Toluene*	<0.050	0.050	05/16/2022	ND	1.90	95.2	2.00	9.11		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.87	93.3	2.00	8.68		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.75	95.8	6.00	8.75		
Total BTEx	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/16/2022	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	05/16/2022	ND	223	111	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	214	107	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.2 % 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:	05/13/2022	Sampling Date:	05/12/2022
Reported:	05/18/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: T - 5 (0-1') (H222052-30)

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	05/16/2022	ND	1.94	96.8	2.00	8.57		
Toluene*	<0.050	0.050	05/16/2022	ND	1.90	95.2	2.00	9.11		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.87	93.3	2.00	8.68		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.75	95.8	6.00	8.75		
Total BTEx	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/16/2022	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	05/16/2022	ND	223	111	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	214	107	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 87.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.8 % 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: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 5 (2') (H222052-31)

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	05/16/2022	ND	1.94	96.8	2.00	8.57		
Toluene*	<0.050	0.050	05/16/2022	ND	1.90	95.2	2.00	9.11		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.87	93.3	2.00	8.68		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.75	95.8	6.00	8.75		
Total BTEx	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/16/2022	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	05/16/2022	ND	223	111	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	214	107	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 89.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.7 % 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: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 5 (3') (H222052-32)

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	05/16/2022	ND	1.94	96.8	2.00	8.57		
Toluene*	<0.050	0.050	05/16/2022	ND	1.90	95.2	2.00	9.11		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.87	93.3	2.00	8.68		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.75	95.8	6.00	8.75		
Total BTEx	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/16/2022	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	05/16/2022	ND	223	111	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	214	107	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 104 % 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: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 5 (4') (H222052-33)

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	05/16/2022	ND	1.94	96.8	2.00	8.57		
Toluene*	<0.050	0.050	05/16/2022	ND	1.90	95.2	2.00	9.11		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.87	93.3	2.00	8.68		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.75	95.8	6.00	8.75		
Total BTEX	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/16/2022	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	05/16/2022	ND	223	111	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	214	107	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 98.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.6 % 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:	05/13/2022	Sampling Date:	05/12/2022
Reported:	05/18/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: T - 5 (5') (H222052-34)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/16/2022	ND	1.80	90.2	2.00	12.8	
Toluene*	<0.050	0.050	05/16/2022	ND	1.84	92.1	2.00	13.9	
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.83	91.4	2.00	12.9	
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.53	92.1	6.00	13.9	
Total BTEX	<0.300	0.300	05/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	05/16/2022	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	05/16/2022	ND	223	111	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	214	107	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 96.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.4 % 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:	05/13/2022	Sampling Date:	05/12/2022
Reported:	05/18/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: T - 6 (0-1') (H222052-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/16/2022	ND	1.80	90.2	2.00	12.8		
Toluene*	<0.050	0.050	05/16/2022	ND	1.84	92.1	2.00	13.9		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.83	91.4	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.53	92.1	6.00	13.9		
Total BTEX	<0.300	0.300	05/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	1490	16.0	05/16/2022	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	05/16/2022	ND	223	111	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	214	107	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 95.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.9 % 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:	05/13/2022	Sampling Date:	05/12/2022
Reported:	05/18/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: T - 6 (2') (H222052-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/16/2022	ND	1.80	90.2	2.00	12.8		
Toluene*	<0.050	0.050	05/16/2022	ND	1.84	92.1	2.00	13.9		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.83	91.4	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.53	92.1	6.00	13.9		
Total BTEX	<0.300	0.300	05/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	80.0	16.0	05/16/2022	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	05/16/2022	ND	223	111	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	214	107	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 92.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.7 % 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: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 6 (3') (H222052-37)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/16/2022	ND	1.80	90.2	2.00	12.8		
Toluene*	<0.050	0.050	05/16/2022	ND	1.84	92.1	2.00	13.9		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.83	91.4	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.53	92.1	6.00	13.9		
Total BTX	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/16/2022	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	05/16/2022	ND	223	111	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	214	107	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 103 % 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: 05/13/2022
 Reported: 05/18/2022
 Project Name: BEAR BOOSTER RELEASE
 Project Number: 212C - MD - 02763
 Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 6 (4') (H222052-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/16/2022	ND	1.80	90.2	2.00	12.8		
Toluene*	<0.050	0.050	05/16/2022	ND	1.84	92.1	2.00	13.9		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.83	91.4	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.53	92.1	6.00	13.9		
Total BTEx	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/16/2022	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	05/16/2022	ND	223	111	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	214	107	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 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:	05/13/2022	Sampling Date:	05/12/2022
Reported:	05/18/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: T - 6 (5') (H222052-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/16/2022	ND	1.80	90.2	2.00	12.8		
Toluene*	<0.050	0.050	05/16/2022	ND	1.84	92.1	2.00	13.9		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.83	91.4	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.53	92.1	6.00	13.9		
Total BTEX	<0.300	0.300	05/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	80.0	16.0	05/16/2022	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	05/16/2022	ND	223	111	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	214	107	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 92.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/13/2022	Sampling Date:	05/12/2022
Reported:	05/18/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: T - 7 (0-1') (H222052-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/16/2022	ND	1.80	90.2	2.00	12.8		
Toluene*	<0.050	0.050	05/16/2022	ND	1.84	92.1	2.00	13.9		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.83	91.4	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.53	92.1	6.00	13.9		
Total BTEX	<0.300	0.300	05/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	05/16/2022	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	05/16/2022	ND	223	111	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	214	107	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 93.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.3 % 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: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 7 (2') (H222052-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/16/2022	ND	1.80	90.2	2.00	12.8		
Toluene*	<0.050	0.050	05/16/2022	ND	1.84	92.1	2.00	13.9		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.83	91.4	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.53	92.1	6.00	13.9		
Total BTEX	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/16/2022	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	05/16/2022	ND	223	111	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	214	107	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 94.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.9 % 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: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 7 (3') (H222052-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/16/2022	ND	1.80	90.2	2.00	12.8		
Toluene*	0.064	0.050	05/16/2022	ND	1.84	92.1	2.00	13.9	GC-NC1	
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.83	91.4	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.53	92.1	6.00	13.9		
Total BTEx	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/16/2022	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	05/16/2022	ND	223	111	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	214	107	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 92.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.6 % 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: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 7 (4') (H222052-43)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/16/2022	ND	1.80	90.2	2.00	12.8		
Toluene*	<0.050	0.050	05/16/2022	ND	1.84	92.1	2.00	13.9		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.83	91.4	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.53	92.1	6.00	13.9		
Total BTEX	<0.300	0.300	05/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	05/16/2022	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	05/16/2022	ND	223	111	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	214	107	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 97.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.8 % 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: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 7 (5') (H222052-44)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/16/2022	ND	1.80	90.2	2.00	12.8		
Toluene*	0.064	0.050	05/16/2022	ND	1.84	92.1	2.00	13.9	GC-NC1	
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.83	91.4	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.53	92.1	6.00	13.9		
Total BTEX	<0.300	0.300	05/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	05/16/2022	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	05/16/2022	ND	223	111	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	214	107	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 97.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.2 % 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:	05/13/2022	Sampling Date:	05/12/2022
Reported:	05/18/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: T - 8 (0-1') (H222052-45)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/16/2022	ND	1.80	90.2	2.00	12.8		
Toluene*	<0.050	0.050	05/16/2022	ND	1.84	92.1	2.00	13.9		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.83	91.4	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.53	92.1	6.00	13.9		
Total BTX	<0.300	0.300	05/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	05/16/2022	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	05/16/2022	ND	223	111	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	214	107	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 98.9 % 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: 05/13/2022
 Reported: 05/18/2022
 Project Name: BEAR BOOSTER RELEASE
 Project Number: 212C - MD - 02763
 Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 8 (2') (H222052-46)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/16/2022	ND	1.80	90.2	2.00	12.8		
Toluene*	<0.050	0.050	05/16/2022	ND	1.84	92.1	2.00	13.9		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.83	91.4	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.53	92.1	6.00	13.9		
Total BTX	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/16/2022	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	05/16/2022	ND	223	111	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	214	107	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 90.9 % 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:	05/13/2022	Sampling Date:	05/12/2022
Reported:	05/18/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: T - 8 (3') (H222052-47)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/16/2022	ND	1.80	90.2	2.00	12.8		
Toluene*	<0.050	0.050	05/16/2022	ND	1.84	92.1	2.00	13.9		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.83	91.4	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.53	92.1	6.00	13.9		
Total BTEX	<0.300	0.300	05/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	05/16/2022	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	05/16/2022	ND	223	111	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	214	107	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 97.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.6 % 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: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 8 (4') (H222052-48)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/16/2022	ND	1.80	90.2	2.00	12.8		
Toluene*	<0.050	0.050	05/16/2022	ND	1.84	92.1	2.00	13.9		
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.83	91.4	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.53	92.1	6.00	13.9		
Total BTEx	<0.300	0.300	05/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/16/2022	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	05/16/2022	ND	223	111	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/16/2022	ND	214	107	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	05/16/2022	ND					

Surrogate: 1-Chlorooctane 93.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.7 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/13/2022
Reported: 05/18/2022
Project Name: BEAR BOOSTER RELEASE
Project Number: 212C - MD - 02763
Project Location: EOG - LEA CO NM

Sampling Date: 05/12/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: T - 8 (5') (H222052-49)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/16/2022	ND	1.80	90.2	2.00	12.8		
Toluene*	0.053	0.050	05/16/2022	ND	1.84	92.1	2.00	13.9	GC-NC1	
Ethylbenzene*	<0.050	0.050	05/16/2022	ND	1.83	91.4	2.00	12.9		
Total Xylenes*	<0.150	0.150	05/16/2022	ND	5.53	92.1	6.00	13.9		
Total BTEX	<0.300	0.300	05/16/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/16/2022	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	05/17/2022	ND	192	96.2	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/17/2022	ND	208	104	200	4.03	
EXT DRO >C28-C36	<10.0	10.0	05/17/2022	ND					

Surrogate: 1-Chlorooctane 74.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 76.7 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager

Analysis Request 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: Bear Booster Release Project #: Brittany.Long@tetratech.com

Project Location: Lea County, NM Project #: 212C-MD-02763

Invoice to: EOG Resources - Todd Wells

Receiving Laboratory: Cardinal Labs Sampler Signature:

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)	ANALYSIS REQUEST (Circle or Specify Method No.)
		DATE	TIME	WATER	SOIL	HCL	HNO ₃			
		YEAR: 2020				ICE	None			
1	H-1 (0-1)	5/12/2022		X		X				BTEX 8021B BTEX 8260B
2	H-2 (0-1)	5/12/2022		X		X				TPH TX1005 (Ext to C35)
3	H-3 (0-1)	5/12/2022		X		X				TPH 8015M (GRO - DRO - ORO - MRO)
4	H-4 (0-1)	5/12/2022		X		X				PAH 8270C
5	H-5 (0-1)	5/12/2022		X		X				Total Metals Ag As Ba Cd Cr Pb Se Hg
6	H-6 (0-1)	5/12/2022		X		X				TCLP Metals Ag As Ba Cd Cr Pb Se Hg
7	H-7 (0-1)	5/12/2022		X		X				TCLP Volatiles
8	H-8 (0-1)	5/12/2022		X		X				X
9	H-9 (0-1)	5/12/2022		X		X				RCI
10	T-1 (0-1)	5/12/2022		X		X				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

Relinquished by: *[Signature]* Date: 5/13/22 Time: 1400

Relinquished by: *[Signature]* Date: 5/13/22 Time: 1400

Received by: *[Signature]* Date: 5-13-22 Time: 1400

Received by: *[Signature]* Date: 5-13-22 Time: 1400

LAB USE ONLY

REMARKS: ☒ STANDARD

☐ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

Sample Temperature: 1.12/10.052

0.122 #113

(Circle) HAND DELIVERED FEDEX UPS Tracking #

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Analysis Request of Custody Record



Tetra Tech, Inc.

 901W Wall Street, Ste 100
 Midland, Texas 79705
 Tel (432) 682-4559
 Fax (432) 682-3946

Page 2 of 5

Client Name: EOG Resources		Site Manager: Brittany Long	
Project Name: Bear Booster Release		Project #: 212C-MD-02763	
Project Location: Lea County, NM		Project #: 212C-MD-02763	
Invoice to: EOG Resources - Todd Wells		Sampler Signature:	
Receiving Laboratory: Cardinal Labs		Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)		
		DATE	TIME	WATER	SOIL	HCL	HNO ₃			ICE	None
11	T-1 (2)	5/12/2022		X		X					
12	T-1 (3)	5/12/2022		X		X					
13	T-1 (4)	5/12/2022		X		X					
14	T-1 (5)	5/12/2022		X		X					
15	T-2 (0-1')	5/12/2022		X		X					
16	T-2 (2)	5/12/2022		X		X					
17	T-2 (3)	5/12/2022		X		X					
18	T-2 (4)	5/12/2022		X		X					
19	T-2 (5)	5/12/2022		X		X					
20	T-3 (0-1')	5/12/2022		X		X					

LAB USE ONLY	REMARKS:
<input checked="" type="checkbox"/> STANDARD	
<input type="checkbox"/> RUSH: Same Day 24 hr 48 hr 72 hr	
<input type="checkbox"/> Rush Charges Authorized	
<input type="checkbox"/> Special Report Limits or TRRP Report	

ANALYSIS REQUEST (Circle or Specify Method No.)
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

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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

Page 3 of 5

Page 54 of 56

Client Name:						EOG Resources								Site Manager:							Brittany Long																																								
Project Name:						Bear Booster Release										Project #:										Brittany.Long@tetratech.com																																			
Project Location: (county, state)						Lea County, NM										Received by:										212C-MD-02763																																			
Invoice to:																Receiving Laboratory:										Cardinal Labs																																			
Comments:																Sampler Signature:																																													
LAB # <div style="text-align:center;">(LAB USE ONLY)</div>						SAMPLE IDENTIFICATION										SAMPLING YEAR: 2020						MATRIX				PRESERVATIVE METHOD				# CONTAINERS				FILTERED (Y/N)																											
						DATE						TIME				WATER		SOIL		HCL		HNO ₃		ICE		None																																			
21						T-3 (2)						5/12/2022										X				X																																			
22						T-3 (3)						5/12/2022										X				X																																			
23						T-3 (4)						5/12/2022										X				X																																			
24						T-3 (5)						5/12/2022										X				X																																			
25						T-4 (0-1')						5/12/2022										X				X																																			
26						T-4 (2)						5/12/2022										X				X																																			
27						T-4 (3)						5/12/2022										X				X																																			
28						T-4 (4)						5/12/2022										X				X																																			
29						T-4 (5)						5/12/2022										X				X																																			
30						T-5 (0-1')						5/12/2022										X				X																																			
Relinquished by:						Date:						Time:						Received by:						Date:						Time:						REMARKS:																									
Relinquished by:						Date:						Time:						Received by:						Date:						Time:						Sample Temperature																									
Relinquished by:						Date:						Time:						Received by:						Date:						Time:						Special Report Limits or TRRP Report																									
Relinquished by:						Date:						Time:						Received by:						Date:						Time:						Hold																									

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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

Page 4 of 5

Page 55 of 56

Client Name:						Site Manager:											
EOG Resources						Brittany Long											
Project Name:						Bear Booster Release											
Project Location: (county, state)						Project #:											
Lea County, NM						Brittany.Long@tetratech.com 212C-MD-02763											
Invoice to:						EOG Resources - Todd Wells											
Receiving Laboratory:						Sampler Signature:											
Cardinal Labs																	
Comments:																	
LAB # (LAB USE ONLY)						SAMPLE IDENTIFICATION											
						SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS		FILTERED (Y/N)			
						YEAR: 2020											
						DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE	None				
T-5 (2')						5/12/2022		X		X							
T-5 (3')						5/12/2022		X		X							
T-5 (4')						5/12/2022		X		X							
T-5 (5')						5/12/2022		X		X							
T-6 (0-1')						5/12/2022		X		X							
T-6 (2')						5/12/2022		X		X							
T-6 (3')						5/12/2022		X		X							
T-6 (4')						5/12/2022		X		X							
T-6 (5')						5/12/2022		X		X							
T-7 (0-1')						5/12/2022		X		X							
Relinquished by:						Date:	Time:	Received by:								Date:	Time:
Yellow						5/13/22	1406	Stefanigary								5-13-22	1406
Relinquished by:						Date:	Time:	Received by:								Date:	Time:
Reinquired by:						Date:	Time:	Received by:								Date:	Time:
Reinquired by:						Date:	Time:	Received by:								Date:	Time:
LAB USE ONLY						REMARKS:											
STANDARD						X											
RUSH: Same Day 24 hr 48 hr 72 hr						X											
Special Report Limits or TRRP Report						X											
Sample Temperature						1.18 / 10.52											
O.P.C. #113						O.P.C. #113											
FEDERATION UPS Tracking #						(Circle) / HAND DELIVERED											

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Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 882-4559
Fax (432) 882-3946

Client Name: EOG Resources Site Manager: Brittany Long

Project Name: Bear Booster Release Project #: Brittany.Long@tetratech.com

Project Location: Lea County, NM Project #: 212C-MD-02763

Invoice to: EOG Resources - Todd Wells

Receiving Laboratory: Cardinal Labs Sampler Signature:

Comments:

LAB USE ONLY

SAMPLE IDENTIFICATION

LAB #

DATE

TIME

WATER
SOIL
HCL
HNO₃
ICE
None

CONTAINERS
FILTERED (Y/N)

BTX 8021B BTX 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

ANALYSIS REQUEST
(Circle or Specify Method No.)

Relinquished by: Date: 5/13/22 Time: 1400

Received by: Date: 5/13/22 Time: 1410

Relinquished by: Date: Time:

Received by: Date: Time:

LAB USE ONLY

REMARKS:

STANDARD

Sample Temperature

RUSH: Same Day 24 hr 48 hr 72 hr

Special Report Limits or TRRP Report

Hand Delivered FEDEX UPS Tracking #:

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Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-15895-1

Laboratory Sample Delivery Group: Eddy County, New Mexico
Client Project/Site: Bear Booster

For:

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

Attn: Brittany Long

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:

6/21/2022 11:58:35 AM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

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.

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Laboratory Job ID: 880-15895-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low 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.
α	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

Eurofins Midland

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Job ID: 880-15895-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-15895-1****Receipt**

The samples were received on 6/15/2022 8:15 AM. 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 4.6°C

GC VOA

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-27628 and analytical batch 880-27741 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The laboratory control sample duplicate (LCSD) associated with preparation batch 880-27835 and analytical batch 880-27863 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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 RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-27556 and analytical batch 880-27563 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-27553 and analytical batch 880-27559 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-27555 and analytical batch 880-27557 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: BH-23 (880-15895-23), BH-25 (880-15895-25), BH-35 (880-15895-35), SW-2 (880-15895-37), SW-3 (880-15895-38) and SW-4 (880-15895-39). 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 880-27637 and analytical batch 880-27860 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.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-27639 and analytical batch 880-27861 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: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-1

Lab Sample ID: 880-15895-1

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 15:37	06/16/22 16:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 16:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 16:50	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/15/22 15:37	06/16/22 16:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 16:50	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/15/22 15:37	06/16/22 16:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/15/22 15:37	06/16/22 16:50	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/15/22 15:37	06/16/22 16:50	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:46	06/15/22 11:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 11:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 11:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	06/15/22 08:46	06/15/22 11:52	1
o-Terphenyl	102		70 - 130	06/15/22 08:46	06/15/22 11:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	944	F1	4.98		mg/Kg			06/20/22 08:51	1

Client Sample ID: BH-2

Lab Sample ID: 880-15895-2

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 15:37	06/16/22 17:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 17:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 17:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/15/22 15:37	06/16/22 17:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 17:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/15/22 15:37	06/16/22 17:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/15/22 15:37	06/16/22 17:11	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/15/22 15:37	06/16/22 17:11	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-2

Lab Sample ID: 880-15895-2

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:46	06/15/22 12:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 12:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 12:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				06/15/22 08:46	06/15/22 12:58	1
o-Terphenyl	112		70 - 130				06/15/22 08:46	06/15/22 12:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	754		4.97		mg/Kg			06/20/22 09:15	1

Client Sample ID: BH-3

Lab Sample ID: 880-15895-3

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 15:37	06/16/22 17:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 15:37	06/16/22 17:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 15:37	06/16/22 17:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 15:37	06/16/22 17:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/22 15:37	06/16/22 17:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 15:37	06/16/22 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				06/15/22 15:37	06/16/22 17:31	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/15/22 15:37	06/16/22 17:31	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:46	06/15/22 13:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 13:20	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-3

Lab Sample ID: 880-15895-3

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				06/15/22 08:46	06/15/22 13:20	1
o-Terphenyl	116		70 - 130				06/15/22 08:46	06/15/22 13:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	714		5.00		mg/Kg			06/20/22 09:22	1

Client Sample ID: BH-4

Lab Sample ID: 880-15895-4

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 15:37	06/16/22 17:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 17:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 17:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/15/22 15:37	06/16/22 17:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 17:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/15/22 15:37	06/16/22 17:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				06/15/22 15:37	06/16/22 17:52	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/15/22 15:37	06/16/22 17:52	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:46	06/15/22 13:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 13:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 13:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				06/15/22 08:46	06/15/22 13:41	1
o-Terphenyl	106		70 - 130				06/15/22 08:46	06/15/22 13:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		4.99		mg/Kg			06/20/22 09:30	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-5

Lab Sample ID: 880-15895-5

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 15:37	06/16/22 18:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 15:37	06/16/22 18:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 15:37	06/16/22 18:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 15:37	06/16/22 18:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/22 15:37	06/16/22 18:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 15:37	06/16/22 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	06/15/22 15:37	06/16/22 18:12	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/15/22 15:37	06/16/22 18:12	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:46	06/15/22 14:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 14:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 14:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	06/15/22 08:46	06/15/22 14:03	1
o-Terphenyl	103		70 - 130	06/15/22 08:46	06/15/22 14:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	539		4.95		mg/Kg			06/20/22 09:38	1

Client Sample ID: BH-6

Lab Sample ID: 880-15895-6

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 15:37	06/16/22 18:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 15:37	06/16/22 18:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 15:37	06/16/22 18:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 15:37	06/16/22 18:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/22 15:37	06/16/22 18:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 15:37	06/16/22 18:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	06/15/22 15:37	06/16/22 18:32	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/15/22 15:37	06/16/22 18:32	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-6

Lab Sample ID: 880-15895-6

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:46	06/15/22 14:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 14:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 14:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				06/15/22 08:46	06/15/22 14:24	1
o-Terphenyl	128		70 - 130				06/15/22 08:46	06/15/22 14:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	157		5.05		mg/Kg			06/20/22 10:02	1

Client Sample ID: BH-7

Lab Sample ID: 880-15895-7

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 15:37	06/16/22 18:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 18:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 18:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/15/22 15:37	06/16/22 18:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 18:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/15/22 15:37	06/16/22 18:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				06/15/22 15:37	06/16/22 18:53	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/15/22 15:37	06/16/22 18:53	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:46	06/15/22 14:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 14:46	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-7

Lab Sample ID: 880-15895-7

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 08:46	06/15/22 14:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				06/15/22 08:46	06/15/22 14:46	1
o-Terphenyl	126		70 - 130				06/15/22 08:46	06/15/22 14:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.8		4.99		mg/Kg			06/20/22 10:09	1

Client Sample ID: BH-8

Lab Sample ID: 880-15895-8

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 15:37	06/16/22 19:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 19:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 19:13	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/15/22 15:37	06/16/22 19:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 19:13	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/15/22 15:37	06/16/22 19:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/15/22 15:37	06/16/22 19:13	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/15/22 15:37	06/16/22 19:13	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:46	06/15/22 15:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 15:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 15:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				06/15/22 08:46	06/15/22 15:08	1
o-Terphenyl	128		70 - 130				06/15/22 08:46	06/15/22 15:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	851		4.98		mg/Kg			06/20/22 10:17	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-9

Lab Sample ID: 880-15895-9

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:00	06/17/22 12:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 12:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 12:09	1
m-Xylene & p-Xylene	<0.00398	U F1	0.00398		mg/Kg		06/15/22 16:00	06/17/22 12:09	1
o-Xylene	<0.00199	U F1	0.00199		mg/Kg		06/15/22 16:00	06/17/22 12:09	1
Xylenes, Total	<0.00398	U F1	0.00398		mg/Kg		06/15/22 16:00	06/17/22 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/15/22 16:00	06/17/22 12:09	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/15/22 16:00	06/17/22 12:09	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:46	06/15/22 15:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 15:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 15:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	06/15/22 08:46	06/15/22 15:30	1
o-Terphenyl	124		70 - 130	06/15/22 08:46	06/15/22 15:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	174		4.96		mg/Kg			06/20/22 10:25	1

Client Sample ID: BH-10

Lab Sample ID: 880-15895-10

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:00	06/17/22 12:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 12:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 12:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 16:00	06/17/22 12:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 12:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 16:00	06/17/22 12:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	06/15/22 16:00	06/17/22 12:35	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/15/22 16:00	06/17/22 12:35	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-10

Lab Sample ID: 880-15895-10

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:46	06/15/22 15:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 15:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 15:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				06/15/22 08:46	06/15/22 15:51	1
o-Terphenyl	101		70 - 130				06/15/22 08:46	06/15/22 15:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	316		5.04		mg/Kg			06/20/22 10:33	1

Client Sample ID: BH-11

Lab Sample ID: 880-15895-11

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:00	06/17/22 13:01	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/15/22 16:00	06/17/22 13:01	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/15/22 16:00	06/17/22 13:01	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/15/22 16:00	06/17/22 13:01	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/15/22 16:00	06/17/22 13:01	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/15/22 16:00	06/17/22 13:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				06/15/22 16:00	06/17/22 13:01	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/15/22 16:00	06/17/22 13:01	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:46	06/15/22 16:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 16:34	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-11

Lab Sample ID: 880-15895-11

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 08:46	06/15/22 16:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				06/15/22 08:46	06/15/22 16:34	1
o-Terphenyl	104		70 - 130				06/15/22 08:46	06/15/22 16:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	294		5.03		mg/Kg			06/20/22 10:41	1

Client Sample ID: BH-12

Lab Sample ID: 880-15895-12

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:00	06/17/22 13:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 13:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 13:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 16:00	06/17/22 13:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 13:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 16:00	06/17/22 13:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				06/15/22 16:00	06/17/22 13:27	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/15/22 16:00	06/17/22 13:27	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:46	06/15/22 16:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 16:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				06/15/22 08:46	06/15/22 16:56	1
o-Terphenyl	101		70 - 130				06/15/22 08:46	06/15/22 16:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	208		4.98		mg/Kg			06/20/22 11:04	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-13

Lab Sample ID: 880-15895-13

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:00	06/17/22 13:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 13:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 13:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/15/22 16:00	06/17/22 13:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 13:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/15/22 16:00	06/17/22 13:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	06/15/22 16:00	06/17/22 13:53	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/15/22 16:00	06/17/22 13:53	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:46	06/15/22 17:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 17:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 17:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	06/15/22 08:46	06/15/22 17:18	1
o-Terphenyl	123		70 - 130	06/15/22 08:46	06/15/22 17:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	169		4.99		mg/Kg			06/20/22 11:12	1

Client Sample ID: BH-14

Lab Sample ID: 880-15895-14

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:00	06/17/22 14:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 14:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 14:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/15/22 16:00	06/17/22 14:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 14:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/15/22 16:00	06/17/22 14:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	06/15/22 16:00	06/17/22 14:19	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/15/22 16:00	06/17/22 14:19	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-14

Lab Sample ID: 880-15895-14

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:46	06/15/22 17:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 17:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 17:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				06/15/22 08:46	06/15/22 17:39	1
o-Terphenyl	115		70 - 130				06/15/22 08:46	06/15/22 17:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	253		5.05		mg/Kg			06/20/22 11:36	1

Client Sample ID: BH-15

Lab Sample ID: 880-15895-15

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:00	06/17/22 14:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 14:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 14:45	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/15/22 16:00	06/17/22 14:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 14:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/15/22 16:00	06/17/22 14:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				06/15/22 16:00	06/17/22 14:45	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/15/22 16:00	06/17/22 14:45	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:46	06/15/22 18:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 18:01	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-15

Lab Sample ID: 880-15895-15

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 18:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				06/15/22 08:46	06/15/22 18:01	1
o-Terphenyl	111		70 - 130				06/15/22 08:46	06/15/22 18:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.9		4.97		mg/Kg			06/20/22 11:44	1

Client Sample ID: BH-16

Lab Sample ID: 880-15895-16

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:00	06/17/22 15:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/15/22 16:00	06/17/22 15:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/15/22 16:00	06/17/22 15:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/15/22 16:00	06/17/22 15:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/15/22 16:00	06/17/22 15:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/15/22 16:00	06/17/22 15:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				06/15/22 16:00	06/17/22 15:10	1
1,4-Difluorobenzene (Surr)	104		70 - 130				06/15/22 16:00	06/17/22 15:10	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:46	06/15/22 18:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 18:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				06/15/22 08:46	06/15/22 18:23	1
o-Terphenyl	115		70 - 130				06/15/22 08:46	06/15/22 18:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.53		4.95		mg/Kg			06/20/22 11:51	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-17

Lab Sample ID: 880-15895-17

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:00	06/17/22 15:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 15:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 15:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 16:00	06/17/22 15:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 15:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 16:00	06/17/22 15:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	06/15/22 16:00	06/17/22 15:36	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/15/22 16:00	06/17/22 15:36	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:46	06/15/22 18:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 18:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 18:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	06/15/22 08:46	06/15/22 18:45	1
o-Terphenyl	96		70 - 130	06/15/22 08:46	06/15/22 18:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.9		4.95		mg/Kg			06/20/22 11:59	1

Client Sample ID: BH-18

Lab Sample ID: 880-15895-18

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/17/22 16:12	06/19/22 09:37	1
Toluene	<0.00199	U *	0.00199		mg/Kg		06/17/22 16:12	06/19/22 09:37	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		06/17/22 16:12	06/19/22 09:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/17/22 16:12	06/19/22 09:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/17/22 16:12	06/19/22 09:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/17/22 16:12	06/19/22 09:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	06/17/22 16:12	06/19/22 09:37	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/17/22 16:12	06/19/22 09:37	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-18

Lab Sample ID: 880-15895-18

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:46	06/15/22 19:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 19:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				06/15/22 08:46	06/15/22 19:06	1
o-Terphenyl	104		70 - 130				06/15/22 08:46	06/15/22 19:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	579		5.00		mg/Kg			06/20/22 12:07	1

Client Sample ID: BH-19

Lab Sample ID: 880-15895-19

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:00	06/17/22 17:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/15/22 16:00	06/17/22 17:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/15/22 16:00	06/17/22 17:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/15/22 16:00	06/17/22 17:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/15/22 16:00	06/17/22 17:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/15/22 16:00	06/17/22 17:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				06/15/22 16:00	06/17/22 17:50	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/15/22 16:00	06/17/22 17:50	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:46	06/15/22 19:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 19:28	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-19

Lab Sample ID: 880-15895-19

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 19:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				06/15/22 08:46	06/15/22 19:28	1
o-Terphenyl	94		70 - 130				06/15/22 08:46	06/15/22 19:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.4		4.99		mg/Kg			06/20/22 12:15	1

Client Sample ID: BH-20

Lab Sample ID: 880-15895-20

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:00	06/17/22 18:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 18:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 18:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/15/22 16:00	06/17/22 18:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 18:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/15/22 16:00	06/17/22 18:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				06/15/22 16:00	06/17/22 18:16	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/15/22 16:00	06/17/22 18:16	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:46	06/15/22 19:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 19:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 19:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				06/15/22 08:46	06/15/22 19:50	1
o-Terphenyl	107		70 - 130				06/15/22 08:46	06/15/22 19:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.2		5.01		mg/Kg			06/20/22 12:23	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-21

Lab Sample ID: 880-15895-21

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:00	06/17/22 18:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 18:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 18:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 16:00	06/17/22 18:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 18:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 16:00	06/17/22 18:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	06/15/22 16:00	06/17/22 18:42	1
1,4-Difluorobenzene (Surr)	89		70 - 130	06/15/22 16:00	06/17/22 18:42	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			06/17/22 09:21	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			06/16/22 09:49	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 F2	49.9		mg/Kg		06/15/22 08:49	06/15/22 11:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1 F2	49.9		mg/Kg		06/15/22 08:49	06/15/22 11:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 11:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	06/15/22 08:49	06/15/22 11:52	1
o-Terphenyl	95		70 - 130	06/15/22 08:49	06/15/22 11:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.4		5.00		mg/Kg			06/20/22 11:11	1

Client Sample ID: BH-22

Lab Sample ID: 880-15895-22

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:00	06/17/22 19:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 19:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 19:08	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/15/22 16:00	06/17/22 19:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 19:08	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/15/22 16:00	06/17/22 19:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	06/15/22 16:00	06/17/22 19:08	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/15/22 16:00	06/17/22 19:08	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-22

Lab Sample ID: 880-15895-22

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:49	06/15/22 12:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 12:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 12:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				06/15/22 08:49	06/15/22 12:58	1
o-Terphenyl	71		70 - 130				06/15/22 08:49	06/15/22 12:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.9		4.98		mg/Kg			06/20/22 11:39	1

Client Sample ID: BH-23

Lab Sample ID: 880-15895-23

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:00	06/17/22 19:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/15/22 16:00	06/17/22 19:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/15/22 16:00	06/17/22 19:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/15/22 16:00	06/17/22 19:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/15/22 16:00	06/17/22 19:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/15/22 16:00	06/17/22 19:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				06/15/22 16:00	06/17/22 19:34	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/15/22 16:00	06/17/22 19:34	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:49	06/15/22 13:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 13:20	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-23

Lab Sample ID: 880-15895-23

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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)	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				06/15/22 08:49	06/15/22 13:20	1
o-Terphenyl	69	S1-	70 - 130				06/15/22 08:49	06/15/22 13:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	540		5.04		mg/Kg			06/20/22 11:48	1

Client Sample ID: BH-24

Lab Sample ID: 880-15895-24

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:00	06/17/22 20:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 20:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 20:00	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/15/22 16:00	06/17/22 20:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 20:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/15/22 16:00	06/17/22 20:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				06/15/22 16:00	06/17/22 20:00	1
1,4-Difluorobenzene (Surr)	95		70 - 130				06/15/22 16:00	06/17/22 20:00	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:49	06/15/22 13:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 13:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 13:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				06/15/22 08:49	06/15/22 13:41	1
o-Terphenyl	70		70 - 130				06/15/22 08:49	06/15/22 13:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.1		4.97		mg/Kg			06/20/22 11:57	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-25

Lab Sample ID: 880-15895-25

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:00	06/17/22 20:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 20:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 20:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 16:00	06/17/22 20:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 20:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 16:00	06/17/22 20:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	06/15/22 16:00	06/17/22 20:26	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/15/22 16:00	06/17/22 20:26	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:49	06/15/22 14:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 14:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 14:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130	06/15/22 08:49	06/15/22 14:03	1
o-Terphenyl	66	S1-	70 - 130	06/15/22 08:49	06/15/22 14:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.9		4.95		mg/Kg			06/20/22 12:07	1

Client Sample ID: BH-26

Lab Sample ID: 880-15895-26

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:00	06/17/22 20:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 20:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 20:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 16:00	06/17/22 20:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 20:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 16:00	06/17/22 20:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	06/15/22 16:00	06/17/22 20:52	1
1,4-Difluorobenzene (Surr)	92		70 - 130	06/15/22 16:00	06/17/22 20:52	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-26

Lab Sample ID: 880-15895-26

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:49	06/15/22 14:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 14:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 14:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				06/15/22 08:49	06/15/22 14:24	1
o-Terphenyl	105		70 - 130				06/15/22 08:49	06/15/22 14:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.5		5.01		mg/Kg			06/20/22 12:35	1

Client Sample ID: BH-27

Lab Sample ID: 880-15895-27

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:00	06/17/22 21:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 21:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 21:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/15/22 16:00	06/17/22 21:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 21:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/15/22 16:00	06/17/22 21:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				06/15/22 16:00	06/17/22 21:18	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/15/22 16:00	06/17/22 21:18	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:49	06/15/22 14:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 14:46	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-27

Lab Sample ID: 880-15895-27

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 08:49	06/15/22 14:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				06/15/22 08:49	06/15/22 14:46	1
o-Terphenyl	84		70 - 130				06/15/22 08:49	06/15/22 14:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.2		4.99		mg/Kg			06/20/22 12:44	1

Client Sample ID: BH-28

Lab Sample ID: 880-15895-28

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:00	06/17/22 21:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 21:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 21:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 16:00	06/17/22 21:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 21:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 16:00	06/17/22 21:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				06/15/22 16:00	06/17/22 21:45	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/15/22 16:00	06/17/22 21:45	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:49	06/15/22 15:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 15:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 15:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				06/15/22 08:49	06/15/22 15:08	1
o-Terphenyl	102		70 - 130				06/15/22 08:49	06/15/22 15:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	322		4.98		mg/Kg			06/20/22 12:53	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-29

Lab Sample ID: 880-15895-29

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:05	06/16/22 14:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 14:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 14:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 16:05	06/16/22 14:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 14:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 16:05	06/16/22 14:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/15/22 16:05	06/16/22 14:27	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/15/22 16:05	06/16/22 14:27	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:49	06/15/22 15:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 15:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 15:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	06/15/22 08:49	06/15/22 15:30	1
o-Terphenyl	80		70 - 130	06/15/22 08:49	06/15/22 15:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.8		4.95		mg/Kg			06/20/22 13:02	1

Client Sample ID: BH-30

Lab Sample ID: 880-15895-30

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:05	06/16/22 14:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 14:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 14:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 16:05	06/16/22 14:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 14:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 16:05	06/16/22 14:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	06/15/22 16:05	06/16/22 14:48	1
1,4-Difluorobenzene (Surr)	88		70 - 130	06/15/22 16:05	06/16/22 14:48	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-30

Lab Sample ID: 880-15895-30

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:49	06/15/22 15:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 15:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 15:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				06/15/22 08:49	06/15/22 15:51	1
o-Terphenyl	81		70 - 130				06/15/22 08:49	06/15/22 15:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	189		4.98		mg/Kg			06/20/22 13:12	1

Client Sample ID: BH-31

Lab Sample ID: 880-15895-31

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:05	06/16/22 15:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 15:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 15:08	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/15/22 16:05	06/16/22 15:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 15:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/15/22 16:05	06/16/22 15:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				06/15/22 16:05	06/16/22 15:08	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/15/22 16:05	06/16/22 15:08	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:49	06/15/22 16:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 16:34	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-31

Lab Sample ID: 880-15895-31

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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)	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 16:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				06/15/22 08:49	06/15/22 16:34	1
o-Terphenyl	90		70 - 130				06/15/22 08:49	06/15/22 16:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.1	F1	4.96		mg/Kg			06/20/22 13:21	1

Client Sample ID: BH-32

Lab Sample ID: 880-15895-32

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:05	06/16/22 15:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 15:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 15:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 16:05	06/16/22 15:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 15:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 16:05	06/16/22 15:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				06/15/22 16:05	06/16/22 15:29	1
1,4-Difluorobenzene (Surr)	86		70 - 130				06/15/22 16:05	06/16/22 15:29	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:49	06/15/22 16:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 16:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				06/15/22 08:49	06/15/22 16:56	1
o-Terphenyl	87		70 - 130				06/15/22 08:49	06/15/22 16:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.1		4.98		mg/Kg			06/20/22 14:16	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-33

Lab Sample ID: 880-15895-33

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:05	06/16/22 15:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 15:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 15:49	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/15/22 16:05	06/16/22 15:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 15:49	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/15/22 16:05	06/16/22 15:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	06/15/22 16:05	06/16/22 15:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/15/22 16:05	06/16/22 15:49	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:49	06/15/22 17:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 17:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 17:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	06/15/22 08:49	06/15/22 17:18	1
o-Terphenyl	86		70 - 130	06/15/22 08:49	06/15/22 17:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.7		4.97		mg/Kg			06/20/22 14:25	1

Client Sample ID: BH-34

Lab Sample ID: 880-15895-34

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:05	06/16/22 17:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/15/22 16:05	06/16/22 17:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/15/22 16:05	06/16/22 17:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/15/22 16:05	06/16/22 17:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/15/22 16:05	06/16/22 17:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/15/22 16:05	06/16/22 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/15/22 16:05	06/16/22 17:12	1
1,4-Difluorobenzene (Surr)	92		70 - 130	06/15/22 16:05	06/16/22 17:12	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-34

Lab Sample ID: 880-15895-34

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:49	06/15/22 17:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 17:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 17:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				06/15/22 08:49	06/15/22 17:39	1
o-Terphenyl	111		70 - 130				06/15/22 08:49	06/15/22 17:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	261		4.98		mg/Kg			06/20/22 15:39	1

Client Sample ID: BH-35

Lab Sample ID: 880-15895-35

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:05	06/16/22 17:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 17:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 17:33	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/15/22 16:05	06/16/22 17:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 17:33	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/15/22 16:05	06/16/22 17:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				06/15/22 16:05	06/16/22 17:33	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/15/22 16:05	06/16/22 17:33	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:49	06/15/22 18:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 18:01	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-35

Lab Sample ID: 880-15895-35

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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)	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 18:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	62	S1-	70 - 130				06/15/22 08:49	06/15/22 18:01	1
o-Terphenyl	56	S1-	70 - 130				06/15/22 08:49	06/15/22 18:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.6		4.95		mg/Kg			06/20/22 15:48	1

Client Sample ID: SW-1

Lab Sample ID: 880-15895-36

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:05	06/16/22 17:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/15/22 16:05	06/16/22 17:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/15/22 16:05	06/16/22 17:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/15/22 16:05	06/16/22 17:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/15/22 16:05	06/16/22 17:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/15/22 16:05	06/16/22 17:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/15/22 16:05	06/16/22 17:53	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/15/22 16:05	06/16/22 17:53	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:49	06/15/22 18:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 18:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				06/15/22 08:49	06/15/22 18:23	1
o-Terphenyl	82		70 - 130				06/15/22 08:49	06/15/22 18:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	143		5.01		mg/Kg			06/20/22 15:58	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-2

Lab Sample ID: 880-15895-37

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:05	06/16/22 18:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 18:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 18:14	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/15/22 16:05	06/16/22 18:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 18:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/15/22 16:05	06/16/22 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	06/15/22 16:05	06/16/22 18:14	1
1,4-Difluorobenzene (Surr)	89		70 - 130	06/15/22 16:05	06/16/22 18:14	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:49	06/15/22 18:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 18:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 18:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	55	S1-	70 - 130	06/15/22 08:49	06/15/22 18:45	1
o-Terphenyl	48	S1-	70 - 130	06/15/22 08:49	06/15/22 18:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	303		4.98		mg/Kg			06/20/22 16:07	1

Client Sample ID: SW-3

Lab Sample ID: 880-15895-38

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:05	06/16/22 18:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 18:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 18:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 16:05	06/16/22 18:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 18:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 16:05	06/16/22 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130	06/15/22 16:05	06/16/22 18:34	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/15/22 16:05	06/16/22 18:34	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-3

Lab Sample ID: 880-15895-38

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:49	06/15/22 19:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 19:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	38	S1-	70 - 130				06/15/22 08:49	06/15/22 19:06	1
o-Terphenyl	34	S1-	70 - 130				06/15/22 08:49	06/15/22 19:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	213		5.05		mg/Kg			06/20/22 16:16	1

Client Sample ID: SW-4

Lab Sample ID: 880-15895-39

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:05	06/16/22 18:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 18:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 18:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/15/22 16:05	06/16/22 18:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 18:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/15/22 16:05	06/16/22 18:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				06/15/22 16:05	06/16/22 18:55	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/15/22 16:05	06/16/22 18:55	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:49	06/15/22 19:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 19:28	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-4

Lab Sample ID: 880-15895-39

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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)	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 19:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	45	S1-	70 - 130				06/15/22 08:49	06/15/22 19:28	1
o-Terphenyl	42	S1-	70 - 130				06/15/22 08:49	06/15/22 19:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1280		4.97		mg/Kg			06/20/22 16:26	1

Client Sample ID: SW-5

Lab Sample ID: 880-15895-40

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:05	06/16/22 19:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 19:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 19:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 16:05	06/16/22 19:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 19:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 16:05	06/16/22 19:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				06/15/22 16:05	06/16/22 19:15	1
1,4-Difluorobenzene (Surr)	94		70 - 130				06/15/22 16:05	06/16/22 19:15	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			06/17/22 09:21	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			06/16/22 09:49	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		06/15/22 08:49	06/15/22 19:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 19:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 19:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				06/15/22 08:49	06/15/22 19:50	1
o-Terphenyl	70		70 - 130				06/15/22 08:49	06/15/22 19:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	114		4.95		mg/Kg			06/20/22 16:35	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-6

Lab Sample ID: 880-15895-41

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:05	06/16/22 19:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 19:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 19:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 16:05	06/16/22 19:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 19:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 16:05	06/16/22 19:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/15/22 16:05	06/16/22 19:36	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/15/22 16:05	06/16/22 19:36	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			06/17/22 09:21	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			06/16/22 09:49	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 *1	50.0		mg/Kg		06/15/22 08:52	06/15/22 15:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:52	06/15/22 15:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/22 08:52	06/15/22 15:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	06/15/22 08:52	06/15/22 15:08	1
o-Terphenyl	115		70 - 130	06/15/22 08:52	06/15/22 15:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	554		25.3		mg/Kg			06/19/22 07:58	5

Client Sample ID: SW-7

Lab Sample ID: 880-15895-42

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:05	06/16/22 19:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 19:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 19:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 16:05	06/16/22 19:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 19:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 16:05	06/16/22 19:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	06/15/22 16:05	06/16/22 19:56	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/15/22 16:05	06/16/22 19:56	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-7

Lab Sample ID: 880-15895-42

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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			06/17/22 09:21	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			06/16/22 09:49	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 *1	49.9		mg/Kg		06/15/22 08:52	06/15/22 15:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:52	06/15/22 15:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:52	06/15/22 15:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				06/15/22 08:52	06/15/22 15:30	1
o-Terphenyl	130		70 - 130				06/15/22 08:52	06/15/22 15:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		5.05		mg/Kg			06/19/22 08:25	1

Client Sample ID: SW-8

Lab Sample ID: 880-15895-43

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/15/22 16:05	06/16/22 20:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 20:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 20:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/15/22 16:05	06/16/22 20:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 20:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/15/22 16:05	06/16/22 20:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				06/15/22 16:05	06/16/22 20:17	1
1,4-Difluorobenzene (Surr)	84		70 - 130				06/15/22 16:05	06/16/22 20:17	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			06/17/22 09:21	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			06/16/22 09:49	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 *1	50.0		mg/Kg		06/15/22 08:52	06/15/22 15:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:52	06/15/22 15:51	1

Eurofins Midland

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-8

Lab Sample ID: 880-15895-43

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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)	<50.0	U	50.0		mg/Kg		06/15/22 08:52	06/15/22 15:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				06/15/22 08:52	06/15/22 15:51	1
o-Terphenyl	114		70 - 130				06/15/22 08:52	06/15/22 15:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.9		5.02		mg/Kg			06/19/22 08:35	1

Client Sample ID: SW-9

Lab Sample ID: 880-15895-44

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/16/22 08:23	06/16/22 13:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:23	06/16/22 13:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:23	06/16/22 13:23	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/16/22 08:23	06/16/22 13:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:23	06/16/22 13:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/16/22 08:23	06/16/22 13:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				06/16/22 08:23	06/16/22 13:23	1
1,4-Difluorobenzene (Surr)	108		70 - 130				06/16/22 08:23	06/16/22 13:23	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			06/17/22 09:21	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			06/16/22 09:49	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 *1	50.0		mg/Kg		06/15/22 08:52	06/15/22 16:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:52	06/15/22 16:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/22 08:52	06/15/22 16:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				06/15/22 08:52	06/15/22 16:13	1
o-Terphenyl	112		70 - 130				06/15/22 08:52	06/15/22 16:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	168		4.99		mg/Kg			06/19/22 08:44	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-10

Lab Sample ID: 880-15895-45

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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		06/16/22 08:23	06/16/22 13:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/16/22 08:23	06/16/22 13:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/16/22 08:23	06/16/22 13:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/16/22 08:23	06/16/22 13:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/16/22 08:23	06/16/22 13:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/16/22 08:23	06/16/22 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	06/16/22 08:23	06/16/22 13:44	1
1,4-Difluorobenzene (Surr)	108		70 - 130	06/16/22 08:23	06/16/22 13:44	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			06/17/22 09:21	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			06/16/22 09:49	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 *1	49.9		mg/Kg		06/15/22 08:52	06/15/22 17:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:52	06/15/22 17:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:52	06/15/22 17:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	06/15/22 08:52	06/15/22 17:19	1
o-Terphenyl	105		70 - 130	06/15/22 08:52	06/15/22 17:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	542		4.97		mg/Kg			06/19/22 08:53	1

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Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-15721-A-13-D MS	Matrix Spike	98	100
880-15721-A-13-E MSD	Matrix Spike Duplicate	107	99
880-15895-1	BH-1	106	100
880-15895-2	BH-2	105	101
880-15895-3	BH-3	99	99
880-15895-4	BH-4	103	100
880-15895-5	BH-5	102	100
880-15895-6	BH-6	104	100
880-15895-7	BH-7	100	99
880-15895-8	BH-8	105	101
880-15895-9	BH-9	109	90
880-15895-9 MS	BH-9	110	102
880-15895-9 MSD	BH-9	114	99
880-15895-10	BH-10	118	94
880-15895-11	BH-11	122	96
880-15895-12	BH-12	116	92
880-15895-13	BH-13	120	101
880-15895-14	BH-14	119	99
880-15895-15	BH-15	117	101
880-15895-16	BH-16	120	104
880-15895-17	BH-17	114	90
880-15895-18	BH-18	113	93
880-15895-19	BH-19	113	89
880-15895-20	BH-20	121	93
880-15895-21	BH-21	114	89
880-15895-22	BH-22	117	94
880-15895-23	BH-23	114	97
880-15895-24	BH-24	118	95
880-15895-25	BH-25	122	99
880-15895-26	BH-26	121	92
880-15895-27	BH-27	116	100
880-15895-28	BH-28	121	93
880-15895-29	BH-29	112	93
880-15895-30	BH-30	100	88
880-15895-31	BH-31	110	93
880-15895-32	BH-32	99	86
880-15895-33	BH-33	115	95
880-15895-34	BH-34	106	92
880-15895-35	BH-35	110	91
880-15895-36	SW-1	108	92
880-15895-37	SW-2	100	89
880-15895-38	SW-3	74	94
880-15895-39	SW-4	110	91
880-15895-40	SW-5	113	94
880-15895-41	SW-6	112	93
880-15895-42	SW-7	95	93
880-15895-43	SW-8	94	84
880-15895-44	SW-9	85	108
880-15895-44 MS	SW-9	87	108

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Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-15895-44 MSD	SW-9	87	109
880-15895-45	SW-10	94	108
880-15903-A-1-B MS	Matrix Spike	108	100
880-15903-A-1-D MSD	Matrix Spike Duplicate	116	96
890-2406-A-18-F MS	Matrix Spike	109	96
890-2406-A-18-G MSD	Matrix Spike Duplicate	110	97
LCS 880-27627/1-A	Lab Control Sample	96	100
LCS 880-27628/1-A	Lab Control Sample	109	115
LCS 880-27629/1-A	Lab Control Sample	105	100
LCS 880-27654/1-A	Lab Control Sample	93	103
LCS 880-27835/1-A	Lab Control Sample	110	96
LCSD 880-27627/2-A	Lab Control Sample Dup	96	100
LCSD 880-27628/2-A	Lab Control Sample Dup	114	97
LCSD 880-27629/2-A	Lab Control Sample Dup	104	98
LCSD 880-27654/2-A	Lab Control Sample Dup	95	103
LCSD 880-27835/2-A	Lab Control Sample Dup	107	95
MB 880-27627/5-A	Method Blank	94	96
MB 880-27628/5-A	Method Blank	84	92
MB 880-27629/5-A	Method Blank	102	90
MB 880-27654/5-A	Method Blank	87	108
MB 880-27796/5-A	Method Blank	99	90
MB 880-27835/5-A	Method Blank	99	88
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)
880-15888-A-1-B MS	Matrix Spike	88	91
880-15888-A-1-C MSD	Matrix Spike Duplicate	89	92
880-15895-1	BH-1	97	102
880-15895-1 MS	BH-1	90	90
880-15895-1 MSD	BH-1	88	89
880-15895-2	BH-2	106	112
880-15895-3	BH-3	106	116
880-15895-4	BH-4	101	106
880-15895-5	BH-5	98	103
880-15895-6	BH-6	117	128
880-15895-7	BH-7	120	126
880-15895-8	BH-8	120	128
880-15895-9	BH-9	115	124
880-15895-10	BH-10	100	101
880-15895-11	BH-11	102	104
880-15895-12	BH-12	101	101
880-15895-13	BH-13	115	123
880-15895-14	BH-14	105	115

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Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy 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)
880-15895-15	BH-15	104	111
880-15895-16	BH-16	110	115
880-15895-17	BH-17	93	96
880-15895-18	BH-18	101	104
880-15895-19	BH-19	89	94
880-15895-20	BH-20	97	107
880-15895-21	BH-21	97	95
880-15895-21 MS	BH-21	98	91
880-15895-21 MSD	BH-21	76	72
880-15895-22	BH-22	72	71
880-15895-23	BH-23	74	69 S1-
880-15895-24	BH-24	73	70
880-15895-25	BH-25	68 S1-	66 S1-
880-15895-26	BH-26	105	105
880-15895-27	BH-27	80	84
880-15895-28	BH-28	102	102
880-15895-29	BH-29	78	80
880-15895-30	BH-30	78	81
880-15895-31	BH-31	86	90
880-15895-32	BH-32	89	87
880-15895-33	BH-33	84	86
880-15895-34	BH-34	112	111
880-15895-35	BH-35	62 S1-	56 S1-
880-15895-36	SW-1	80	82
880-15895-37	SW-2	55 S1-	48 S1-
880-15895-38	SW-3	38 S1-	34 S1-
880-15895-39	SW-4	45 S1-	42 S1-
880-15895-40	SW-5	73	70
880-15895-41	SW-6	96	115
880-15895-42	SW-7	113	130
880-15895-43	SW-8	99	114
880-15895-44	SW-9	99	112
880-15895-45	SW-10	91	105
LCS 880-27553/2-A	Lab Control Sample	94	108
LCS 880-27555/2-A	Lab Control Sample	100	106
LCS 880-27556/2-A	Lab Control Sample	103	113
LCSD 880-27553/3-A	Lab Control Sample Dup	88	100
LCSD 880-27555/3-A	Lab Control Sample Dup	104	108
LCSD 880-27556/3-A	Lab Control Sample Dup	93	106
MB 880-27553/1-A	Method Blank	101	111
MB 880-27555/1-A	Method Blank	98	105
MB 880-27556/1-A	Method Blank	99	114

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-27627/5-A

Matrix: Solid

Analysis Batch: 27651

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27627

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 10:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 10:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 10:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/15/22 15:37	06/16/22 10:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 10:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/15/22 15:37	06/16/22 10:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	06/15/22 15:37	06/16/22 10:45	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/15/22 15:37	06/16/22 10:45	1

Lab Sample ID: LCS 880-27627/1-A

Matrix: Solid

Analysis Batch: 27651

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27627

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08953		mg/Kg		90	70 - 130
Toluene	0.100	0.08917		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09144		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1835		mg/Kg		92	70 - 130
o-Xylene	0.100	0.09968		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-27627/2-A

Matrix: Solid

Analysis Batch: 27651

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27627

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09170		mg/Kg		92	70 - 130	2	35
Toluene	0.100	0.08986		mg/Kg		90	70 - 130	1	35
Ethylbenzene	0.100	0.09298		mg/Kg		93	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1865		mg/Kg		93	70 - 130	2	35
o-Xylene	0.100	0.1018		mg/Kg		102	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-15721-A-13-D MS

Matrix: Solid

Analysis Batch: 27651

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 27627

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.08329		mg/Kg		83	70 - 130
Toluene	<0.00200	U	0.0998	0.08151		mg/Kg		82	70 - 130

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-15721-A-13-D MS

Matrix: Solid

Analysis Batch: 27651

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 27627

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0998	0.08569		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1696		mg/Kg		85	70 - 130
o-Xylene	<0.00200	U	0.0998	0.09380		mg/Kg		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-15721-A-13-E MSD

Matrix: Solid

Analysis Batch: 27651

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 27627

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	0.09204		mg/Kg		93	70 - 130	10	35
Toluene	<0.00200	U	0.0994	0.09183		mg/Kg		92	70 - 130	12	35
Ethylbenzene	<0.00200	U	0.0994	0.09587		mg/Kg		96	70 - 130	11	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1898		mg/Kg		95	70 - 130	11	35
o-Xylene	<0.00200	U	0.0994	0.1055		mg/Kg		106	70 - 130	12	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-27628/5-A

Matrix: Solid

Analysis Batch: 27741

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27628

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 11:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 11:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 11:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/15/22 16:00	06/17/22 11:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 11:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/15/22 16:00	06/17/22 11:44	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	06/15/22 16:00	06/17/22 11:44	1
1,4-Difluorobenzene (Surr)	92		70 - 130	06/15/22 16:00	06/17/22 11:44	1

Lab Sample ID: LCS 880-27628/1-A

Matrix: Solid

Analysis Batch: 27741

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27628

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1100		mg/Kg		110	70 - 130
Toluene	0.100	0.1021		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1043		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.2089		mg/Kg		104	70 - 130

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-27628/1-A

Matrix: Solid

Analysis Batch: 27741

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27628

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1025		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: LCSD 880-27628/2-A

Matrix: Solid

Analysis Batch: 27741

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27628

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09988		mg/Kg		100	70 - 130	10	35
Toluene	0.100	0.1025		mg/Kg		103	70 - 130	0	35
Ethylbenzene	0.100	0.1075		mg/Kg		107	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2151		mg/Kg		108	70 - 130	3	35
o-Xylene	0.100	0.1044		mg/Kg		104	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-15895-9 MS

Matrix: Solid

Analysis Batch: 27741

Client Sample ID: BH-9

Prep Type: Total/NA

Prep Batch: 27628

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0998	0.08470		mg/Kg		85	70 - 130
Toluene	<0.00199	U	0.0998	0.07795		mg/Kg		78	70 - 130
Ethylbenzene	<0.00199	U	0.0998	0.08138		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.1599		mg/Kg		80	70 - 130
o-Xylene	<0.00199	U F1	0.0998	0.07954		mg/Kg		80	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-15895-9 MSD

Matrix: Solid

Analysis Batch: 27741

Client Sample ID: BH-9

Prep Type: Total/NA

Prep Batch: 27628

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0994	0.07761		mg/Kg		78	70 - 130	9	35
Toluene	<0.00199	U	0.0994	0.07082		mg/Kg		71	70 - 130	10	35
Ethylbenzene	<0.00199	U	0.0994	0.06921		mg/Kg		70	70 - 130	16	35
m-Xylene & p-Xylene	<0.00398	U F1	0.199	0.1348	F1	mg/Kg		68	70 - 130	17	35
o-Xylene	<0.00199	U F1	0.0994	0.06733	F1	mg/Kg		68	70 - 130	17	35

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-15895-9 MSD

Matrix: Solid

Analysis Batch: 27741

Client Sample ID: BH-9

Prep Type: Total/NA

Prep Batch: 27628

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

Lab Sample ID: MB 880-27629/5-A

Matrix: Solid

Analysis Batch: 27660

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27629

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 12:23	1	
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 12:23	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 12:23	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/15/22 16:05	06/16/22 12:23	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 12:23	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/15/22 16:05	06/16/22 12:23	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				06/15/22 16:05	06/16/22 12:23	1	
1,4-Difluorobenzene (Surr)	90		70 - 130				06/15/22 16:05	06/16/22 12:23	1	

Lab Sample ID: LCS 880-27629/1-A

Matrix: Solid

Analysis Batch: 27660

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27629

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.1137		mg/Kg		114	70 - 130			
Toluene	0.100	0.1099		mg/Kg		110	70 - 130			
Ethylbenzene	0.100	0.1121		mg/Kg		112	70 - 130			
m-Xylene & p-Xylene	0.200	0.2297		mg/Kg		115	70 - 130			
o-Xylene	0.100	0.1147		mg/Kg		115	70 - 130			
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	105		70 - 130							
1,4-Difluorobenzene (Surr)	100		70 - 130							

Lab Sample ID: LCSD 880-27629/2-A

Matrix: Solid

Analysis Batch: 27660

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27629

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.09822		mg/Kg		98	70 - 130	15	35	
Toluene	0.100	0.09566		mg/Kg		96	70 - 130	14	35	
Ethylbenzene	0.100	0.09756		mg/Kg		98	70 - 130	14	35	
m-Xylene & p-Xylene	0.200	0.2012		mg/Kg		101	70 - 130	13	35	
o-Xylene	0.100	0.1004		mg/Kg		100	70 - 130	13	35	
	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	104		70 - 130							

Eurofins Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-27629/2-A

Matrix: Solid

Analysis Batch: 27660

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27629

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

Lab Sample ID: 880-15903-A-1-B MS

Matrix: Solid

Analysis Batch: 27660

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 27629

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.0998	0.09400		mg/Kg		94	70 - 130	
Toluene	<0.00200	U	0.0998	0.09113		mg/Kg		91	70 - 130	
Ethylbenzene	<0.00200	U	0.0998	0.09319		mg/Kg		93	70 - 130	
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1901		mg/Kg		95	70 - 130	
o-Xylene	<0.00200	U	0.0998	0.09450		mg/Kg		95	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-15903-A-1-D MSD

Matrix: Solid

Analysis Batch: 27660

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 27629

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00200	U	0.100	0.07547		mg/Kg		75	70 - 130	22	35	
Toluene	<0.00200	U	0.100	0.08152		mg/Kg		81	70 - 130	11	35	
Ethylbenzene	<0.00200	U	0.100	0.08602		mg/Kg		86	70 - 130	8	35	
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1801		mg/Kg		90	70 - 130	5	35	
o-Xylene	<0.00200	U	0.100	0.09119		mg/Kg		91	70 - 130	4	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-27654/5-A

Matrix: Solid

Analysis Batch: 27652

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27654

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:23	06/16/22 13:01	1	
Toluene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:23	06/16/22 13:01	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:23	06/16/22 13:01	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/16/22 08:23	06/16/22 13:01	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:23	06/16/22 13:01	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/16/22 08:23	06/16/22 13:01	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
4-Bromofluorobenzene (Surr)	87		70 - 130	06/16/22 08:23	06/16/22 13:01	1				
1,4-Difluorobenzene (Surr)	108		70 - 130	06/16/22 08:23	06/16/22 13:01	1				

Eurofins Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-27654/1-A

Matrix: Solid

Analysis Batch: 27652

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27654

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08917		mg/Kg		89	70 - 130
Toluene	0.100	0.09001		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.07993		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	0.200	0.1560		mg/Kg		78	70 - 130
o-Xylene	0.100	0.08549		mg/Kg		85	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-27654/2-A

Matrix: Solid

Analysis Batch: 27652

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27654

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09645		mg/Kg		96	70 - 130	8	35
Toluene	0.100	0.1028		mg/Kg		103	70 - 130	13	35
Ethylbenzene	0.100	0.09260		mg/Kg		93	70 - 130	15	35
m-Xylene & p-Xylene	0.200	0.1815		mg/Kg		91	70 - 130	15	35
o-Xylene	0.100	0.09822		mg/Kg		98	70 - 130	14	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-15895-44 MS

Matrix: Solid

Analysis Batch: 27652

Client Sample ID: SW-9

Prep Type: Total/NA

Prep Batch: 27654

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.09628		mg/Kg		96	70 - 130
Toluene	<0.00200	U	0.0998	0.08934		mg/Kg		90	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.07507		mg/Kg		75	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1429		mg/Kg		72	70 - 130
o-Xylene	<0.00200	U	0.0998	0.07783		mg/Kg		78	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-15895-44 MSD

Matrix: Solid

Analysis Batch: 27652

Client Sample ID: SW-9

Prep Type: Total/NA

Prep Batch: 27654

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	0.09559		mg/Kg		96	70 - 130	1	35
Toluene	<0.00200	U	0.0994	0.08750		mg/Kg		88	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.0994	0.07306		mg/Kg		73	70 - 130	3	35

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-15895-44 MSD

Matrix: Solid

Analysis Batch: 27652

Client Sample ID: SW-9

Prep Type: Total/NA

Prep Batch: 27654

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1385		mg/Kg		70	70 - 130	3	35
o-Xylene	<0.00200	U	0.0994	0.07544		mg/Kg		76	70 - 130	3	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	87		70 - 130								
1,4-Difluorobenzene (Surr)	109		70 - 130								

Lab Sample ID: MB 880-27796/5-A

Matrix: Solid

Analysis Batch: 27863

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27796

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/17/22 10:10	06/18/22 21:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/17/22 10:10	06/18/22 21:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/17/22 10:10	06/18/22 21:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/17/22 10:10	06/18/22 21:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/17/22 10:10	06/18/22 21:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/17/22 10:10	06/18/22 21:00	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				06/17/22 10:10	06/18/22 21:00	1
1,4-Difluorobenzene (Surr)	90		70 - 130				06/17/22 10:10	06/18/22 21:00	1

Lab Sample ID: MB 880-27835/5-A

Matrix: Solid

Analysis Batch: 27863

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27835

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/17/22 16:12	06/19/22 07:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/17/22 16:12	06/19/22 07:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/17/22 16:12	06/19/22 07:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/17/22 16:12	06/19/22 07:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/17/22 16:12	06/19/22 07:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/17/22 16:12	06/19/22 07:33	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				06/17/22 16:12	06/19/22 07:33	1
1,4-Difluorobenzene (Surr)	88		70 - 130				06/17/22 16:12	06/19/22 07:33	1

Lab Sample ID: LCS 880-27835/1-A

Matrix: Solid

Analysis Batch: 27863

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27835

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07072		mg/Kg		71	70 - 130
Toluene	0.100	0.07286		mg/Kg		73	70 - 130
Ethylbenzene	0.100	0.07321		mg/Kg		73	70 - 130
m-Xylene & p-Xylene	0.200	0.1531		mg/Kg		77	70 - 130

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-27835/1-A

Matrix: Solid

Analysis Batch: 27863

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27835

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.08071		mg/Kg		81	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-27835/2-A

Matrix: Solid

Analysis Batch: 27863

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27835

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.06706	*-	mg/Kg		67	70 - 130	5	35
Toluene	0.100	0.06853	*-	mg/Kg		69	70 - 130	6	35
Ethylbenzene	0.100	0.06843	*-	mg/Kg		68	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1445		mg/Kg		72	70 - 130	6	35
o-Xylene	0.100	0.07582		mg/Kg		76	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 890-2406-A-18-F MS

Matrix: Solid

Analysis Batch: 27863

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 27835

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U *-	0.100	0.09145		mg/Kg		91	70 - 130
Toluene	<0.00201	U *-	0.100	0.09094		mg/Kg		89	70 - 130
Ethylbenzene	<0.00201	U *-	0.100	0.08828		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.201	0.1828		mg/Kg		90	70 - 130
o-Xylene	<0.00201	U	0.100	0.09141		mg/Kg		90	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-2406-A-18-G MSD

Matrix: Solid

Analysis Batch: 27863

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 27835

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00201	U *-	0.0994	0.07961		mg/Kg		80	70 - 130	14	35
Toluene	<0.00201	U *-	0.0994	0.08216		mg/Kg		81	70 - 130	10	35
Ethylbenzene	<0.00201	U *-	0.0994	0.08488		mg/Kg		85	70 - 130	4	35
m-Xylene & p-Xylene	<0.00402	U	0.199	0.1766		mg/Kg		87	70 - 130	3	35
o-Xylene	<0.00201	U	0.0994	0.08832		mg/Kg		88	70 - 130	3	35

Eurofins Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 890-2406-A-18-G MSD

Matrix: Solid

Analysis Batch: 27863

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 27835

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

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

Lab Sample ID: MB 880-27553/1-A

Matrix: Solid

Analysis Batch: 27559

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27553

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 10:47	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 10:47	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 10:47	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	101		70 - 130				06/15/22 08:46	06/15/22 10:47	1	
o-Terphenyl	111		70 - 130				06/15/22 08:46	06/15/22 10:47	1	

Lab Sample ID: LCS 880-27553/2-A

Matrix: Solid

Analysis Batch: 27559

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27553

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10			1000	735.0		mg/Kg		74	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	862.6		mg/Kg		86	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	94		70 - 130							
o-Terphenyl	108		70 - 130							

Lab Sample ID: LCSD 880-27553/3-A

Matrix: Solid

Analysis Batch: 27559

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27553

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	690.7	*-	mg/Kg		69	70 - 130	6	20	
Diesel Range Organics (Over C10-C28)			1000	821.4		mg/Kg		82	70 - 130	5	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	88		70 - 130									
o-Terphenyl	100		70 - 130									

Eurofins Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-15895-1 MS

Matrix: Solid

Analysis Batch: 27559

Client Sample ID: BH-1

Prep Type: Total/NA

Prep Batch: 27553

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	998	927.2		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	998	910.1		mg/Kg		90	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	90		70 - 130						
o-Terphenyl	90		70 - 130						

Lab Sample ID: 880-15895-1 MSD

Matrix: Solid

Analysis Batch: 27559

Client Sample ID: BH-1

Prep Type: Total/NA

Prep Batch: 27553

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	<49.9	U *-	999	917.0		mg/Kg		90	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	899.9		mg/Kg		88	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	88		70 - 130								
o-Terphenyl	89		70 - 130								

Lab Sample ID: MB 880-27555/1-A

Matrix: Solid

Analysis Batch: 27557

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27555

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		06/15/22 08:49	06/15/22 10:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 10:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 10:47	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				06/15/22 08:49	06/15/22 10:47	1
o-Terphenyl	105		70 - 130				06/15/22 08:49	06/15/22 10:47	1

Lab Sample ID: LCS 880-27555/2-A

Matrix: Solid

Analysis Batch: 27557

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27555

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	847.5		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	1000	887.3		mg/Kg		89	70 - 130

Eurofins Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-27555/2-A

Matrix: Solid

Analysis Batch: 27557

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27555

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: LCSD 880-27555/3-A

Matrix: Solid

Analysis Batch: 27557

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27555

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	809.2		mg/Kg		81	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	882.5		mg/Kg		88	70 - 130	1	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: 880-15895-21 MS

Matrix: Solid

Analysis Batch: 27557

Client Sample ID: BH-21

Prep Type: Total/NA

Prep Batch: 27555

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	998	1080		mg/Kg		108	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1 F2	998	835.2		mg/Kg		84	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 880-15895-21 MSD

Matrix: Solid

Analysis Batch: 27557

Client Sample ID: BH-21

Prep Type: Total/NA

Prep Batch: 27555

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	<49.9	U F2	999	779.0	F2	mg/Kg		78	70 - 130	32	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1 F2	999	669.6	F1 F2	mg/Kg		67	70 - 130	22	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	76		70 - 130
o-Terphenyl	72		70 - 130

Eurofins Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-27556/1-A

Matrix: Solid

Analysis Batch: 27563

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27556

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		06/15/22 08:52	06/15/22 11:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/22 08:52	06/15/22 11:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/22 08:52	06/15/22 11:07	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				06/15/22 08:52	06/15/22 11:07	1
o-Terphenyl	114		70 - 130				06/15/22 08:52	06/15/22 11:07	1

Lab Sample ID: LCS 880-27556/2-A

Matrix: Solid

Analysis Batch: 27563

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27556

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1104		mg/Kg		110	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1083		mg/Kg		108	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	103		70 - 130				
o-Terphenyl	113		70 - 130				

Lab Sample ID: LCSD 880-27556/3-A

Matrix: Solid

Analysis Batch: 27563

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27556

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	837.3	*1	mg/Kg		84	70 - 130	27	20
Diesel Range Organics (Over C10-C28)	1000	1017		mg/Kg		102	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	93		70 - 130						
o-Terphenyl	106		70 - 130						

Lab Sample ID: 880-15888-A-1-B MS

Matrix: Solid

Analysis Batch: 27563

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 27556

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	998	838.6		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	998	808.9		mg/Kg		81	70 - 130

Eurofins Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-15888-A-1-B MS

Matrix: Solid

Analysis Batch: 27563

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 27556

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	88		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 880-15888-A-1-C MSD

Matrix: Solid

Analysis Batch: 27563

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 27556

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	<49.9	U *1	999	842.4		mg/Kg		82	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	851.7		mg/Kg		85	70 - 130	5	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	92		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-27636/1-A

Matrix: Solid

Analysis Batch: 27857

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/19/22 04:44	1

Lab Sample ID: LCS 880-27636/2-A

Matrix: Solid

Analysis Batch: 27857

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	273.8		mg/Kg		110	90 - 110

Lab Sample ID: LCSD 880-27636/3-A

Matrix: Solid

Analysis Batch: 27857

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	270.4		mg/Kg		108	90 - 110	1	20

Lab Sample ID: 880-15818-A-6-C MS

Matrix: Solid

Analysis Batch: 27857

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	452		253	709.0		mg/Kg		102	90 - 110

Eurofins Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-15818-A-6-D MSD

Matrix: Solid

Analysis Batch: 27857

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	452		253	711.4		mg/Kg		103	90 - 110	0	20

Lab Sample ID: MB 880-27637/1-A

Matrix: Solid

Analysis Batch: 27860

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/20/22 08:27	1

Lab Sample ID: LCS 880-27637/2-A

Matrix: Solid

Analysis Batch: 27860

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	257.3		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-27637/3-A

Matrix: Solid

Analysis Batch: 27860

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	261.8		mg/Kg		105	90 - 110	2	20

Lab Sample ID: 880-15895-1 MS

Matrix: Solid

Analysis Batch: 27860

Client Sample ID: BH-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	944	F1	249	1214		mg/Kg		109	90 - 110

Lab Sample ID: 880-15895-1 MSD

Matrix: Solid

Analysis Batch: 27860

Client Sample ID: BH-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	944	F1	249	1222	F1	mg/Kg		111	90 - 110	1	20

Lab Sample ID: 880-15895-11 MS

Matrix: Solid

Analysis Batch: 27860

Client Sample ID: BH-11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	294		252	558.7		mg/Kg		105	90 - 110

Lab Sample ID: 880-15895-11 MSD

Matrix: Solid

Analysis Batch: 27860

Client Sample ID: BH-11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	294		252	559.8		mg/Kg		106	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-27639/1-A

Matrix: Solid

Analysis Batch: 27861

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/20/22 10:16	1

Lab Sample ID: LCS 880-27639/2-A

Matrix: Solid

Analysis Batch: 27861

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	270.4		mg/Kg		108	90 - 110

Lab Sample ID: LCSD 880-27639/3-A

Matrix: Solid

Analysis Batch: 27861

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	270.7		mg/Kg		108	90 - 110	0	20

Lab Sample ID: 880-15895-21 MS

Matrix: Solid

Analysis Batch: 27861

Client Sample ID: BH-21

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	44.4		250	316.2		mg/Kg		109	90 - 110

Lab Sample ID: 880-15895-21 MSD

Matrix: Solid

Analysis Batch: 27861

Client Sample ID: BH-21

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	44.4		250	315.6		mg/Kg		108	90 - 110	0	20

Lab Sample ID: 880-15895-31 MS

Matrix: Solid

Analysis Batch: 27861

Client Sample ID: BH-31

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	45.1	F1	248	317.0		mg/Kg		110	90 - 110

Lab Sample ID: 880-15895-31 MSD

Matrix: Solid

Analysis Batch: 27861

Client Sample ID: BH-31

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	45.1	F1	248	319.4	F1	mg/Kg		111	90 - 110	1	20

Eurofins Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 27627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-1	BH-1	Total/NA	Solid	5035	
880-15895-2	BH-2	Total/NA	Solid	5035	
880-15895-3	BH-3	Total/NA	Solid	5035	
880-15895-4	BH-4	Total/NA	Solid	5035	
880-15895-5	BH-5	Total/NA	Solid	5035	
880-15895-6	BH-6	Total/NA	Solid	5035	
880-15895-7	BH-7	Total/NA	Solid	5035	
880-15895-8	BH-8	Total/NA	Solid	5035	
MB 880-27627/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27627/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27627/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15721-A-13-D MS	Matrix Spike	Total/NA	Solid	5035	
880-15721-A-13-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 27628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-9	BH-9	Total/NA	Solid	5035	
880-15895-10	BH-10	Total/NA	Solid	5035	
880-15895-11	BH-11	Total/NA	Solid	5035	
880-15895-12	BH-12	Total/NA	Solid	5035	
880-15895-13	BH-13	Total/NA	Solid	5035	
880-15895-14	BH-14	Total/NA	Solid	5035	
880-15895-15	BH-15	Total/NA	Solid	5035	
880-15895-16	BH-16	Total/NA	Solid	5035	
880-15895-17	BH-17	Total/NA	Solid	5035	
880-15895-19	BH-19	Total/NA	Solid	5035	
880-15895-20	BH-20	Total/NA	Solid	5035	
880-15895-21	BH-21	Total/NA	Solid	5035	
880-15895-22	BH-22	Total/NA	Solid	5035	
880-15895-23	BH-23	Total/NA	Solid	5035	
880-15895-24	BH-24	Total/NA	Solid	5035	
880-15895-25	BH-25	Total/NA	Solid	5035	
880-15895-26	BH-26	Total/NA	Solid	5035	
880-15895-27	BH-27	Total/NA	Solid	5035	
880-15895-28	BH-28	Total/NA	Solid	5035	
MB 880-27628/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27628/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27628/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15895-9 MS	BH-9	Total/NA	Solid	5035	
880-15895-9 MSD	BH-9	Total/NA	Solid	5035	

Prep Batch: 27629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-29	BH-29	Total/NA	Solid	5035	
880-15895-30	BH-30	Total/NA	Solid	5035	
880-15895-31	BH-31	Total/NA	Solid	5035	
880-15895-32	BH-32	Total/NA	Solid	5035	
880-15895-33	BH-33	Total/NA	Solid	5035	
880-15895-34	BH-34	Total/NA	Solid	5035	
880-15895-35	BH-35	Total/NA	Solid	5035	
880-15895-36	SW-1	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Prep Batch: 27629 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-37	SW-2	Total/NA	Solid	5035	
880-15895-38	SW-3	Total/NA	Solid	5035	
880-15895-39	SW-4	Total/NA	Solid	5035	
880-15895-40	SW-5	Total/NA	Solid	5035	
880-15895-41	SW-6	Total/NA	Solid	5035	
880-15895-42	SW-7	Total/NA	Solid	5035	
880-15895-43	SW-8	Total/NA	Solid	5035	
MB 880-27629/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27629/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27629/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15903-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-15903-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 27651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-1	BH-1	Total/NA	Solid	8021B	27627
880-15895-2	BH-2	Total/NA	Solid	8021B	27627
880-15895-3	BH-3	Total/NA	Solid	8021B	27627
880-15895-4	BH-4	Total/NA	Solid	8021B	27627
880-15895-5	BH-5	Total/NA	Solid	8021B	27627
880-15895-6	BH-6	Total/NA	Solid	8021B	27627
880-15895-7	BH-7	Total/NA	Solid	8021B	27627
880-15895-8	BH-8	Total/NA	Solid	8021B	27627
MB 880-27627/5-A	Method Blank	Total/NA	Solid	8021B	27627
LCS 880-27627/1-A	Lab Control Sample	Total/NA	Solid	8021B	27627
LCSD 880-27627/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27627
880-15721-A-13-D MS	Matrix Spike	Total/NA	Solid	8021B	27627
880-15721-A-13-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	27627

Analysis Batch: 27652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-44	SW-9	Total/NA	Solid	8021B	27654
880-15895-45	SW-10	Total/NA	Solid	8021B	27654
MB 880-27654/5-A	Method Blank	Total/NA	Solid	8021B	27654
LCS 880-27654/1-A	Lab Control Sample	Total/NA	Solid	8021B	27654
LCSD 880-27654/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27654
880-15895-44 MS	SW-9	Total/NA	Solid	8021B	27654
880-15895-44 MSD	SW-9	Total/NA	Solid	8021B	27654

Prep Batch: 27654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-44	SW-9	Total/NA	Solid	5035	
880-15895-45	SW-10	Total/NA	Solid	5035	
MB 880-27654/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27654/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27654/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15895-44 MS	SW-9	Total/NA	Solid	5035	
880-15895-44 MSD	SW-9	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

GC VOA

Analysis Batch: 27660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-29	BH-29	Total/NA	Solid	8021B	27629
880-15895-30	BH-30	Total/NA	Solid	8021B	27629
880-15895-31	BH-31	Total/NA	Solid	8021B	27629
880-15895-32	BH-32	Total/NA	Solid	8021B	27629
880-15895-33	BH-33	Total/NA	Solid	8021B	27629
880-15895-34	BH-34	Total/NA	Solid	8021B	27629
880-15895-35	BH-35	Total/NA	Solid	8021B	27629
880-15895-36	SW-1	Total/NA	Solid	8021B	27629
880-15895-37	SW-2	Total/NA	Solid	8021B	27629
880-15895-38	SW-3	Total/NA	Solid	8021B	27629
880-15895-39	SW-4	Total/NA	Solid	8021B	27629
880-15895-40	SW-5	Total/NA	Solid	8021B	27629
880-15895-41	SW-6	Total/NA	Solid	8021B	27629
880-15895-42	SW-7	Total/NA	Solid	8021B	27629
880-15895-43	SW-8	Total/NA	Solid	8021B	27629
MB 880-27629/5-A	Method Blank	Total/NA	Solid	8021B	27629
LCS 880-27629/1-A	Lab Control Sample	Total/NA	Solid	8021B	27629
LCSD 880-27629/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27629
880-15903-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	27629
880-15903-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	27629

Analysis Batch: 27741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-9	BH-9	Total/NA	Solid	8021B	27628
880-15895-10	BH-10	Total/NA	Solid	8021B	27628
880-15895-11	BH-11	Total/NA	Solid	8021B	27628
880-15895-12	BH-12	Total/NA	Solid	8021B	27628
880-15895-13	BH-13	Total/NA	Solid	8021B	27628
880-15895-14	BH-14	Total/NA	Solid	8021B	27628
880-15895-15	BH-15	Total/NA	Solid	8021B	27628
880-15895-16	BH-16	Total/NA	Solid	8021B	27628
880-15895-17	BH-17	Total/NA	Solid	8021B	27628
880-15895-19	BH-19	Total/NA	Solid	8021B	27628
880-15895-20	BH-20	Total/NA	Solid	8021B	27628
880-15895-21	BH-21	Total/NA	Solid	8021B	27628
880-15895-22	BH-22	Total/NA	Solid	8021B	27628
880-15895-23	BH-23	Total/NA	Solid	8021B	27628
880-15895-24	BH-24	Total/NA	Solid	8021B	27628
880-15895-25	BH-25	Total/NA	Solid	8021B	27628
880-15895-26	BH-26	Total/NA	Solid	8021B	27628
880-15895-27	BH-27	Total/NA	Solid	8021B	27628
880-15895-28	BH-28	Total/NA	Solid	8021B	27628
MB 880-27628/5-A	Method Blank	Total/NA	Solid	8021B	27628
LCS 880-27628/1-A	Lab Control Sample	Total/NA	Solid	8021B	27628
LCSD 880-27628/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27628
880-15895-9 MS	BH-9	Total/NA	Solid	8021B	27628
880-15895-9 MSD	BH-9	Total/NA	Solid	8021B	27628

Analysis Batch: 27768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-1	BH-1	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 27768 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-2	BH-2	Total/NA	Solid	Total BTEX	
880-15895-3	BH-3	Total/NA	Solid	Total BTEX	
880-15895-4	BH-4	Total/NA	Solid	Total BTEX	
880-15895-5	BH-5	Total/NA	Solid	Total BTEX	
880-15895-6	BH-6	Total/NA	Solid	Total BTEX	
880-15895-7	BH-7	Total/NA	Solid	Total BTEX	
880-15895-8	BH-8	Total/NA	Solid	Total BTEX	
880-15895-9	BH-9	Total/NA	Solid	Total BTEX	
880-15895-10	BH-10	Total/NA	Solid	Total BTEX	
880-15895-11	BH-11	Total/NA	Solid	Total BTEX	
880-15895-12	BH-12	Total/NA	Solid	Total BTEX	
880-15895-13	BH-13	Total/NA	Solid	Total BTEX	
880-15895-14	BH-14	Total/NA	Solid	Total BTEX	
880-15895-15	BH-15	Total/NA	Solid	Total BTEX	
880-15895-16	BH-16	Total/NA	Solid	Total BTEX	
880-15895-17	BH-17	Total/NA	Solid	Total BTEX	
880-15895-18	BH-18	Total/NA	Solid	Total BTEX	
880-15895-19	BH-19	Total/NA	Solid	Total BTEX	
880-15895-20	BH-20	Total/NA	Solid	Total BTEX	
880-15895-21	BH-21	Total/NA	Solid	Total BTEX	
880-15895-22	BH-22	Total/NA	Solid	Total BTEX	
880-15895-23	BH-23	Total/NA	Solid	Total BTEX	
880-15895-24	BH-24	Total/NA	Solid	Total BTEX	
880-15895-25	BH-25	Total/NA	Solid	Total BTEX	
880-15895-26	BH-26	Total/NA	Solid	Total BTEX	
880-15895-27	BH-27	Total/NA	Solid	Total BTEX	
880-15895-28	BH-28	Total/NA	Solid	Total BTEX	
880-15895-29	BH-29	Total/NA	Solid	Total BTEX	
880-15895-30	BH-30	Total/NA	Solid	Total BTEX	
880-15895-31	BH-31	Total/NA	Solid	Total BTEX	
880-15895-32	BH-32	Total/NA	Solid	Total BTEX	
880-15895-33	BH-33	Total/NA	Solid	Total BTEX	
880-15895-34	BH-34	Total/NA	Solid	Total BTEX	
880-15895-35	BH-35	Total/NA	Solid	Total BTEX	
880-15895-36	SW-1	Total/NA	Solid	Total BTEX	
880-15895-37	SW-2	Total/NA	Solid	Total BTEX	
880-15895-38	SW-3	Total/NA	Solid	Total BTEX	
880-15895-39	SW-4	Total/NA	Solid	Total BTEX	
880-15895-40	SW-5	Total/NA	Solid	Total BTEX	
880-15895-41	SW-6	Total/NA	Solid	Total BTEX	
880-15895-42	SW-7	Total/NA	Solid	Total BTEX	
880-15895-43	SW-8	Total/NA	Solid	Total BTEX	
880-15895-44	SW-9	Total/NA	Solid	Total BTEX	
880-15895-45	SW-10	Total/NA	Solid	Total BTEX	

Prep Batch: 27796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-27796/5-A	Method Blank	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 27835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-18	BH-18	Total/NA	Solid	5035	
MB 880-27835/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27835/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27835/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2406-A-18-F MS	Matrix Spike	Total/NA	Solid	5035	
890-2406-A-18-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 27863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-18	BH-18	Total/NA	Solid	8021B	27835
MB 880-27796/5-A	Method Blank	Total/NA	Solid	8021B	27796
MB 880-27835/5-A	Method Blank	Total/NA	Solid	8021B	27835
LCS 880-27835/1-A	Lab Control Sample	Total/NA	Solid	8021B	27835
LCSD 880-27835/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27835
890-2406-A-18-F MS	Matrix Spike	Total/NA	Solid	8021B	27835
890-2406-A-18-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	27835

GC Semi VOA

Prep Batch: 27553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-1	BH-1	Total/NA	Solid	8015NM Prep	
880-15895-2	BH-2	Total/NA	Solid	8015NM Prep	
880-15895-3	BH-3	Total/NA	Solid	8015NM Prep	
880-15895-4	BH-4	Total/NA	Solid	8015NM Prep	
880-15895-5	BH-5	Total/NA	Solid	8015NM Prep	
880-15895-6	BH-6	Total/NA	Solid	8015NM Prep	
880-15895-7	BH-7	Total/NA	Solid	8015NM Prep	
880-15895-8	BH-8	Total/NA	Solid	8015NM Prep	
880-15895-9	BH-9	Total/NA	Solid	8015NM Prep	
880-15895-10	BH-10	Total/NA	Solid	8015NM Prep	
880-15895-11	BH-11	Total/NA	Solid	8015NM Prep	
880-15895-12	BH-12	Total/NA	Solid	8015NM Prep	
880-15895-13	BH-13	Total/NA	Solid	8015NM Prep	
880-15895-14	BH-14	Total/NA	Solid	8015NM Prep	
880-15895-15	BH-15	Total/NA	Solid	8015NM Prep	
880-15895-16	BH-16	Total/NA	Solid	8015NM Prep	
880-15895-17	BH-17	Total/NA	Solid	8015NM Prep	
880-15895-18	BH-18	Total/NA	Solid	8015NM Prep	
880-15895-19	BH-19	Total/NA	Solid	8015NM Prep	
880-15895-20	BH-20	Total/NA	Solid	8015NM Prep	
MB 880-27553/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27553/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27553/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15895-1 MS	BH-1	Total/NA	Solid	8015NM Prep	
880-15895-1 MSD	BH-1	Total/NA	Solid	8015NM Prep	

Prep Batch: 27555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-21	BH-21	Total/NA	Solid	8015NM Prep	
880-15895-22	BH-22	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 27555 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-23	BH-23	Total/NA	Solid	8015NM Prep	
880-15895-24	BH-24	Total/NA	Solid	8015NM Prep	
880-15895-25	BH-25	Total/NA	Solid	8015NM Prep	
880-15895-26	BH-26	Total/NA	Solid	8015NM Prep	
880-15895-27	BH-27	Total/NA	Solid	8015NM Prep	
880-15895-28	BH-28	Total/NA	Solid	8015NM Prep	
880-15895-29	BH-29	Total/NA	Solid	8015NM Prep	
880-15895-30	BH-30	Total/NA	Solid	8015NM Prep	
880-15895-31	BH-31	Total/NA	Solid	8015NM Prep	
880-15895-32	BH-32	Total/NA	Solid	8015NM Prep	
880-15895-33	BH-33	Total/NA	Solid	8015NM Prep	
880-15895-34	BH-34	Total/NA	Solid	8015NM Prep	
880-15895-35	BH-35	Total/NA	Solid	8015NM Prep	
880-15895-36	SW-1	Total/NA	Solid	8015NM Prep	
880-15895-37	SW-2	Total/NA	Solid	8015NM Prep	
880-15895-38	SW-3	Total/NA	Solid	8015NM Prep	
880-15895-39	SW-4	Total/NA	Solid	8015NM Prep	
880-15895-40	SW-5	Total/NA	Solid	8015NM Prep	
MB 880-27555/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27555/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27555/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15895-21 MS	BH-21	Total/NA	Solid	8015NM Prep	
880-15895-21 MSD	BH-21	Total/NA	Solid	8015NM Prep	

Prep Batch: 27556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-41	SW-6	Total/NA	Solid	8015NM Prep	
880-15895-42	SW-7	Total/NA	Solid	8015NM Prep	
880-15895-43	SW-8	Total/NA	Solid	8015NM Prep	
880-15895-44	SW-9	Total/NA	Solid	8015NM Prep	
880-15895-45	SW-10	Total/NA	Solid	8015NM Prep	
MB 880-27556/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27556/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27556/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15888-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-15888-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 27557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-21	BH-21	Total/NA	Solid	8015B NM	27555
880-15895-22	BH-22	Total/NA	Solid	8015B NM	27555
880-15895-23	BH-23	Total/NA	Solid	8015B NM	27555
880-15895-24	BH-24	Total/NA	Solid	8015B NM	27555
880-15895-25	BH-25	Total/NA	Solid	8015B NM	27555
880-15895-26	BH-26	Total/NA	Solid	8015B NM	27555
880-15895-27	BH-27	Total/NA	Solid	8015B NM	27555
880-15895-28	BH-28	Total/NA	Solid	8015B NM	27555
880-15895-29	BH-29	Total/NA	Solid	8015B NM	27555
880-15895-30	BH-30	Total/NA	Solid	8015B NM	27555
880-15895-31	BH-31	Total/NA	Solid	8015B NM	27555
880-15895-32	BH-32	Total/NA	Solid	8015B NM	27555

Eurofins Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 27557 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-33	BH-33	Total/NA	Solid	8015B NM	27555
880-15895-34	BH-34	Total/NA	Solid	8015B NM	27555
880-15895-35	BH-35	Total/NA	Solid	8015B NM	27555
880-15895-36	SW-1	Total/NA	Solid	8015B NM	27555
880-15895-37	SW-2	Total/NA	Solid	8015B NM	27555
880-15895-38	SW-3	Total/NA	Solid	8015B NM	27555
880-15895-39	SW-4	Total/NA	Solid	8015B NM	27555
880-15895-40	SW-5	Total/NA	Solid	8015B NM	27555
MB 880-27555/1-A	Method Blank	Total/NA	Solid	8015B NM	27555
LCS 880-27555/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27555
LCSD 880-27555/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27555
880-15895-21 MS	BH-21	Total/NA	Solid	8015B NM	27555
880-15895-21 MSD	BH-21	Total/NA	Solid	8015B NM	27555

Analysis Batch: 27559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-1	BH-1	Total/NA	Solid	8015B NM	27553
880-15895-2	BH-2	Total/NA	Solid	8015B NM	27553
880-15895-3	BH-3	Total/NA	Solid	8015B NM	27553
880-15895-4	BH-4	Total/NA	Solid	8015B NM	27553
880-15895-5	BH-5	Total/NA	Solid	8015B NM	27553
880-15895-6	BH-6	Total/NA	Solid	8015B NM	27553
880-15895-7	BH-7	Total/NA	Solid	8015B NM	27553
880-15895-8	BH-8	Total/NA	Solid	8015B NM	27553
880-15895-9	BH-9	Total/NA	Solid	8015B NM	27553
880-15895-10	BH-10	Total/NA	Solid	8015B NM	27553
880-15895-11	BH-11	Total/NA	Solid	8015B NM	27553
880-15895-12	BH-12	Total/NA	Solid	8015B NM	27553
880-15895-13	BH-13	Total/NA	Solid	8015B NM	27553
880-15895-14	BH-14	Total/NA	Solid	8015B NM	27553
880-15895-15	BH-15	Total/NA	Solid	8015B NM	27553
880-15895-16	BH-16	Total/NA	Solid	8015B NM	27553
880-15895-17	BH-17	Total/NA	Solid	8015B NM	27553
880-15895-18	BH-18	Total/NA	Solid	8015B NM	27553
880-15895-19	BH-19	Total/NA	Solid	8015B NM	27553
880-15895-20	BH-20	Total/NA	Solid	8015B NM	27553
MB 880-27553/1-A	Method Blank	Total/NA	Solid	8015B NM	27553
LCS 880-27553/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27553
LCSD 880-27553/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27553
880-15895-1 MS	BH-1	Total/NA	Solid	8015B NM	27553
880-15895-1 MSD	BH-1	Total/NA	Solid	8015B NM	27553

Analysis Batch: 27563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-41	SW-6	Total/NA	Solid	8015B NM	27556
880-15895-42	SW-7	Total/NA	Solid	8015B NM	27556
880-15895-43	SW-8	Total/NA	Solid	8015B NM	27556
880-15895-44	SW-9	Total/NA	Solid	8015B NM	27556
880-15895-45	SW-10	Total/NA	Solid	8015B NM	27556
MB 880-27556/1-A	Method Blank	Total/NA	Solid	8015B NM	27556
LCS 880-27556/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27556

Eurofins Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 27563 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-27556/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27556
880-15888-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	27556
880-15888-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	27556

Analysis Batch: 27670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-1	BH-1	Total/NA	Solid	8015 NM	
880-15895-2	BH-2	Total/NA	Solid	8015 NM	
880-15895-3	BH-3	Total/NA	Solid	8015 NM	
880-15895-4	BH-4	Total/NA	Solid	8015 NM	
880-15895-5	BH-5	Total/NA	Solid	8015 NM	
880-15895-6	BH-6	Total/NA	Solid	8015 NM	
880-15895-7	BH-7	Total/NA	Solid	8015 NM	
880-15895-8	BH-8	Total/NA	Solid	8015 NM	
880-15895-9	BH-9	Total/NA	Solid	8015 NM	
880-15895-10	BH-10	Total/NA	Solid	8015 NM	
880-15895-11	BH-11	Total/NA	Solid	8015 NM	
880-15895-12	BH-12	Total/NA	Solid	8015 NM	
880-15895-13	BH-13	Total/NA	Solid	8015 NM	
880-15895-14	BH-14	Total/NA	Solid	8015 NM	
880-15895-15	BH-15	Total/NA	Solid	8015 NM	
880-15895-16	BH-16	Total/NA	Solid	8015 NM	
880-15895-17	BH-17	Total/NA	Solid	8015 NM	
880-15895-18	BH-18	Total/NA	Solid	8015 NM	
880-15895-19	BH-19	Total/NA	Solid	8015 NM	
880-15895-20	BH-20	Total/NA	Solid	8015 NM	
880-15895-21	BH-21	Total/NA	Solid	8015 NM	
880-15895-22	BH-22	Total/NA	Solid	8015 NM	
880-15895-23	BH-23	Total/NA	Solid	8015 NM	
880-15895-24	BH-24	Total/NA	Solid	8015 NM	
880-15895-25	BH-25	Total/NA	Solid	8015 NM	
880-15895-26	BH-26	Total/NA	Solid	8015 NM	
880-15895-27	BH-27	Total/NA	Solid	8015 NM	
880-15895-28	BH-28	Total/NA	Solid	8015 NM	
880-15895-29	BH-29	Total/NA	Solid	8015 NM	
880-15895-30	BH-30	Total/NA	Solid	8015 NM	
880-15895-31	BH-31	Total/NA	Solid	8015 NM	
880-15895-32	BH-32	Total/NA	Solid	8015 NM	
880-15895-33	BH-33	Total/NA	Solid	8015 NM	
880-15895-34	BH-34	Total/NA	Solid	8015 NM	
880-15895-35	BH-35	Total/NA	Solid	8015 NM	
880-15895-36	SW-1	Total/NA	Solid	8015 NM	
880-15895-37	SW-2	Total/NA	Solid	8015 NM	
880-15895-38	SW-3	Total/NA	Solid	8015 NM	
880-15895-39	SW-4	Total/NA	Solid	8015 NM	
880-15895-40	SW-5	Total/NA	Solid	8015 NM	
880-15895-41	SW-6	Total/NA	Solid	8015 NM	
880-15895-42	SW-7	Total/NA	Solid	8015 NM	
880-15895-43	SW-8	Total/NA	Solid	8015 NM	
880-15895-44	SW-9	Total/NA	Solid	8015 NM	
880-15895-45	SW-10	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

HPLC/IC

Leach Batch: 27636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-41	SW-6	Soluble	Solid	DI Leach	
880-15895-42	SW-7	Soluble	Solid	DI Leach	
880-15895-43	SW-8	Soluble	Solid	DI Leach	
880-15895-44	SW-9	Soluble	Solid	DI Leach	
880-15895-45	SW-10	Soluble	Solid	DI Leach	
MB 880-27636/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27636/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27636/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-15818-A-6-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-15818-A-6-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 27637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-1	BH-1	Soluble	Solid	DI Leach	
880-15895-2	BH-2	Soluble	Solid	DI Leach	
880-15895-3	BH-3	Soluble	Solid	DI Leach	
880-15895-4	BH-4	Soluble	Solid	DI Leach	
880-15895-5	BH-5	Soluble	Solid	DI Leach	
880-15895-6	BH-6	Soluble	Solid	DI Leach	
880-15895-7	BH-7	Soluble	Solid	DI Leach	
880-15895-8	BH-8	Soluble	Solid	DI Leach	
880-15895-9	BH-9	Soluble	Solid	DI Leach	
880-15895-10	BH-10	Soluble	Solid	DI Leach	
880-15895-11	BH-11	Soluble	Solid	DI Leach	
880-15895-12	BH-12	Soluble	Solid	DI Leach	
880-15895-13	BH-13	Soluble	Solid	DI Leach	
880-15895-14	BH-14	Soluble	Solid	DI Leach	
880-15895-15	BH-15	Soluble	Solid	DI Leach	
880-15895-16	BH-16	Soluble	Solid	DI Leach	
880-15895-17	BH-17	Soluble	Solid	DI Leach	
880-15895-18	BH-18	Soluble	Solid	DI Leach	
880-15895-19	BH-19	Soluble	Solid	DI Leach	
880-15895-20	BH-20	Soluble	Solid	DI Leach	
MB 880-27637/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27637/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27637/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-15895-1 MS	BH-1	Soluble	Solid	DI Leach	
880-15895-1 MSD	BH-1	Soluble	Solid	DI Leach	
880-15895-11 MS	BH-11	Soluble	Solid	DI Leach	
880-15895-11 MSD	BH-11	Soluble	Solid	DI Leach	

Leach Batch: 27639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-21	BH-21	Soluble	Solid	DI Leach	
880-15895-22	BH-22	Soluble	Solid	DI Leach	
880-15895-23	BH-23	Soluble	Solid	DI Leach	
880-15895-24	BH-24	Soluble	Solid	DI Leach	
880-15895-25	BH-25	Soluble	Solid	DI Leach	
880-15895-26	BH-26	Soluble	Solid	DI Leach	
880-15895-27	BH-27	Soluble	Solid	DI Leach	
880-15895-28	BH-28	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 27639 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-29	BH-29	Soluble	Solid	DI Leach	
880-15895-30	BH-30	Soluble	Solid	DI Leach	
880-15895-31	BH-31	Soluble	Solid	DI Leach	
880-15895-32	BH-32	Soluble	Solid	DI Leach	
880-15895-33	BH-33	Soluble	Solid	DI Leach	
880-15895-34	BH-34	Soluble	Solid	DI Leach	
880-15895-35	BH-35	Soluble	Solid	DI Leach	
880-15895-36	SW-1	Soluble	Solid	DI Leach	
880-15895-37	SW-2	Soluble	Solid	DI Leach	
880-15895-38	SW-3	Soluble	Solid	DI Leach	
880-15895-39	SW-4	Soluble	Solid	DI Leach	
880-15895-40	SW-5	Soluble	Solid	DI Leach	
MB 880-27639/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27639/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27639/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-15895-21 MS	BH-21	Soluble	Solid	DI Leach	
880-15895-21 MSD	BH-21	Soluble	Solid	DI Leach	
880-15895-31 MS	BH-31	Soluble	Solid	DI Leach	
880-15895-31 MSD	BH-31	Soluble	Solid	DI Leach	

Analysis Batch: 27857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-41	SW-6	Soluble	Solid	300.0	27636
880-15895-42	SW-7	Soluble	Solid	300.0	27636
880-15895-43	SW-8	Soluble	Solid	300.0	27636
880-15895-44	SW-9	Soluble	Solid	300.0	27636
880-15895-45	SW-10	Soluble	Solid	300.0	27636
MB 880-27636/1-A	Method Blank	Soluble	Solid	300.0	27636
LCS 880-27636/2-A	Lab Control Sample	Soluble	Solid	300.0	27636
LCSD 880-27636/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27636
880-15818-A-6-C MS	Matrix Spike	Soluble	Solid	300.0	27636
880-15818-A-6-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	27636

Analysis Batch: 27860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-1	BH-1	Soluble	Solid	300.0	27637
880-15895-2	BH-2	Soluble	Solid	300.0	27637
880-15895-3	BH-3	Soluble	Solid	300.0	27637
880-15895-4	BH-4	Soluble	Solid	300.0	27637
880-15895-5	BH-5	Soluble	Solid	300.0	27637
880-15895-6	BH-6	Soluble	Solid	300.0	27637
880-15895-7	BH-7	Soluble	Solid	300.0	27637
880-15895-8	BH-8	Soluble	Solid	300.0	27637
880-15895-9	BH-9	Soluble	Solid	300.0	27637
880-15895-10	BH-10	Soluble	Solid	300.0	27637
880-15895-11	BH-11	Soluble	Solid	300.0	27637
880-15895-12	BH-12	Soluble	Solid	300.0	27637
880-15895-13	BH-13	Soluble	Solid	300.0	27637
880-15895-14	BH-14	Soluble	Solid	300.0	27637
880-15895-15	BH-15	Soluble	Solid	300.0	27637
880-15895-16	BH-16	Soluble	Solid	300.0	27637

Eurofins Midland

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 27860 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-17	BH-17	Soluble	Solid	300.0	27637
880-15895-18	BH-18	Soluble	Solid	300.0	27637
880-15895-19	BH-19	Soluble	Solid	300.0	27637
880-15895-20	BH-20	Soluble	Solid	300.0	27637
MB 880-27637/1-A	Method Blank	Soluble	Solid	300.0	27637
LCS 880-27637/2-A	Lab Control Sample	Soluble	Solid	300.0	27637
LCSD 880-27637/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27637
880-15895-1 MS	BH-1	Soluble	Solid	300.0	27637
880-15895-1 MSD	BH-1	Soluble	Solid	300.0	27637
880-15895-11 MS	BH-11	Soluble	Solid	300.0	27637
880-15895-11 MSD	BH-11	Soluble	Solid	300.0	27637

Analysis Batch: 27861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-21	BH-21	Soluble	Solid	300.0	27639
880-15895-22	BH-22	Soluble	Solid	300.0	27639
880-15895-23	BH-23	Soluble	Solid	300.0	27639
880-15895-24	BH-24	Soluble	Solid	300.0	27639
880-15895-25	BH-25	Soluble	Solid	300.0	27639
880-15895-26	BH-26	Soluble	Solid	300.0	27639
880-15895-27	BH-27	Soluble	Solid	300.0	27639
880-15895-28	BH-28	Soluble	Solid	300.0	27639
880-15895-29	BH-29	Soluble	Solid	300.0	27639
880-15895-30	BH-30	Soluble	Solid	300.0	27639
880-15895-31	BH-31	Soluble	Solid	300.0	27639
880-15895-32	BH-32	Soluble	Solid	300.0	27639
880-15895-33	BH-33	Soluble	Solid	300.0	27639
880-15895-34	BH-34	Soluble	Solid	300.0	27639
880-15895-35	BH-35	Soluble	Solid	300.0	27639
880-15895-36	SW-1	Soluble	Solid	300.0	27639
880-15895-37	SW-2	Soluble	Solid	300.0	27639
880-15895-38	SW-3	Soluble	Solid	300.0	27639
880-15895-39	SW-4	Soluble	Solid	300.0	27639
880-15895-40	SW-5	Soluble	Solid	300.0	27639
MB 880-27639/1-A	Method Blank	Soluble	Solid	300.0	27639
LCS 880-27639/2-A	Lab Control Sample	Soluble	Solid	300.0	27639
LCSD 880-27639/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27639
880-15895-21 MS	BH-21	Soluble	Solid	300.0	27639
880-15895-21 MSD	BH-21	Soluble	Solid	300.0	27639
880-15895-31 MS	BH-31	Soluble	Solid	300.0	27639
880-15895-31 MSD	BH-31	Soluble	Solid	300.0	27639

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-1

Lab Sample ID: 880-15895-1

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27627	06/15/22 15:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/16/22 16:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27553	06/15/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27559	06/15/22 11:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27637	06/15/22 16:52	CH	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 08:51	CH	XEN MID

Client Sample ID: BH-2

Lab Sample ID: 880-15895-2

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27627	06/15/22 15:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/16/22 17:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27553	06/15/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27559	06/15/22 12:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27637	06/15/22 16:52	CH	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 09:15	CH	XEN MID

Client Sample ID: BH-3

Lab Sample ID: 880-15895-3

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27627	06/15/22 15:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/16/22 17:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27553	06/15/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27559	06/15/22 13:20	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27637	06/15/22 16:52	CH	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 09:22	CH	XEN MID

Client Sample ID: BH-4

Lab Sample ID: 880-15895-4

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27627	06/15/22 15:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/16/22 17:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-4

Lab Sample ID: 880-15895-4

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27553	06/15/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27559	06/15/22 13:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27637	06/15/22 16:52	CH	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 09:30	CH	XEN MID

Client Sample ID: BH-5

Lab Sample ID: 880-15895-5

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27627	06/15/22 15:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/16/22 18:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27553	06/15/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27559	06/15/22 14:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27637	06/15/22 16:52	CH	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 09:38	CH	XEN MID

Client Sample ID: BH-6

Lab Sample ID: 880-15895-6

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27627	06/15/22 15:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/16/22 18:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27553	06/15/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27559	06/15/22 14:24	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27637	06/15/22 16:52	CH	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 10:02	CH	XEN MID

Client Sample ID: BH-7

Lab Sample ID: 880-15895-7

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27627	06/15/22 15:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/16/22 18:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27553	06/15/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27559	06/15/22 14:46	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-7

Lab Sample ID: 880-15895-7

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27637	06/15/22 16:52	CH	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 10:09	CH	XEN MID

Client Sample ID: BH-8

Lab Sample ID: 880-15895-8

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27627	06/15/22 15:37	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/16/22 19:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27553	06/15/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27559	06/15/22 15:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27637	06/15/22 16:52	CH	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 10:17	CH	XEN MID

Client Sample ID: BH-9

Lab Sample ID: 880-15895-9

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27628	06/15/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27741	06/17/22 12:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27553	06/15/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27559	06/15/22 15:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27637	06/15/22 16:52	CH	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 10:25	CH	XEN MID

Client Sample ID: BH-10

Lab Sample ID: 880-15895-10

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27628	06/15/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27741	06/17/22 12:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27553	06/15/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27559	06/15/22 15:51	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27637	06/15/22 16:52	CH	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 10:33	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-11

Lab Sample ID: 880-15895-11

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	27628	06/15/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27741	06/17/22 13:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27553	06/15/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27559	06/15/22 16:34	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	27637	06/15/22 16:52	CH	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 10:41	CH	XEN MID

Client Sample ID: BH-12

Lab Sample ID: 880-15895-12

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27628	06/15/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27741	06/17/22 13:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27553	06/15/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27559	06/15/22 16:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27637	06/15/22 16:52	CH	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 11:04	CH	XEN MID

Client Sample ID: BH-13

Lab Sample ID: 880-15895-13

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27628	06/15/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27741	06/17/22 13:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27553	06/15/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27559	06/15/22 17:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27637	06/15/22 16:52	CH	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 11:12	CH	XEN MID

Client Sample ID: BH-14

Lab Sample ID: 880-15895-14

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27628	06/15/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27741	06/17/22 14:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-14

Lab Sample ID: 880-15895-14

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27553	06/15/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27559	06/15/22 17:39	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27637	06/15/22 16:52	CH	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 11:36	CH	XEN MID

Client Sample ID: BH-15

Lab Sample ID: 880-15895-15

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27628	06/15/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27741	06/17/22 14:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27553	06/15/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27559	06/15/22 18:01	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27637	06/15/22 16:52	CH	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 11:44	CH	XEN MID

Client Sample ID: BH-16

Lab Sample ID: 880-15895-16

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27628	06/15/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27741	06/17/22 15:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27553	06/15/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27559	06/15/22 18:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27637	06/15/22 16:52	CH	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 11:51	CH	XEN MID

Client Sample ID: BH-17

Lab Sample ID: 880-15895-17

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27628	06/15/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27741	06/17/22 15:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27553	06/15/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27559	06/15/22 18:45	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-17

Lab Sample ID: 880-15895-17

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	27637	06/15/22 16:52	CH	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 11:59	CH	XEN MID

Client Sample ID: BH-18

Lab Sample ID: 880-15895-18

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27835	06/17/22 16:12	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27863	06/19/22 09:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27553	06/15/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27559	06/15/22 19:06	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27637	06/15/22 16:52	CH	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 12:07	CH	XEN MID

Client Sample ID: BH-19

Lab Sample ID: 880-15895-19

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27628	06/15/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27741	06/17/22 17:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27553	06/15/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27559	06/15/22 19:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27637	06/15/22 16:52	CH	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 12:15	CH	XEN MID

Client Sample ID: BH-20

Lab Sample ID: 880-15895-20

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27628	06/15/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27741	06/17/22 18:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27553	06/15/22 08:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27559	06/15/22 19:50	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27637	06/15/22 16:52	CH	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 12:23	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-21

Lab Sample ID: 880-15895-21

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27628	06/15/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27741	06/17/22 18:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27555	06/15/22 08:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27557	06/15/22 11:52	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27639	06/15/22 16:54	CH	XEN MID
Soluble	Analysis	300.0		1			27861	06/20/22 11:11	CH	XEN MID

Client Sample ID: BH-22

Lab Sample ID: 880-15895-22

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27628	06/15/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27741	06/17/22 19:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27555	06/15/22 08:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27557	06/15/22 12:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27639	06/15/22 16:54	CH	XEN MID
Soluble	Analysis	300.0		1			27861	06/20/22 11:39	CH	XEN MID

Client Sample ID: BH-23

Lab Sample ID: 880-15895-23

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	27628	06/15/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27741	06/17/22 19:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27555	06/15/22 08:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27557	06/15/22 13:20	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27639	06/15/22 16:54	CH	XEN MID
Soluble	Analysis	300.0		1			27861	06/20/22 11:48	CH	XEN MID

Client Sample ID: BH-24

Lab Sample ID: 880-15895-24

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27628	06/15/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27741	06/17/22 20:00	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-24

Lab Sample ID: 880-15895-24

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27555	06/15/22 08:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27557	06/15/22 13:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27639	06/15/22 16:54	CH	XEN MID
Soluble	Analysis	300.0		1			27861	06/20/22 11:57	CH	XEN MID

Client Sample ID: BH-25

Lab Sample ID: 880-15895-25

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27628	06/15/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27741	06/17/22 20:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27555	06/15/22 08:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27557	06/15/22 14:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27639	06/15/22 16:54	CH	XEN MID
Soluble	Analysis	300.0		1			27861	06/20/22 12:07	CH	XEN MID

Client Sample ID: BH-26

Lab Sample ID: 880-15895-26

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27628	06/15/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27741	06/17/22 20:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27555	06/15/22 08:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27557	06/15/22 14:24	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27639	06/15/22 16:54	CH	XEN MID
Soluble	Analysis	300.0		1			27861	06/20/22 12:35	CH	XEN MID

Client Sample ID: BH-27

Lab Sample ID: 880-15895-27

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27628	06/15/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27741	06/17/22 21:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27555	06/15/22 08:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27557	06/15/22 14:46	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-27

Lab Sample ID: 880-15895-27

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27639	06/15/22 16:54	CH	XEN MID
Soluble	Analysis	300.0		1			27861	06/20/22 12:44	CH	XEN MID

Client Sample ID: BH-28

Lab Sample ID: 880-15895-28

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27628	06/15/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1			27741	06/17/22 21:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27555	06/15/22 08:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27557	06/15/22 15:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27639	06/15/22 16:54	CH	XEN MID
Soluble	Analysis	300.0		1			27861	06/20/22 12:53	CH	XEN MID

Client Sample ID: BH-29

Lab Sample ID: 880-15895-29

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27629	06/15/22 16:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/16/22 14:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27555	06/15/22 08:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27557	06/15/22 15:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27639	06/15/22 16:54	CH	XEN MID
Soluble	Analysis	300.0		1			27861	06/20/22 13:02	CH	XEN MID

Client Sample ID: BH-30

Lab Sample ID: 880-15895-30

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27629	06/15/22 16:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/16/22 14:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27555	06/15/22 08:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27557	06/15/22 15:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27639	06/15/22 16:54	CH	XEN MID
Soluble	Analysis	300.0		1			27861	06/20/22 13:12	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-31

Lab Sample ID: 880-15895-31

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27629	06/15/22 16:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/16/22 15:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27555	06/15/22 08:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27557	06/15/22 16:34	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27639	06/15/22 16:54	CH	XEN MID
Soluble	Analysis	300.0		1			27861	06/20/22 13:21	CH	XEN MID

Client Sample ID: BH-32

Lab Sample ID: 880-15895-32

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27629	06/15/22 16:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/16/22 15:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27555	06/15/22 08:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27557	06/15/22 16:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27639	06/15/22 16:54	CH	XEN MID
Soluble	Analysis	300.0		1			27861	06/20/22 14:16	CH	XEN MID

Client Sample ID: BH-33

Lab Sample ID: 880-15895-33

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27629	06/15/22 16:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/16/22 15:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27555	06/15/22 08:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27557	06/15/22 17:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27639	06/15/22 16:54	CH	XEN MID
Soluble	Analysis	300.0		1			27861	06/20/22 14:25	CH	XEN MID

Client Sample ID: BH-34

Lab Sample ID: 880-15895-34

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27629	06/15/22 16:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/16/22 17:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: BH-34

Lab Sample ID: 880-15895-34

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27555	06/15/22 08:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27557	06/15/22 17:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27639	06/15/22 16:54	CH	XEN MID
Soluble	Analysis	300.0		1			27861	06/20/22 15:39	CH	XEN MID

Client Sample ID: BH-35

Lab Sample ID: 880-15895-35

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27629	06/15/22 16:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/16/22 17:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27555	06/15/22 08:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27557	06/15/22 18:01	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27639	06/15/22 16:54	CH	XEN MID
Soluble	Analysis	300.0		1			27861	06/20/22 15:48	CH	XEN MID

Client Sample ID: SW-1

Lab Sample ID: 880-15895-36

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27629	06/15/22 16:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/16/22 17:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27555	06/15/22 08:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27557	06/15/22 18:23	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27639	06/15/22 16:54	CH	XEN MID
Soluble	Analysis	300.0		1			27861	06/20/22 15:58	CH	XEN MID

Client Sample ID: SW-2

Lab Sample ID: 880-15895-37

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27629	06/15/22 16:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/16/22 18:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27555	06/15/22 08:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27557	06/15/22 18:45	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-2

Date Collected: 06/14/22 00:00

Date Received: 06/15/22 08:15

Lab Sample ID: 880-15895-37

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			5.02 g	50 mL	27639	06/15/22 16:54	CH	XEN MID
Soluble	Analysis	300.0		1			27861	06/20/22 16:07	CH	XEN MID

Client Sample ID: SW-3

Date Collected: 06/14/22 00:00

Date Received: 06/15/22 08:15

Lab Sample ID: 880-15895-38

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	27629	06/15/22 16:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/16/22 18:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27555	06/15/22 08:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27557	06/15/22 19:06	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27639	06/15/22 16:54	CH	XEN MID
Soluble	Analysis	300.0		1			27861	06/20/22 16:16	CH	XEN MID

Client Sample ID: SW-4

Date Collected: 06/14/22 00:00

Date Received: 06/15/22 08:15

Lab Sample ID: 880-15895-39

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	27629	06/15/22 16:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/16/22 18:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27555	06/15/22 08:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27557	06/15/22 19:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27639	06/15/22 16:54	CH	XEN MID
Soluble	Analysis	300.0		1			27861	06/20/22 16:26	CH	XEN MID

Client Sample ID: SW-5

Date Collected: 06/14/22 00:00

Date Received: 06/15/22 08:15

Lab Sample ID: 880-15895-40

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	27629	06/15/22 16:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/16/22 19:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27555	06/15/22 08:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27557	06/15/22 19:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27639	06/15/22 16:54	CH	XEN MID
Soluble	Analysis	300.0		1			27861	06/20/22 16:35	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-6

Lab Sample ID: 880-15895-41

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27629	06/15/22 16:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/16/22 19:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27556	06/15/22 08:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27563	06/15/22 15:08	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27636	06/15/22 18:13	CH	XEN MID
Soluble	Analysis	300.0		5			27857	06/19/22 07:58	CH	XEN MID

Client Sample ID: SW-7

Lab Sample ID: 880-15895-42

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27629	06/15/22 16:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/16/22 19:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27556	06/15/22 08:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27563	06/15/22 15:30	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27636	06/15/22 18:13	CH	XEN MID
Soluble	Analysis	300.0		1			27857	06/19/22 08:25	CH	XEN MID

Client Sample ID: SW-8

Lab Sample ID: 880-15895-43

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27629	06/15/22 16:05	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27660	06/16/22 20:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27556	06/15/22 08:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27563	06/15/22 15:51	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	27636	06/15/22 18:13	CH	XEN MID
Soluble	Analysis	300.0		1			27857	06/19/22 08:35	CH	XEN MID

Client Sample ID: SW-9

Lab Sample ID: 880-15895-44

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27654	06/16/22 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27652	06/16/22 13:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-9

Lab Sample ID: 880-15895-44

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27556	06/15/22 08:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27563	06/15/22 16:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27636	06/15/22 18:13	CH	XEN MID
Soluble	Analysis	300.0		1			27857	06/19/22 08:44	CH	XEN MID

Client Sample ID: SW-10

Lab Sample ID: 880-15895-45

Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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	27654	06/16/22 08:23	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27652	06/16/22 13:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27768	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27670	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27556	06/15/22 08:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27563	06/15/22 17:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27636	06/15/22 18:13	CH	XEN MID
Soluble	Analysis	300.0		1			27857	06/19/22 08:53	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: Bear Booster

Job ID: 880-15895-1
SDG: Eddy 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

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Method Summary

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy 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

Eurofins Midland

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Bear Booster

Job ID: 880-15895-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-15895-1	BH-1	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-2	BH-2	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-3	BH-3	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-4	BH-4	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-5	BH-5	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-6	BH-6	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-7	BH-7	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-8	BH-8	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-9	BH-9	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-10	BH-10	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-11	BH-11	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-12	BH-12	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-13	BH-13	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-14	BH-14	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-15	BH-15	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-16	BH-16	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-17	BH-17	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-18	BH-18	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-19	BH-19	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-20	BH-20	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-21	BH-21	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-22	BH-22	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-23	BH-23	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-24	BH-24	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-25	BH-25	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-26	BH-26	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-27	BH-27	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-28	BH-28	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-29	BH-29	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-30	BH-30	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-31	BH-31	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-32	BH-32	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-33	BH-33	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-34	BH-34	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-35	BH-35	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-36	SW-1	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-37	SW-2	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-38	SW-3	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-39	SW-4	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-40	SW-5	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-41	SW-6	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-42	SW-7	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-43	SW-8	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-44	SW-9	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-45	SW-10	Solid	06/14/22 00:00	06/15/22 08:15

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

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



880-15895 Chain of Custody

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15895

6/21/2022

Client Name	EOG	Site Manager	
Project Name	Bear Booster	Contact Info	Brittany Long 432-741-5813 Brittany.Long@tetratech.com
Project Location (county, state)	Eddy County, New Mexico	Project #	212C-MD-02763
Invoice to	EOG Resources - Todd Wells		
Receiving Laboratory	Eurofins Xenco Laboratories	Sampler Signature	Dillon Kennedy
Comments			
LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR DATE TIME	MATRIX WATER SOIL HCL HNO ₃ ICE PRESERVATIVE METHOD # CONTAINERS FILTERED (Y/N)
	BH-1	6 14 22	X
	BH-2	6 14 22	X
	BH-3	6 14 22	X
	BH-4	6 14 22	X
	BH-5	6 14 22	X
	BH-6	6 14 22	X
	BH-7	6 14 22	X
	BH-8	6 14 22	X
	BH-9	6 14 22	X
	BH-10	6 14 22	X
Relinquished by	Date	Time	Received by
Relinquished by	Date	Time	Received by
Relinquished by	Date	Time	Received by

LAB USE ONLY	REMARKS
Sample Temperature	
4814.0	
SP8	
	<input type="checkbox"/> RUSH Same Day 24 hr 48 hr (72 hr)
	<input type="checkbox"/> Rush Charges Authorized
	<input type="checkbox"/> Special Report Limits or TRRP Report

ORIGINAL COPY

(Circle) HAND DELIVERED FEDEX UPS Tracking #

Analysis Request of Chain of Custody Record

Page 2 of 2



Tetra Tech, Inc.

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

15895

Client Name		EOG		Site Manager	
Project Name		Bear Booster		Contact Info	
Project Location (county, state)		Eddy County, New Mexico		Project #	
Invoice to		EOG Resources - Todd Wells		Brittany Long 432-741-5813 Brittany.Long@tetratech.com	
Receiving Laboratory		Eurofins Xenco Laboratories		Sampler Signature	
Comments				Dillon Kennedy	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD				# CONTAINERS	FILTERED (Y/N)	
		YEAR	DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE			
	BH-11		6/14/22		X			X				
	BH-12		6/14/22		X			X				
	BH-13		6/14/22		X			X				
	BH-14		6/14/22		X			X				
	BH-15		6/14/22		X			X				
	BH-16		6/14/22		X			X				
	BH-17		6/14/22		X			X				
	BH-18		6/14/22		X			X				
	BH-19		6/14/22		X			X				
	BH-20		6/14/22		X			X				

Relinquished by	Date	Time	Received by	Date	Time
<i>[Signature]</i>	6/15/22	8:13 am	<i>[Signature]</i>	6/15/22	8:15
Relinquished by	Date	Time	Received by	Date	Time
Relinquished by	Date	Time	Received by	Date	Time

LAB USE ONLY	REMARKS
<input type="checkbox"/> RUSH Same Day 24 hr 48 hr 72 hr <input type="checkbox"/> Rush Charges Authorized <input type="checkbox"/> Special Report Limits or TRRP Report	BTEX 8021B TPH TX1005 (Ext to C35) TPH 8015M (GRO - DRO - ORO) PAH 8270C Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Volatiles TCLP Semi Volatiles RCI GC/MS Vol 8260B / 624 GC/MS Semi Vol 8270C/625 PCB s 8082 / 608 NORM PLM (Asbestos) Chloride 300 0 Chloride Sulfate TDS General Water Chemistry (see attached list) Anion/Cation Balance Asbestos

ORIGINAL COPY

(Circle) HAND DELIVERED FEDEX UPS Tracking #

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 West Wall St, Suite 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 582-3946

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6/21/2022

Client Name	EOG	Site Manager	
Project Name	Bear Booster	Contact Info	Brittany Long 432-741-5813 Brittany Long@tetratech.com
Project Location (county, state)	Eddy County, New Mexico	Project #:	212C-MD-02763
Invoice to	EOG Resources - Todd Wells		
Receiving Laboratory	Eurofins Xenco Laboratories	Sampler Signature	Dillon Kennedy
Comments			
LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING	MATRIX
		YEAR	PRESERVATIVE METHOD
		DATE	TIME
	BH-21	6 14 22	X
	BH-22	6 14 22	X
	BH-23	6 14 22	X
	BH-24	6 14 22	X
	BH-25	6 14 22	X
	BH-26	6 14 22	X
	BH-27	6 14 22	X
	BH-28	6 14 22	X
	BH-29	6 14 22	X
	BH-30	6 14 22	X
Relinquished by	Date	Time	Received by
Relinquished by	Date	Time	Received by
Relinquished by	Date	Time	Received by

ANALYSIS REQUEST
(Circle or Specify Method No.)

BTEX 8021B	
TPH TX1005 (Ext to C35)	
TPH 8015M (GRO - DRO - ORO)	
PAH 8270C	
Total Metals Ag As Ba Cd Cr Pb Se Hg	
TCLP Metals Ag As Ba Cd Cr Pb Se Hg	
TCLP Volatiles	
TCLP Semi Volatiles	
RCI	
GC/MS Vol 8260B / 624	
GC/MS Semi Vol 8270C/625	
PCB s 8082 / 608	
NORM	
PLM (Asbestos)	
Chloride 300 0	
Chloride Sulfate TDS	
General Water Chemistry (see attached list)	
Anion/Cation Balance	
Asbestos	

LAB USE ONLY

REMARKS:

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

ORIGINAL COPY

(Circle) HAND DELIVERED FEDEX UPS Tracking #

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

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

Page 4 of 5

15895

Client Name

EOG

Site Manager

Project Name

Bear Booster

Contact Info

Brittany Long 432-741-5813
Brittany.Long@tetratech.com

Project Location
(county, state)

Eddy County, New Mexico

Project #

212C-MD-02763

Invoice to

EOG Resources - Todd Wells

Receiving Laboratory

Eurofins Xenco Laboratories

Sampler Signature

Dillon Kennedy

Comments

LAB #
(LAB USE ONLY)

SAMPLE IDENTIFICATION

SAMPLING
YEAR
DATE
TIME

MATRIX
WATER
SOIL
HCL
HNO₃
ICE

PRESERVATIVE
METHOD

CONTAINERS
FILTERED (Y/N)

ANALYSIS REQUEST

(Circle or Specify Method No.)

BTEX 8021B
TPH TX1005 (Ext to C35)
TPH 8015M (GRO - DRO - ORO)
PAH 8270C
Total Metals Ag As Ba Cd Cr Pb Se Hg
TCLP Metals Ag As Ba Cd Cr Pb Se Hg
TCLP Volatiles
TCLP Semi Volatiles
RCI
GC/MS Vol 8260B / 624
GC/MS Semi Vol 8270C/625
PCB's 8082 / 608
NORM
PLM (Asbestos)
Chloride 300 0
Chloride Sulfate TDS
General Water Chemistry (see attached list)
Anion/Cation Balance
Asbestos

Hold

Relinquished by

Date Time

Received by

Date Time

Relinquished by

Date Time

Received by

Date Time

Relinquished by

Date Time

Received by

Date Time

LAB USE ONLY

REMARKS

Sample Temperature

☐ 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

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

Client Name

EOG

Site Manager

Project Name

Bear Booster

Contact Info

Brittany Long 432-741-5813
Brittany.Long@tetratech.com

Project Location
(county, state)

Eddy County, New Mexico

Project #:

212C-MD-02763

Invoice to

EOG Resources - Todd Wells

Receiving Laboratory

Eurofins Xenco Laboratories

Sampler Signature

Dillon Kennedy

Comments

LAB #
(LAB USE ONLY)

SAMPLE IDENTIFICATION

SAMPLING

YEAR

DATE

TIME

MATRIX

PRESERVATIVE METHOD

WATER
SOIL

HCL
HNO₃
ICE

CONTAINERS

FILTERED (Y/N)

SW-6

6 14 22

X

X

SW-7

6 14 22

X

X

SW-8

6 14 22

X

X

SW-9

6 14 22

X

X

SW-10

6 14 22

X

X

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

Loc: 880
15895

Page 5 of 5

1509

6/21/2022

ANALYSIS REQUEST
(Circle or Specify Method No.)

ANALYSIS REQUEST (Circle or Specify Method No.)						
BTEX 8021B	X					
TPH TX1005 (Ext to C35)	X					
TPH 8015M (GRO - DRO - ORO)	X					
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						
PCBs s 8082 / 608						
NORM						
PLM (Asbestos)						
Chloride 300 0	X					
Chloride Sulfate TDS						
General Water Chemistry (see attached list)						
Anion/Cation Balance						
Asbestos						
Hold of 00						

Sample Temperature
4.8/4.6
-2
IPB

LAB USE ONLY

REMARKS.

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

Hold
Page 39 of 90

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 880-15895-1

SDG Number: Eddy County, New Mexico

Login Number: 15895

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.	False	No time on COC, logged in per container labels.
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	



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

July 05, 2022

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: BEAR BOOSTER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 06/30/22 13:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/30/2022	Sampling Date:	06/28/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 4 (0-4') (H222812-01)

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	07/01/2022	ND	2.18	109	2.00	0.415	
Toluene*	<0.050	0.050	07/01/2022	ND	2.17	108	2.00	0.991	
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.17	108	2.00	0.434	
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.64	111	6.00	1.02	
Total BTEX	<0.300	0.300	07/01/2022	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	32.0	16.0	07/01/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	ND	222	111	200	19.5	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	234	117	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 67.0 % 43-149

Surrogate: 1-Chlorooctadecane 74.1 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/30/2022	Sampling Date:	06/28/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 10 (0-5') (H222812-02)

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	07/01/2022	ND	2.18	109	2.00	0.415		
Toluene*	<0.050	0.050	07/01/2022	ND	2.17	108	2.00	0.991		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.17	108	2.00	0.434		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.64	111	6.00	1.02		
Total BTEx	<0.300	0.300	07/01/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	07/01/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	ND	222	111	200	19.5	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	234	117	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 79.5 % 43-149

Surrogate: 1-Chlorooctadecane 85.8 % 42.5-161

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/30/2022	Sampling Date:	06/28/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 11 (0-4') (H222812-03)

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	07/01/2022	ND	2.18	109	2.00	0.415		
Toluene*	<0.050	0.050	07/01/2022	ND	2.17	108	2.00	0.991		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.17	108	2.00	0.434		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.64	111	6.00	1.02		
Total BTEX	<0.300	0.300	07/01/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	07/01/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	ND	222	111	200	19.5	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	234	117	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 58.7 % 43-149

Surrogate: 1-Chlorooctadecane 62.0 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/29/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 12 (0-3') (H222812-04)

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	07/01/2022	ND	2.18	109	2.00	0.415		
Toluene*	<0.050	0.050	07/01/2022	ND	2.17	108	2.00	0.991		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.17	108	2.00	0.434		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.64	111	6.00	1.02		
Total BTEx	<0.300	0.300	07/01/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/01/2022	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	07/01/2022	ND	222	111	200	19.5	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	234	117	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 63.5 % 43-149

Surrogate: 1-Chlorooctadecane 70.1 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/29/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 13 (0-1.5') (H222812-05)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	2.18	109	2.00	0.415		
Toluene*	<0.050	0.050	07/01/2022	ND	2.17	108	2.00	0.991		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.17	108	2.00	0.434		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.64	111	6.00	1.02		
Total BTX	<0.300	0.300	07/01/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/01/2022	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	07/01/2022	ND	222	111	200	19.5	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	234	117	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 68.1 % 43-149

Surrogate: 1-Chlorooctadecane 75.1 % 42.5-161

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/30/2022	Sampling Date:	06/29/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 14 (0-1.5') (H222812-06)

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	07/01/2022	ND	2.18	109	2.00	0.415		
Toluene*	<0.050	0.050	07/01/2022	ND	2.17	108	2.00	0.991		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.17	108	2.00	0.434		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.64	111	6.00	1.02		
Total BTEx	<0.300	0.300	07/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/01/2022	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	07/01/2022	ND	222	111	200	19.5	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	234	117	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 65.7 % 43-149

Surrogate: 1-Chlorooctadecane 73.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/30/2022	Sampling Date:	06/28/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 36 (5') (H222812-07)

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	07/01/2022	ND	2.18	109	2.00	0.415		
Toluene*	<0.050	0.050	07/01/2022	ND	2.17	108	2.00	0.991		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.17	108	2.00	0.434		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.64	111	6.00	1.02		
Total BTEX	<0.300	0.300	07/01/2022	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	07/01/2022	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	07/01/2022	ND	222	111	200	19.5	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	234	117	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 63.5 % 43-149

Surrogate: 1-Chlorooctadecane 70.3 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/28/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 37 (5') (H222812-08)

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	07/01/2022	ND	2.18	109	2.00	0.415		
Toluene*	<0.050	0.050	07/01/2022	ND	2.17	108	2.00	0.991		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.17	108	2.00	0.434		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.64	111	6.00	1.02		
Total BTEX	<0.300	0.300	07/01/2022	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	07/01/2022	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	07/01/2022	ND	222	111	200	19.5	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	234	117	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 66.2 % 43-149

Surrogate: 1-Chlorooctadecane 72.9 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/28/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 38 (5') (H222812-09)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	2.18	109	2.00	0.415		
Toluene*	<0.050	0.050	07/01/2022	ND	2.17	108	2.00	0.991		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.17	108	2.00	0.434		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.64	111	6.00	1.02		
Total BTX	<0.300	0.300	07/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/01/2022	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	07/01/2022	ND	222	111	200	19.5	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	234	117	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 62.9 % 43-149

Surrogate: 1-Chlorooctadecane 70.9 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/28/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 39 (4') (H222812-10)

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	07/01/2022	ND	2.18	109	2.00	0.415		
Toluene*	<0.050	0.050	07/01/2022	ND	2.17	108	2.00	0.991		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.17	108	2.00	0.434		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.64	111	6.00	1.02		
Total BTEX	<0.300	0.300	07/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/01/2022	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	07/01/2022	ND	222	111	200	19.5	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	234	117	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 64.7 % 43-149

Surrogate: 1-Chlorooctadecane 70.6 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/28/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 40 (4') (H222812-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	2.11	105	2.00	1.85	QM-07	
Toluene*	<0.050	0.050	07/01/2022	ND	2.10	105	2.00	2.03		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.09	105	2.00	1.66		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.37	106	6.00	1.82		
Total BTEX	<0.300	0.300	07/01/2022	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	64.0	16.0	07/01/2022	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	07/01/2022	ND	222	111	200	19.5	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	234	117	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 66.4 % 43-149

Surrogate: 1-Chlorooctadecane 72.8 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/28/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 41 (4') (H222812-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	2.11	105	2.00	1.85		
Toluene*	<0.050	0.050	07/01/2022	ND	2.10	105	2.00	2.03		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.09	105	2.00	1.66		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.37	106	6.00	1.82		
Total BTEX	<0.300	0.300	07/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/01/2022	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	07/01/2022	ND	222	111	200	19.5	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	234	117	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 61.2 % 43-149

Surrogate: 1-Chlorooctadecane 67.6 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/28/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 42 (4') (H222812-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	2.11	105	2.00	1.85		
Toluene*	<0.050	0.050	07/01/2022	ND	2.10	105	2.00	2.03		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.09	105	2.00	1.66		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.37	106	6.00	1.82		
Total BTEX	<0.300	0.300	07/01/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	07/01/2022	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	07/01/2022	ND	222	111	200	19.5	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	234	117	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 73.7 % 43-149

Surrogate: 1-Chlorooctadecane 78.0 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/28/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 43 (5') (H222812-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	2.11	105	2.00	1.85		
Toluene*	<0.050	0.050	07/01/2022	ND	2.10	105	2.00	2.03		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.09	105	2.00	1.66		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.37	106	6.00	1.82		
Total BTEX	<0.300	0.300	07/01/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/01/2022	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	07/01/2022	ND	222	111	200	19.5	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	234	117	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 43-149

Surrogate: 1-Chlorooctadecane 87.5 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/28/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 44 (5') (H222812-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	2.11	105	2.00	1.85		
Toluene*	<0.050	0.050	07/01/2022	ND	2.10	105	2.00	2.03		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.09	105	2.00	1.66		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.37	106	6.00	1.82		
Total BTEX	<0.300	0.300	07/01/2022	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	112	16.0	07/01/2022	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	07/01/2022	ND	222	111	200	19.5	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	234	117	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 67.7 % 43-149

Surrogate: 1-Chlorooctadecane 74.4 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/28/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 45 (4') (H222812-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	2.11	105	2.00	1.85		
Toluene*	<0.050	0.050	07/01/2022	ND	2.10	105	2.00	2.03		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.09	105	2.00	1.66		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.37	106	6.00	1.82		
Total BTEX	<0.300	0.300	07/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/01/2022	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	07/01/2022	ND	222	111	200	19.5	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	234	117	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 60.1 % 43-149

Surrogate: 1-Chlorooctadecane 66.8 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/28/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 46 (4') (H222812-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	2.11	105	2.00	1.85		
Toluene*	<0.050	0.050	07/01/2022	ND	2.10	105	2.00	2.03		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.09	105	2.00	1.66		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.37	106	6.00	1.82		
Total BTEX	<0.300	0.300	07/01/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/01/2022	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	07/01/2022	ND	222	111	200	19.5	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	234	117	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 70.6 % 43-149

Surrogate: 1-Chlorooctadecane 77.2 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/28/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 47 (4') (H222812-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	2.11	105	2.00	1.85		
Toluene*	<0.050	0.050	07/01/2022	ND	2.10	105	2.00	2.03		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.09	105	2.00	1.66		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.37	106	6.00	1.82		
Total BTEX	<0.300	0.300	07/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/01/2022	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	07/01/2022	ND	222	111	200	19.5	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	234	117	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 68.9 % 43-149

Surrogate: 1-Chlorooctadecane 74.4 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/28/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 48 (4') (H222812-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	2.11	105	2.00	1.85		
Toluene*	<0.050	0.050	07/01/2022	ND	2.10	105	2.00	2.03		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.09	105	2.00	1.66		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.37	106	6.00	1.82		
Total BTEX	<0.300	0.300	07/01/2022	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	64.0	16.0	07/01/2022	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	07/01/2022	ND	222	111	200	19.5	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	234	117	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 61.2 % 43-149

Surrogate: 1-Chlorooctadecane 66.8 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/29/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 49 (3.5') (H222812-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	2.11	105	2.00	1.85		
Toluene*	<0.050	0.050	07/01/2022	ND	2.10	105	2.00	2.03		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.09	105	2.00	1.66		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.37	106	6.00	1.82		
Total BTEX	<0.300	0.300	07/01/2022	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	07/01/2022	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	07/01/2022	ND	222	111	200	19.5	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	234	117	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 61.7 % 43-149

Surrogate: 1-Chlorooctadecane 66.7 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/29/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 50 (3.5') (H222812-21)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2022	ND	2.11	105	2.00	1.85	
Toluene*	<0.050	0.050	07/01/2022	ND	2.10	105	2.00	2.03	
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.09	105	2.00	1.66	
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.37	106	6.00	1.82	
Total BTX	<0.300	0.300	07/01/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	07/01/2022	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	07/01/2022	ND	181	90.4	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	178	88.9	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 70.9 % 43-149

Surrogate: 1-Chlorooctadecane 76.5 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/29/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 51 (3.5') (H222812-22)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	2.11	105	2.00	1.85		
Toluene*	<0.050	0.050	07/01/2022	ND	2.10	105	2.00	2.03		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.09	105	2.00	1.66		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.37	106	6.00	1.82		
Total BTEX	<0.300	0.300	07/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	07/01/2022	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	07/01/2022	ND	181	90.4	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	178	88.9	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 75.9 % 43-149

Surrogate: 1-Chlorooctadecane 82.8 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/28/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 52 (3') (H222812-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	2.11	105	2.00	1.85		
Toluene*	<0.050	0.050	07/01/2022	ND	2.10	105	2.00	2.03		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.09	105	2.00	1.66		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.37	106	6.00	1.82		
Total BTEx	<0.300	0.300	07/01/2022	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	07/01/2022	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	07/01/2022	ND	181	90.4	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	178	88.9	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 66.6 % 43-149

Surrogate: 1-Chlorooctadecane 72.6 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/28/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 53 (1.5') (H222812-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	2.11	105	2.00	1.85		
Toluene*	<0.050	0.050	07/01/2022	ND	2.10	105	2.00	2.03		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.09	105	2.00	1.66		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.37	106	6.00	1.82		
Total BTEx	<0.300	0.300	07/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/01/2022	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	07/01/2022	ND	181	90.4	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	178	88.9	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 72.8 % 43-149

Surrogate: 1-Chlorooctadecane 83.1 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/29/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 54 (2.5') (H222812-25)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	2.11	105	2.00	1.85		
Toluene*	<0.050	0.050	07/01/2022	ND	2.10	105	2.00	2.03		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.09	105	2.00	1.66		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.37	106	6.00	1.82		
Total BTEX	<0.300	0.300	07/01/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/01/2022	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	07/01/2022	ND	181	90.4	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	178	88.9	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 79.4 % 43-149

Surrogate: 1-Chlorooctadecane 86.6 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/29/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 55 (2.5') (H222812-26)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	2.11	105	2.00	1.85		
Toluene*	<0.050	0.050	07/01/2022	ND	2.10	105	2.00	2.03		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.09	105	2.00	1.66		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.37	106	6.00	1.82		
Total BTX	<0.300	0.300	07/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/01/2022	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	07/01/2022	ND	181	90.4	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	178	88.9	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 76.6 % 43-149

Surrogate: 1-Chlorooctadecane 84.3 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/29/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 56 (2.5') (H222812-27)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	2.11	105	2.00	1.85		
Toluene*	<0.050	0.050	07/01/2022	ND	2.10	105	2.00	2.03		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.09	105	2.00	1.66		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.37	106	6.00	1.82		
Total BTX	<0.300	0.300	07/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/01/2022	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	07/01/2022	ND	181	90.4	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	178	88.9	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 77.4 % 43-149

Surrogate: 1-Chlorooctadecane 86.3 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/29/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 57 (2.5') (H222812-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	2.11	105	2.00	1.85		
Toluene*	<0.050	0.050	07/01/2022	ND	2.10	105	2.00	2.03		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.09	105	2.00	1.66		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.37	106	6.00	1.82		
Total BTEX	<0.300	0.300	07/01/2022	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	320	16.0	07/01/2022	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	07/01/2022	ND	181	90.4	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	178	88.9	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 79.1 % 43-149

Surrogate: 1-Chlorooctadecane 86.5 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/29/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 58 (1.5') (H222812-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	2.11	105	2.00	1.85		
Toluene*	<0.050	0.050	07/01/2022	ND	2.10	105	2.00	2.03		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.09	105	2.00	1.66		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.37	106	6.00	1.82		
Total BTEX	<0.300	0.300	07/01/2022	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	32.0	16.0	07/01/2022	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	07/01/2022	ND	181	90.4	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	178	88.9	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 78.1 % 43-149

Surrogate: 1-Chlorooctadecane 86.6 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/29/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 59 (1.5') (H222812-30)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	2.11	105	2.00	1.85		
Toluene*	<0.050	0.050	07/01/2022	ND	2.10	105	2.00	2.03		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	2.09	105	2.00	1.66		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	6.37	106	6.00	1.82		
Total BTEX	<0.300	0.300	07/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/01/2022	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	07/01/2022	ND	181	90.4	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	178	88.9	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 72.1 % 43-149

Surrogate: 1-Chlorooctadecane 79.0 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/29/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 60 (1.5') (H222812-31)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	1.96	97.8	2.00	9.19		
Toluene*	<0.050	0.050	07/01/2022	ND	1.93	96.7	2.00	9.55		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	1.95	97.7	2.00	8.84		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	5.93	98.8	6.00	9.11		
Total BTEX	<0.300	0.300	07/01/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/01/2022	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	07/01/2022	ND	181	90.4	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	178	88.9	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 73.2 % 43-149

Surrogate: 1-Chlorooctadecane 79.8 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/30/2022	Sampling Date:	06/29/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 61 (1.5') (H222812-32)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	1.96	97.8	2.00	9.19		
Toluene*	<0.050	0.050	07/01/2022	ND	1.93	96.7	2.00	9.55		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	1.95	97.7	2.00	8.84		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	5.93	98.8	6.00	9.11		
Total BTEX	<0.300	0.300	07/01/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	07/01/2022	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	07/01/2022	ND	181	90.4	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	178	88.9	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 79.5 % 43-149

Surrogate: 1-Chlorooctadecane 87.7 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/28/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 1 (5') (H222812-33)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	1.96	97.8	2.00	9.19		
Toluene*	<0.050	0.050	07/01/2022	ND	1.93	96.7	2.00	9.55		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	1.95	97.7	2.00	8.84		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	5.93	98.8	6.00	9.11		
Total BTEx	<0.300	0.300	07/01/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/01/2022	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	07/01/2022	ND	181	90.4	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	178	88.9	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 63.5 % 43-149

Surrogate: 1-Chlorooctadecane 69.2 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/28/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 2 (5') (H222812-34)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	1.96	97.8	2.00	9.19		
Toluene*	<0.050	0.050	07/01/2022	ND	1.93	96.7	2.00	9.55		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	1.95	97.7	2.00	8.84		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	5.93	98.8	6.00	9.11		
Total BTEx	<0.300	0.300	07/01/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/01/2022	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	07/01/2022	ND	181	90.4	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	178	88.9	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 72.8 % 43-149

Surrogate: 1-Chlorooctadecane 79.0 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/28/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 3 (5') (H222812-35)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	1.96	97.8	2.00	9.19		
Toluene*	<0.050	0.050	07/01/2022	ND	1.93	96.7	2.00	9.55		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	1.95	97.7	2.00	8.84		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	5.93	98.8	6.00	9.11		
Total BTEx	<0.300	0.300	07/01/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/01/2022	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	07/01/2022	ND	181	90.4	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	178	88.9	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 73.1 % 43-149

Surrogate: 1-Chlorooctadecane 79.5 % 42.5-161

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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:	06/30/2022	Sampling Date:	06/29/2022
Reported:	07/05/2022	Sampling Type:	Soil
Project Name:	BEAR BOOSTER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02763	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: BH - 8 (5') (H222812-36)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/01/2022	ND	1.96	97.8	2.00	9.19		
Toluene*	<0.050	0.050	07/01/2022	ND	1.93	96.7	2.00	9.55		
Ethylbenzene*	<0.050	0.050	07/01/2022	ND	1.95	97.7	2.00	8.84		
Total Xylenes*	<0.150	0.150	07/01/2022	ND	5.93	98.8	6.00	9.11		
Total BTEx	<0.300	0.300	07/01/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/01/2022	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	07/01/2022	ND	181	90.4	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/01/2022	ND	178	88.9	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/01/2022	ND					

Surrogate: 1-Chlorooctane 69.0 % 43-149

Surrogate: 1-Chlorooctadecane 77.4 % 42.5-161

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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
A-01	DRO CCV failed high. All associated samples were ND.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Custody Record



Tetra Tech, Inc.

 901W Wall Street, Ste. 100
 Midland, Texas 79705
 Tel (432) 682-4559
 Fax (432) 682-3946

Page 1 of 4

Client Name: EOG Resources		Site Manager: Brittany Long	
Project Name: Bear Booster		Project #: 212C-MD-02763	
Project Location: Lea County, NM		Project #: 212C-MD-02763	
Invoice to: EOG Resources - Todd Wells		Sampler Signature: Peyton Oliver	
Receiving Laboratory: Cardinal Labs		Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX	PRESERVATIVE METHOD					# CONTAINERS	FILTERED (Y/N)	ANALYSIS REQUEST (Circle or Specify Method No.)	
		DATE	TIME		WATER	SOIL	HCL	HNO ₃	ICE				None
1	SW-4 (0-4')	6/28/2022		X				X				X	BTEX 8021B BTEX 8260B
2	SW-10 (0-5')	6/28/2022		X				X				X	TPH TX1005 (Ext to C35)
3	SW-11 (0-4')	6/28/2022		X				X				X	TPH 8015M (GRO - DRO - ORO - MRO)
4	SW-12 (0-3')	6/29/2022		X				X				X	PAH 8270C
5	SW-13 (0-1.5')	6/29/2022		X				X				X	Total Metals Ag As Ba Cd Cr Pb Se Hg
6	SW-14 (0-1.5')	6/29/2022		X				X				X	TCLP Metals Ag As Ba Cd Cr Pb Se Hg
7	BH-36 (5')	6/28/2022		X				X				X	TCLP Volatiles
8	BH-37 (5')	6/28/2022		X				X				X	TCLP Semi Volatiles
9	BH-38 (5')	6/28/2022		X				X				X	RCI
10	BH-39 (4')	6/28/2022		X				X				X	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

Relinquished by: <i>Todd Wells</i>	Date: 6/30/22	Time: 1300	Received by: <i>Brittany Long</i>	Date: 6-30-22	Time: 1300
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY	REMARKS:
<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> RUSH: Same Day 24 hr 48 hr 72 hr <input type="checkbox"/> Rush Charges Authorized <input type="checkbox"/> Special Report Limits or TRRP Report	Sample Temperature 5.3°C 20.5°C 4.8°C 4/13

(Circle) HAND DELIVERED FEDEX UPS Tracking # _____

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Page 4 of 4



901 W Wall Street, Ste 100
Midland, Texas 79705
Tel (432) 682-4559
Fax (432) 682-3946

Brittany Long

Brittany.Long@tetratech.com

Project #: 212C-MD-02763

EOG Resources - Todd Wells

Sampler Signature:

Peyton Oliver

SAMPLE IDENTIFICATION

H2228212		LAB #		SAMPLE IDENTIFICATION		SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS		FILTERED (Y/N)		BTEX 8021B BTE		TPH TX1005 (Ext to		TPH 8015M (GRO		PAH 8270C		Total Metals Ag As B		TCLP Metals Ag As f		TCLP Volatiles		TCLP Semi Volatiles		RCI		GC/MS Vol. 8260B /		GC/MS Semi. Vol. 8		PCB's 8082 / 608		NORM		PLM (Asbestos)		Chloride		Chloride Sulfate		General Water Cher		Anion/Cation Balance																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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Date: _____ Time: _____

REMARKS:

☒ STANDARD

Sample Temperature

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

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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ANALYSIS REQUEST
(Circle or Specify Method No.)

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Appendix D

State Correspondence

Long, Brittany

From: Long, Brittany
Sent: Wednesday, June 1, 2022 10:47 AM
To: OCD.Enviro@state.nm.us
Cc: Todd Wells; Gonzales, Clair; MorenoFlores, Ezequiel
Subject: Confirmation Sampling Notification EOG Resources Bear Booster (nAPP2211856195)

Good Morning,

Tetra Tech is scheduled to collect 5 point confirmation, bottom hole and sidewall samples, for the EOG Resources Bear Booster (nAPP2211856195) remediation starting on Friday, June 3, 2022, at 9:50 AM. These samples will be placed within the remediation taking place on the pad and will continue each day as the remediation progresses. Please let me know if you have any questions or need any additional information.

Best Regards,

Brittany D. Long,

Brittany D. Long | Biologist & Project Manager

Phone: 432.682.4559 | Mobile 432.741.5813 | Fax:432.682.3946

Brittany.Long@tetrattech.com

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

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 125093

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 125093
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	7/19/2022