	SITE INFORMAT	ION
nort Type:	Closure Report	NAPP221185619

Repo	ort Type:	Closure Rep	ort NAP	P221185	6195								
General Site Information:													
Site:	Bear Boost	ter											
Company:	EOG Resor	OG Resources											
Section, Township and Range	Unit M	Sec. 36	T 25S	R 33E									
Lease Number:													
County:	Lea County	У											
GPS:		32.080277 -103.530642											
Surface Owner:	State												
Mineral Owner:													
Directions:		S coordinates 32.08 or 0.44 miles. Turn ri		•		oad, follow the lease road							
Release Data:													

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:	

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

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

Recommended R	Recommended Remedial Action Levels (RRALs)											
Benzene	zene 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, subsurfaces mines, private domestic water wells, or floodplains located within the specified distances. Additionally, the site is located in a low karst area. The NFHL Map and USGS Mapper are shown in **Appendix B**.

Significant Boundaries

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



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

Groundwater 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 activites, Tetra Tech conducted confirmation sampling by collecting 5-point composite bottom hole samples and 5-point composite sidewall samples every 200 square feet within the remediation. All confirmation samples are collected as a composite 5point 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 activites, 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 activites, 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.

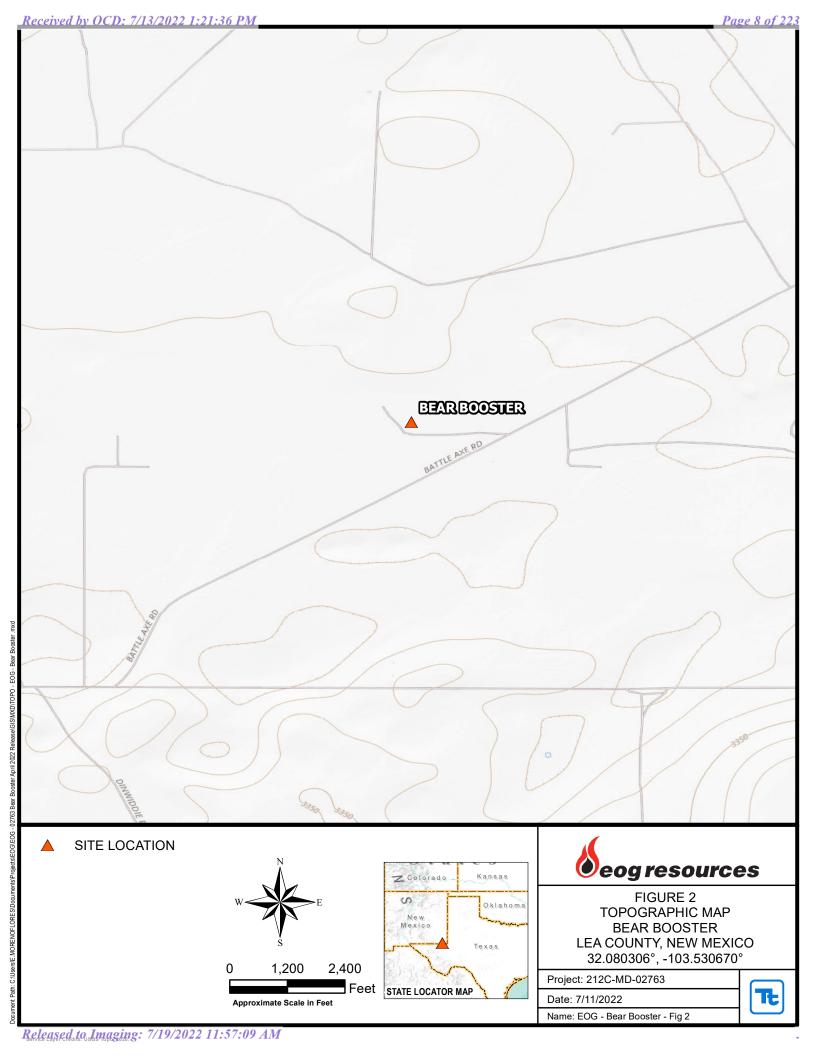
Respectfully submitted, TETRA TECH

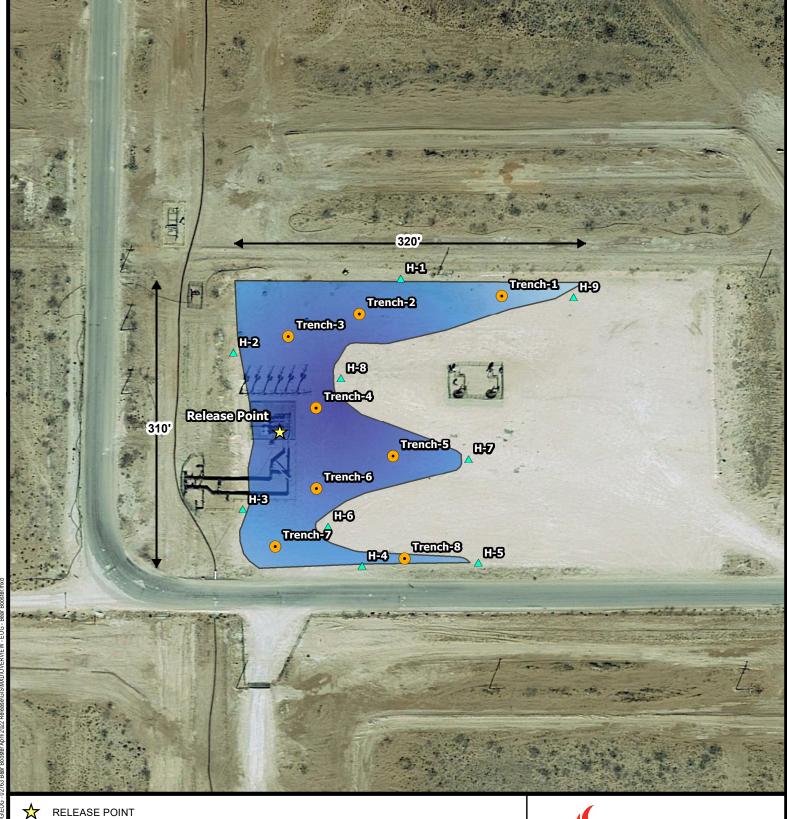
Brittany Long, Project Manager Clair Gonzales, P.G. Senior Project Manager



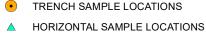
Figures











TRENCH SAMPLE LOCATIONS



SPILL PATH





Approximate Scale in Feet



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



2.5' REMEDIATION

3'-3.5' REMEDIATION

4'-5' REMEDIATION



Approximate Scale in Feet

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

Released to Imaging: 7/19/2022 11:57:09 AM

Sample ID	Sample Date	Excavtion	Soil	Status		TPH (m	ıg/kg)		Panzana (ma/ka)	Toluono (ma/ka)	Ethlybenzene	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride
Sample ID	Sample Date	Depth (ft)	In-Situ	Removed	GRO	DRO	MRO	Total	Benzene (mg/kg)	Toluene (mg/kg)	(mg/kg)	Aylene (mg/kg)	Total BTEX (mg/kg)	(mg/kg)
RRALs				'				100	10			•	50	600 mg/kg
								mg/kg	mg/kg	1 1			mg/kg	
	5/12/2022	0-1'	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	5/12/2022	2.0'	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Trench-1	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'	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	5/12/2022	0-1'	Х	-	<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'	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
Trench-2	5/12/2022	3.0'	Χ	-	<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'	Χ	-	<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'	Χ	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	5/12/2022	0-1'	X	- 1	<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
Trench-3	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'	Х	-	<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'	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	5/12/2022	0-1'	Х	_	<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
Trench-4	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
	5/12/2022 5/12/2022	0-1' 2.0'	X	-	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	64.0 48.0
Trench-5	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
rrencii-5	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
	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'	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
Trench-6	5/12/2022	3.0'	Х	-	<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'	Х	-	<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'	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	5/12/2022	0-1'	Х	-	<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'	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
Trench-7	5/12/2022	3.0'	Х	-	<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
	5/12/2022	0-1'	Х	-	<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
Trench-8	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'	Х	-	<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'	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	0.053	<0.050	<0.150	<0.300	32.0

Received by OCD: 7/13/2022 1:21:36 PM

Table 1 EOG Resources Bear Booster Lea County, New Mexico

Sample ID	Sample Date	Excavtion	Soil	Status		TPH (m	ıg/kg)		Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride
	·	Depth (ft)	In-Situ	Removed	GRO	DRO	MRO	Total	, ,	, , ,	(mg/kg)		, , ,	(mg/kg)
RRALs								100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg
H-1	5/12/2022	0-0.5	Χ	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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

Released to Imaging: 7/19/2022 11:57:09 AM

Sample ID Sample Date Excavtion Depth (ft) In-situ Removed GRO DRO MRO Total Total Total Total In-situ Removed GRO DRO MRO Total In-situ In-situ In-situ In-situ Removed GRO DRO MRO Total In-situ I	50 mg/kg <0.00401 <0.300 <0.00399 <0.300 <0.00398 <0.00399 <0.300 <0.00398 <0.00398 <0.00398 <0.00398	Chloride (mg/kg) 600 mg/kg 944 32.0 754 32.0 714 32.0 110 539
RRALS	mg/kg <0.00401 <0.300 <0.00399 <0.300 <0.00398 <0.300 <0.00398 <0.00399 <0.00398	944 32.0 754 32.0 714 32.0
BH-1 6/14/2022 4.0 - X <49.9	<0.00401 <0.300 <0.00399 <0.300 <0.00398 <0.00399 <0.00399	32.0 754 32.0 714 32.0 110
BH-2 BH-2 BH-3 G/14/2022 G	<0.300 <0.00399 <0.300 <0.00398 <0.300 <0.00398 <0.00399 <0.00398	754 32.0 714 32.0 110
BH-2 6/14/2022 5.0 X - <10.0	<0.300 <0.00398 <0.300 <0.00399 <0.00398	32.0 714 32.0 110
BH-3 6/14/2022 4.0 X - <10.0 <10.0 <10.0 <10.0 <10.0 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.00199 <0.00199 <0.00199 <0.00199 <0.00199 <0.00398 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.00399 <0.00399 <0.00399 <0.00199 <0.00199 <0.00199 <0.00199 <0.00398 <0.00398 <0.00199 <0.00199 <0.00199 <0.00199 <0.00398 <0.00398 <0.00398 <0.00199 <0.00199 <0.00199 <0.00199 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.00398 <0.003	<0.00398 <0.300 <0.00399 <0.00398	714 32.0 110
BH-4 6/14/2022 5.0 X - <10.0	<0.300 <0.00399 <0.00398	32.0 110
BH-4 6/14/2022 4.0 X - <10.0	<0.00399 <0.00398	110
BH-5 6/14/2022 4.0 X - <50.0 <50.0 <50.0 <0.00199 <0.00199 <0.00199 <0.00199	<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	000
		157
BH-7 6/14/2022 4.0 X - <49.9 <49.9 <49.9 <49.9 <0.00200 <0.00200 <0.00200 <0.00200	<0.00400	30.8
BH-8 6/14/2022 4.0 - X <50.0 <50.0 <50.0 <0.00200 <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 <0.050	<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 <0.00199 <0.00199 <0.00199 <0.00199	<0.00398	208
BH-13 6/14/2022 3.0 X - <50.0 <50.0 <50.0 <0.00200 <0.00200 <0.00200 <0.00200	<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 <0.00200	<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 <0.00200	<0.00401	15.9
BH-16 6/14/2022 3.0 X - <50.0 <50.0 <50.0 <0.00201 <0.00201 <0.00201 <0.00201	<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 <0.00199	<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 <0.00201	<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 <0.00200	<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 <0.00199	<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 <0.00200	<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 <0.00201 <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 <0.00200	<0.00399	11.1
BH-25 6/14/2022 2.5 X - <50.0 <50.0 <50.0 <0.00199 <0.00199 <0.00199 <0.00199	<0.00398	11.9
BH-26 6/14/2022 2.5 X - <49.9 <49.9 <49.9 <0.00199 <0.00199 <0.00199 <0.00199	<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 <0.00200	<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 <0.00199	<0.00398	322
BH-29 6/14/2022 1.5 X - <50.0 <50.0 <50.0 <0.00199 <0.00199 <0.00199 <0.00199	<0.00398	63.8
BH-30 6/14/2022 1.5 X - <49.9 <49.9 <49.9 <0.00199 <0.00199 <0.00199 <0.00199	<0.00398	189

Table 2 EOG Resources Bear Booster Lea County, New Mexico

Released to Imaging: 7/19/2022 11:57:09 AM

Sample ID	Sample Date	Excavtion Depth (ft)	Soil In-Situ	Status	GRO	TPH (m	g/kg) MRO	Total	Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
RRALs			in-Situ	Removed	GRO	DRO	MIKO	100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg
BH-31	6/14/2022	1.5	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	-	<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	Х	- 1	<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	Х	-	<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

O-marks ID	OI- D-4-	Excavtion	Soil	Status		TPH (m	ıg/kg)		B	T-1	Ethlybenzene	V.d ((T-4-1 DTEV (Chloride
Sample ID	Sample Date	Depth (ft)	In-Situ	Removed	GRO	DRO	MRO	Total	Benzene (mg/kg)	Toluene (mg/kg)	(mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	(mg/kg)
RRALs								100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg
SW-1	6/14/2022	-	Χ	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	143
SW-2	6/14/2022	-	Χ	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	303
SW-3	6/14/2022	-	Χ	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	213
SW-4	6/14/2022 6/28/2022	-	- X	X -	<50.0 <10.0	<50.0 <10.0	<50.0 <10.0	<50.0 <10.0	<0.00200 <0.050	<0.00200 <0.050	<0.00200 <0.050	<0.00399 <0.150	<0.00399 <0.300	1,280 32.0
SW-5	6/14/2022	-	Х	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	114
SW-6	6/14/2022	-	Х	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	554
SW-7	6/14/2022	-	Х	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	102
SW-8	6/14/2022	-	Х	-	<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	-	Χ	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	168
SW-10A	6/14/2022	-	Х	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	542
SW-10	6/28/2022	-	Х	-	<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	-	Х	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
SW-12	6/29/2022	-	Х	-	<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	-	Х	-	<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	-	Х	-	<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

Received by OCD: 7/13/2022 1:21:36 PM



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 7	7377			
Contact Nam	ne Todd We	lls			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 R	delease S	ource		
Latitude 32.0	80277°		(NAD 83 in de	ecimal de	Longitude	-103.530642° mal places)		
Site Name B	ear Booster				Site Type	SWD Pipeline Bo	ooster Pump	
Date Release	Discovered	4/14/22			API# (if ap	plicable)		
Unit Letter	Section	Township	Range		Cour	nty		
M	36	25S	33E	Lea		-		
	Materia	Federal Tr	Nature an	d Vo	lume of 1		volumes provided below)	
Crude Oi		Volume Release	d (bbls)			Volume Recove	ered (bbls)	
Produced	Water	Volume Release	d (bbls) 1,100			Volume Recove	ered (bbls) 930	
		Is the concentrate produced water	tion of dissolved >10,000 mg/l?	chloride	e in the	⊠ Yes □ No		
Condensa	ite	Volume Release	d (bbls)			Volume Recove	ered (bbls)	
Natural G	as	Volume Release	d (Mcf)			Volume Recovered (Mcf)		
Other (describe) Volume/Weight Released (provide units) Volume/Weight R					at Recovered (provide units)			
		poster pump bearing the leased around the					the pump. Approximately 1,100 bbls .	

Received by OCD: 7/13/2022 1:21:36 PM Form C-141 State of New Mexico Page 2 Oil Conservation Division

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Page	"	ΩŦ		73
I use	-	$\boldsymbol{v_I}$	-	40

Incident ID	nAPP2211856195
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the responsible party consider this a major release? More than 25 bbls
19.15.29.7(A) NMAC?	
⊠ Yes □ No	
If YES, was immediate in notification to the OCD E	notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? E-mail nviro Inbox on 4/14/22.
	Initial Response
The responsible p	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.
	s been secured to protect human health and the environment.
Released materials ha	we been contained via the use of berms or dikes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain why:
has begun, please attach	AC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
regulations all operators are public health or the environr failed to adequately investig	rmation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger nent. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have attend remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In f a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
Printed Name: Todd	Wells Title: Environmental Specialist
Signature: Todd	<i>Wells</i> Date: <u>4/28/22</u>
email: <u>Todd_Wells@</u>	<u>eogresources.com</u> Telephone: <u>(432) 686-3613</u>
OCD Only	
Received by:	Date:

Received by OCD: 7/13/2022 1:21:36 PM Form C-141 State of New Mexico Page 3 Oil Conservation Division

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Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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.

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Incident ID		
District RP		
Facility ID		
Application ID		

best of my knowledge and understand that pursuant to OCD rules and iffications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Title:
Date:
Telephone:
Date:

Received by OCD: 7/13/2022 1:21:36 PM Form C-141 State of New Mexico Page 6 Oil Conservation Division

Incident ID
District RP
Facility ID
Application ID

Closure

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

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

☐ A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC						
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)							
☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)						
☐ Description of remediation activities							
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.						
Signature: Todd Wells	Date:						
email:	Telephone:						
OCD Only							
Received by:	Date:						
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.						
Closure Approved by:	Date: 07/19/2022						
Printed Name: Jennifer Nobui	Title: Environmental Specialist A						



Appendix B

Site Characterization Documents

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					
<u>Tab-separated data</u>					
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 \$\phi\$ datum	? Status	? Method of measurement	? Measuring ^{\$} agency	? Source of measurement	? Water- level approval status
1954-07-23	D	72019	141.95				U		U	А
1971-10-20	D	72019	128.43				U		U	А
1981-03-25	D	72019	129.43				U		U	Α
1986-03-04	D	72019	125.88				U		U	А
1991-06-12	D	72019	126.82				U		U	Α
2013-01-16 14:00 M	ST m	72019	176.81				S	USGS	R	А

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	Α	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**

C 02291

Q64 Q16 Q4 Sec Tws Rng

X

2 06 26S 34E

640825 3550140*

Driller License:

Driller Name:

Drill Start Date:

Drill Finish Date:

Driller Company:

12/31/1949 **Plug Date:**

Log File Date:

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield: 15 GPM

Casing Size:

6.00

Depth Well: 220 feet **Depth Water:**

160 feet

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

5/20/22 10:27 AM

POINT OF DIVERSION SUMMARY

^{*}UTM location was derived from PLSS - see Help



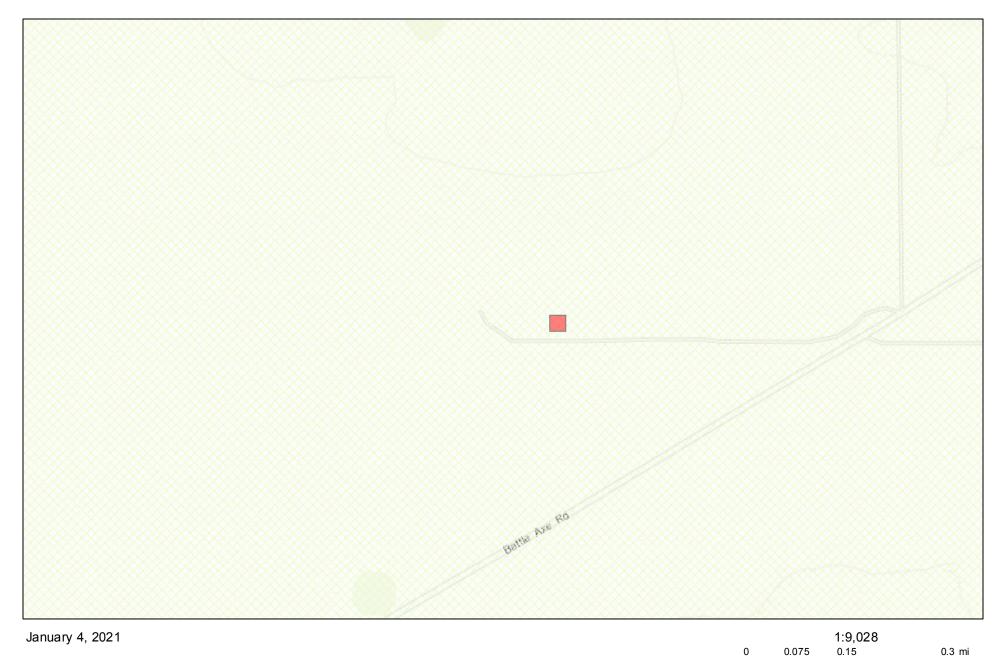
USDA FSA,

New Mexico

-103.470, 32.101

Site Information

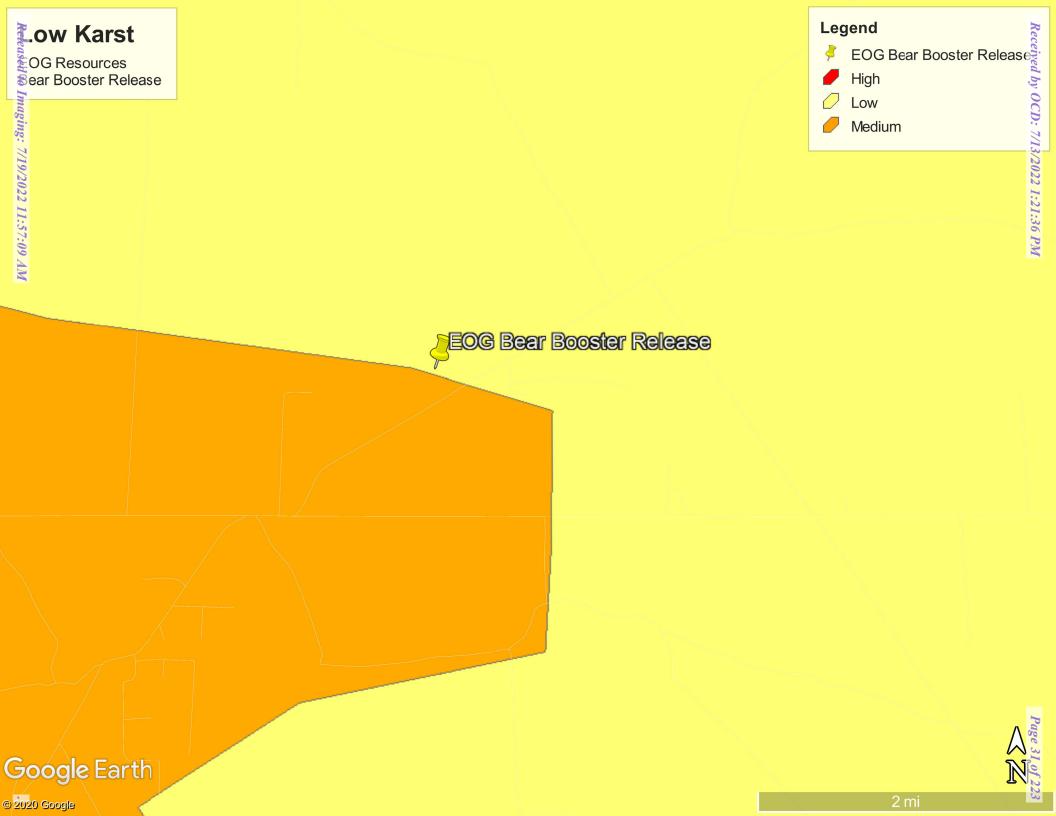
New Mexico NFHL Data



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

0.4 km

0.1





Appendix C

Laboratory Reports



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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TETRA TECH BRITTANY LONG 901 WEST WALL STREET, STE 100

MIDLAND TX, 79701

Fax To: (432) 682-3946

Received: 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 9	% 69.9-14	0						
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 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	120 9	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Fax To: (432) 682-3946

Received: 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 % 69.9-14		0						
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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	128	% 59.5-14	2						

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Fax To: (432) 682-3946

Received: 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)

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	102 5	% 69.9-14	0						
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	124	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	128	% 59.5-14	12						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Fax To: (432) 682-3946

Received: 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: Sample Received By: 212C - MD - 02763 Shalyn Rodriguez

Project Location: EOG - LEA CO NM

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

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	137	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

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

Fax To: (432) 682-3946

Received: 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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	126	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Fax To: (432) 682-3946

Received: 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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	128	% 59.5-14	2						

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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 - 7 (0-1') (H222052-07)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	127	% 59.5-14	2						

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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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg	'kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	126	% 59.5-14	2						

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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)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107	% 59.5-14	12						

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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 - 1 (0-1') (H222052-10)

BTEX 8021B	mg/	'kg	Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	102 9	% 69.9-14	0						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102 9	% 59.5-14	2						

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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

Applyzod By: MC/

Project Location: EOG - LEA CO NM

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea 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	% 69.9-14	0						
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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.7	% 59.5-14	2						

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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 Sample Received By: Project Number: 212C - MD - 02763 Shalyn Rodriguez

Project Location: EOG - LEA CO NM

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

BTEX 8021B	mg	'kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500CI-B	mg	'kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	79.9	% 59.5-14	2						

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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 - 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 9	69.9-14	0						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	73.1	% 59.5-14	2						

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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 - 1 (5') (H222052-14)

BTEX 8021B	mg	/kg	Analyze	ed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.1	% 59.5-14	2						

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Analytical Results For:

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

(432) 682-3946

Received: 05/13/2022 Sampling Date: 05/12/2022

Reported: 05/18/2022 Sampling Type: Soil

Fax To:

Project Name: BEAR BOOSTER RELEASE Sampling Condition: Cool & Intact
Project Number: 212C - MD - 02763 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: EOG - LEA CO NM

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 69.9-14	0						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	71.4	% 59.5-14	2						

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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 - 2 (2') (H222052-16)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	69.9-14	0						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	70.1	% 59.5-14	2						

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Celey D. Keine



Analytical Results For:

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

Fax To: (432) 682-3946

Received: 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 - 2 (3') (H222052-17)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	69.9-14	0						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.0	% 59.5-14	2						

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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

Applyzod By: MC\

Project Location: EOG - LEA CO NM

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

RTFY 8021R

Result <0.050 <0.050 <0.050	Reporting Limit 0.050 0.050	Analyzed 05/16/2022 05/16/2022	Method Blank	BS 1.94	% Recovery 96.8	True Value QC 2.00	RPD 8.57	Qualifier
<0.050		, ,		1.94	96.8	2.00	8.57	
	0.050	05/16/2022						
<0.050		03/10/2022	ND	1.90	95.2	2.00	9.11	
	0.050	05/16/2022	ND	1.87	93.3	2.00	8.68	
< 0.150	0.150	05/16/2022	ND	5.75	95.8	6.00	8.75	
<0.300	0.300	05/16/2022	ND					
103	% 69.9-14	0						
mg	/kg	Analyze	d By: GM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
32.0	16.0	05/16/2022	ND	432	108	400	0.00	
mg	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	05/16/2022	ND	220	110	200	4.86	
<10.0	10.0	05/16/2022	ND	211	106	200	5.92	
	10.0	05/16/2022	ND					
<10.0	10.0	03/10/2022	ND					
<10.0 89.7			ND					
	mg/ Result 32.0 mg/ Result <10.0 <10.0	mg/kg Result Reporting Limit 32.0 16.0 mg/kg Result Reporting Limit <10.0	mg/kg Analyzed Result Reporting Limit Analyzed 32.0 16.0 05/16/2022 mg/kg Analyzed Result Reporting Limit Analyzed <10.0	mg/kg Analyzed By: GM Result Reporting Limit Analyzed Method Blank 32.0 16.0 05/16/2022 ND mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank <10.0	mg/kg Analyzed By: GM Result Reporting Limit Analyzed Method Blank BS 32.0 16.0 05/16/2022 ND 432 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0	mg/kg Analyzed By: GM Result Reporting Limit Analyzed Method Blank BS % Recovery 32.0 16.0 05/16/2022 ND 432 108 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	mg/ky Analyzed By: GM Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 32.0 16.0 05/16/2022 ND 432 108 400 mg/ky Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0	mg/kg Analyzed By: GM Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 32.0 16.0 05/16/2022 ND 432 108 400 0.00 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <10.0

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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 - 2 (5') (H222052-19)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	69.9-14	0						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	73.1	% 59.5-14	2						

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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 Sample Received By: Shalyn Rodriguez Project Number: 212C - MD - 02763

Project Location: EOG - LEA CO NM

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

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	70.3	% 59.5-14	2						

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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 (2') (H222052-21)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	69.9-14	0						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	72.5	% 59.5-14	2						

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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

Analyzed By: MS\

Project Location: EOG - LEA CO NM

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

BTEX 8021B

DIEX GOZID	mg/	, kg	Allulyzo	a by. 1-15 (
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	78.3	% 59.5-14	2						

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Analytical Results For:

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

(432) 682-3946

Received: 05/13/2022 Sampling Date: 05/12/2022

Reported: 05/18/2022 Sampling Type: Soil

Fax To:

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 (4') (H222052-23)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	69.9-14	0						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	69.9	% 59.5-14	2						

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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 (5') (H222052-24)

BTEX 8021B	mg	/kg	Analyze	ed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.0	% 59.5-14	22						

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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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500CI-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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	72.9	% 59.5-14	2						

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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	Analyze	ed 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	% 69.9-14	0						
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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	72.7	% 59.5-14	12						

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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 (3') (H222052-27)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	79.8	% 59.5-14	2						

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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 (4') (H222052-28)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	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 %	69.9-14	0						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.3 9	% 59.5-14	2						

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Analytical Results For:

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

(432) 682-3946

Received: 05/13/2022 Sampling Date: 05/12/2022

Reported: 05/18/2022 Sampling Type: Soil

Fax To:

Project Name: BEAR BOOSTER RELEASE Sampling Condition: Cool & Intact
Project Number: 212C - MD - 02763 Sample Received By: Shalyn Rodriguez

Applyzod By: MC\

Project Location: EOG - LEA CO NM

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 69.9-14	0						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.2	% 59.5-14	2						

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Analytical Results For:

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

(432) 682-3946

Received: 05/13/2022 Sampling Date: 05/12/2022

Reported: 05/18/2022 Sampling Type: Soil

Fax To:

Project Name: BEAR BOOSTER RELEASE Sampling Condition: Cool & Intact
Project Number: 212C - MD - 02763 Sample Received By: Shalyn Rodriguez

Analyzed By: MS\

Project Location: EOG - LEA CO NM

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

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	a by. 1-15 (
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed 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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.8	% 59.5-14	2						

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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

Analyzed By: MS\

Project Location: EOG - LEA CO NM

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

BTEX 8021B

DILX GOZID	iiig/	ng .	Andryzo	a by. 1-15 (
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed 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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.7	% 59.5-14	2						

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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 (3') (H222052-32)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 %	69.9-14	0						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 %	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102 9	% 59.5-14	2						

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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

Applyzod By: MC\

Project Location: EOG - LEA CO NM

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a 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	% 69.9-14	0						
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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.6	% 59.5-14	2						

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Analytical Results For:

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

(432) 682-3946

Received: 05/13/2022 Sampling Date: 05/12/2022

Reported: 05/18/2022 Sampling Type: Soil

Fax To:

Project Name: BEAR BOOSTER RELEASE Sampling Condition: Cool & Intact Project Number: Sample Received By: Shalyn Rodriguez 212C - MD - 02763

Analyzed By: JH

Project Location: EOG - LEA CO NM

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

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	.u by. 511					
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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.4	% 59.5-14	2						

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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

Analyzed By: JH

Project Location: EOG - LEA CO NM

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

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	.u Dy. 311					
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	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.9	% 59.5-14	2						

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Analytical Results For:

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

(432) 682-3946

Received: 05/13/2022 Sampling Date: 05/12/2022

Reported: 05/18/2022 Sampling Type: Soil

Fax To:

Project Name: BEAR BOOSTER RELEASE Sampling Condition: Cool & Intact
Project Number: 212C - MD - 02763 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: EOG - LEA CO NM

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
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	% 69.9-14	0						
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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.7	% 59.5-14	2						

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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

Applyzod By: 14

Project Location: EOG - LEA CO NM

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 69.9-14	0						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103	% 59.5-14	2						

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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

Analyzed By: JH

Project Location: EOG - LEA CO NM

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

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	100	% 59.5-14	2						

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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

Analyzed By: JH

Project Location: EOG - LEA CO NM

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

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed 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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.9	% 59.5-14	2						

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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 - 7 (0-1') (H222052-40)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.3	% 59.5-14	2						

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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

Analyzed By: JH

Project Location: EOG - LEA CO NM

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

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.9	% 59.5-14	2						

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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

Applyzod By: 14

Project Location: EOG - LEA CO NM

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.6	% 59.5-14	2						

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Analytical Results For:

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

(432) 682-3946

Received: 05/13/2022 Sampling Date: 05/12/2022

Reported: 05/18/2022 Sampling Type: Soil

Fax To:

Project Name: BEAR BOOSTER RELEASE Sampling Condition: Cool & Intact
Project Number: 212C - MD - 02763 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: EOG - LEA CO NM

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

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.8	% 59.5-14	2						

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Analytical Results For:

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

(432) 682-3946

Received: 05/13/2022 Sampling Date: 05/12/2022

Reported: 05/18/2022 Sampling Type: Soil

Fax To:

Project Name: BEAR BOOSTER RELEASE Sampling Condition: Cool & Intact
Project Number: 212C - MD - 02763 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: EOG - LEA CO NM

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
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	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.2 % 59.5-142		2						

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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)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.7	% 59.5-14	2						

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Analytical Results For:

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

(432) 682-3946

Received: 05/13/2022 Sampling Date: 05/12/2022

Reported: 05/18/2022 Sampling Type: Soil

Fax To:

Project Name: BEAR BOOSTER RELEASE Sampling Condition: Cool & Intact
Project Number: 212C - MD - 02763 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: EOG - LEA CO NM

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

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	.u Dy. 311					
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	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.8	% 59.5-14	2						

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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: Sample Received By: 212C - MD - 02763 Shalyn Rodriguez

Project Location: EOG - LEA CO NM

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.6	% 59.5-14	2						

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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

Analyzed By: JH

Project Location: EOG - LEA CO NM

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

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	.u Dy. 311					
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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/16/2022	.6/2022 ND		108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.7	% 59.5-14	2						

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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 (5') (H222052-49)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	76.7	% 59.5-14	2						

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

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S-04



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

Notes and Definitions

3-04	The surrogate recovery for this sample is dustice 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

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

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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

MAMER

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

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www.eurofinsus.com/Env
Released to Imaging: 7/19/2022 11:57:09 AM

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

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

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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. Job ID: 880-15895-1 Project/Site: Bear Booster 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. 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.
¤	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 Minimum Level (Dioxin) ML MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

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

Negative / Absent NEG POS Positive / Present

Practical Quantitation Limit **PQL**

PRES Presumptive **Quality Control** QC

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RI

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

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

TNTC Too Numerous To Count

Case Narrative

Client: Tetra Tech, Inc.

Job ID: 880-15895-1

Project/Site: Bear Booster

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.

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Eurofins Midland 6/21/2022

SDG: Eddy County, New Mexico

Client Sample ID: BH-1

Client: Tetra Tech, Inc.

Project/Site: Bear Booster

Lab Sample ID: 880-15895-1 Date Collected: 06/14/22 00:00

Matrix: Solid

Method: 8021B - Volatile Organ	ic Compounds (GC)							
Analyte		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	
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
- T,4 Dilidorobenzene (Garr)									
Method: Total BTEX - Total BTE									
- ' '	EX Calculation	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: Total BTEX - Total BTE	EX Calculation			MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 06/17/22 09:21	
Method: Total BTEX - Total BTE Analyte	EX Calculation Result <0.00401	U	RL	MDL		<u>D</u>	Prepared		
Method: Total BTEX - Total BTE Analyte Total BTEX	EX Calculation Result <0.00401 ge Organics (DR0	U	RL			D D	Prepared Prepared		1
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang	EX Calculation Result <0.00401 ge Organics (DR0	O) (GC) Qualifier	RL		mg/Kg			06/17/22 09:21	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH	EX Calculation Result <0.00401 ge Organics (DRO Result <49.9	O) (GC) Qualifier U	RL		mg/Kg			06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH Method: 8015B NM - Diesel Rang	EX Calculation Result <0.00401 ge Organics (DR) Result <49.9 nge Organics (D	O) (GC) Qualifier U	RL		mg/Kg Unit mg/Kg			06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	EX Calculation Result <0.00401 ge Organics (DR) Result <49.9 nge Organics (D	O) (GC) Qualifier U RO) (GC) Qualifier	RL 0.00401 RL 49.9	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	06/17/22 09:21 Analyzed 06/16/22 09:49	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte	EX Calculation Result <0.00401 ge Organics (DR) Result <49.9 nge Organics (D) Result Result	U O) (GC) Qualifier U RO) (GC) Qualifier U *-	RL 0.00401 RL 49.9	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	06/17/22 09:21 Analyzed 06/16/22 09:49 Analyzed	Dil Fac

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 Chron	natography -	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**

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	
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 17:11	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 17:11	
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/15/22 15:37	06/16/22 17:11	
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 17:11	
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/15/22 15:37	06/16/22 17:11	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	105		70 - 130				06/15/22 15:37	06/16/22 17:11	
1.4-Difluorobenzene (Surr)	101		70 - 130				06/15/22 15:37	06/16/22 17:11	

Eurofins Midland

Date Received: 06/15/22 08:15

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 880-15895-1 Project/Site: Bear Booster 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

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 (DR	O) (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 Rang	e Organics (Di	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U *-	49.9		mg/Kg		06/15/22 08:46	06/15/22 12:58	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 12:58	1
C10-C28)									
Oll 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 Chro	matography -	Soluble							
Analyte	•	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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199		mg/Kg		06/15/22 15:37	06/16/22 17:31	
Toluene	< 0.00199	U	0.00199		mg/Kg		06/15/22 15:37	06/16/22 17:31	•
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
Method: Total BTEX - Total BTI			70 - 130				06/15/22 15:37	06/16/22 17:31	
Method: Total BTEX - Total BTI Analyte	EX Calculation	Qualifier U	70 - 130 RL 0.00398	MDL	Unit ma/Ka	<u>D</u>	06/15/22 15:37 Prepared	06/16/22 17:31 Analyzed 06/17/22 09:21	
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang	EX Calculation Result <0.00398 ge Organics (DR)	U (GC)	RL		mg/Kg	=	Prepared	Analyzed 06/17/22 09:21	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte	EX Calculation Result <0.00398 ge Organics (DRORESULT) Result	O) (GC) Qualifier				<u>D</u>		Analyzed 06/17/22 09:21 Analyzed	Dil Fac
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH	EX Calculation Result <0.00398 ge Organics (DR)	O) (GC) Qualifier	RL		mg/Kg	=	Prepared	Analyzed 06/17/22 09:21	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte	EX Calculation Result <0.00398 ge Organics (DRO Result <50.0	O) (GC) Qualifier			mg/Kg	=	Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH Method: 8015B NM - Diesel Rang	EX Calculation Result <0.00398 ge Organics (DR) Result <50.0 nge Organics (D	O) (GC) Qualifier		MDL	mg/Kg	=	Prepared	Analyzed 06/17/22 09:21 Analyzed	
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH	EX Calculation Result <0.00398 ge Organics (DR) Result <50.0 nge Organics (D	O) (GC) Qualifier U RO) (GC) Qualifier	RL 0.00398 RL 50.0	MDL	mg/Kg Unit mg/Kg	<u></u>	Prepared Prepared	Analyzed 06/17/22 09:21 Analyzed 06/16/22 09:49	Dil Fac

SDG: Eddy County, New Mexico

Client Sample ID: BH-3

Client: Tetra Tech, Inc.

Project/Site: Bear Booster

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15 Lab Sample ID: 880-15895-3

Matrix: Solid

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

Client Sample ID: BH-4

Date Collected: 06/14/22 00:00

Lab Sample ID: 880-15895-4

Matrix: Solid

Date Received: 06/15/22 08:15

Method: 8021B - Volatile Orga	nic 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 Cal	culation								
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
l	Total BTEX	<0.00399	U	0.00399		mg/Kg			06/17/22 09:21	1

Method: 8015 NM - Diesel Rang	ge Organics (DR	O) (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 Ra	•	, , ,							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U *-	49.9		mg/Kg		06/15/22 08:46	06/15/22 13:41	1
(CPO) C6 C10									

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

49.9

mg/Kg

<49.9 U

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

06/15/22 08:46

06/15/22 13:41

Diesel Range Organics (Over

C10-C28)

SDG: Eddy County, New Mexico

Client Sample ID: BH-5

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

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15 Lab Sample ID: 880-15895-5

Matrix: Solid

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	X 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 (DR	O) (GC)							
_									
Analyte	Result	Qualifier	RL	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed	
_		Qualifier	RL	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 06/16/22 09:49	
Analyte	Result <50.0	Qualifier U		MDL		<u>D</u>	Prepared		
Analyte Total TPH	Result < 50.0 ge Organics (D)	Qualifier U		MDL	mg/Kg	<u>D</u>	Prepared Prepared		1
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte	Result < 50.0 ge Organics (D)	Qualifier U RO) (GC) Qualifier	50.0		mg/Kg			06/16/22 09:49	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10	Result <50.0 Ge Organics (Dige Result	Qualifier U RO) (GC) Qualifier	50.0		mg/Kg		Prepared	06/16/22 09:49 Analyzed	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.0 Ge Organics (Dige Result	Qualifier U RO) (GC) Qualifier U *-	50.0		mg/Kg		Prepared	06/16/22 09:49 Analyzed	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <50.0	Qualifier U RO) (GC) Qualifier U *-	50.0 RL 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 06/15/22 08:46 06/15/22 08:46	06/16/22 09:49 Analyzed 06/15/22 14:03	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.0 ge Organics (Dige Result <50.0)	Qualifier U RO) (GC) Qualifier U *-	50.0 RL 50.0		mg/Kg Unit mg/Kg		Prepared 06/15/22 08:46	06/16/22 09:49 Analyzed 06/15/22 14:03	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result <50.0	Qualifier U RO) (GC) Qualifier U *- U	50.0 RL 50.0 50.0 50.0 Limits		mg/Kg Unit mg/Kg mg/Kg		Prepared 06/15/22 08:46 06/15/22 08:46 06/15/22 08:46 Prepared	Analyzed 06/15/22 14:03 06/15/22 14:03 Analyzed Analyzed	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <50.0	Qualifier U RO) (GC) Qualifier U *- U	50.0 RL 50.0 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 06/15/22 08:46 06/15/22 08:46 06/15/22 08:46	06/16/22 09:49 Analyzed 06/15/22 14:03 06/15/22 14:03	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result <50.0	Qualifier U RO) (GC) Qualifier U *- U	50.0 RL 50.0 50.0 50.0 Limits		mg/Kg Unit mg/Kg mg/Kg		Prepared 06/15/22 08:46 06/15/22 08:46 06/15/22 08:46 Prepared	Analyzed 06/15/22 14:03 06/15/22 14:03 Analyzed Analyzed	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result <50.0	Qualifier U RO) (GC) Qualifier U*- U Qualifier	50.0 RL 50.0 50.0 50.0 Limits 70 - 130		mg/Kg Unit mg/Kg mg/Kg		Prepared 06/15/22 08:46 06/15/22 08:46 06/15/22 08:46 Prepared 06/15/22 08:46	Analyzed 06/15/22 14:03 06/15/22 14:03 Analyzed 06/15/22 14:03	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U RO) (GC) Qualifier U*- U Qualifier	50.0 RL 50.0 50.0 50.0 Limits 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg		Prepared 06/15/22 08:46 06/15/22 08:46 06/15/22 08:46 Prepared 06/15/22 08:46	Analyzed 06/15/22 14:03 06/15/22 14:03 Analyzed 06/15/22 14:03	Dil Fac 1 Dil Fac 1 Dil Fac 1 Dil Fac 1 Dil Fac

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 MDL Unit D Dil Fac RL Prepared Analyzed Benzene <0.00199 U 0.00199 mg/Kg 06/15/22 15:37 06/16/22 18:32 Toluene <0.00199 U 0.00199 mg/Kg 06/15/22 15:37 06/16/22 18:32 Ethylbenzene <0.00199 U 0.00199 mg/Kg 06/15/22 15:37 06/16/22 18:32 m-Xylene & p-Xylene <0.00398 U 0.00398 mg/Kg 06/15/22 15:37 06/16/22 18:32 o-Xylene <0.00199 U 0.00199 mg/Kg 06/15/22 15:37 06/16/22 18:32 Xylenes, Total <0.00398 U 0.00398 06/15/22 15:37 06/16/22 18:32 mg/Kg Qualifier Limits Surrogate %Recovery Prepared Analyzed Dil Fac 104 70 - 130 06/15/22 15:37 06/16/22 18:32 4-Bromofluorobenzene (Surr)

Eurofins Midland

06/16/22 18:32

06/15/22 15:37

70 - 130

100

1,4-Difluorobenzene (Surr)

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 880-15895-1

Project/Site: Bear Booster

SDG: Eddy County, New Mexico

Client Sample ID: BH-6

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15 Lab Sample ID: 880-15895-6

06/15/22 14:24

06/15/22 14:24

Lab Sample ID: 880-15895-7

Matrix: Solid

06/15/22 08:46

06/15/22 08:46

Matrix: Solid

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 (DR	O) (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 Rang	, ,	, , ,	DI	MDI	l lait	ь	Drawarad	Analysed	Dil Foo
	, ,	RO) (GC) Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Analyte	, ,	Qualifier	RL 49.9	MDL	Unit mg/Kg	<u>D</u>	Prepared 06/15/22 08:46	Analyzed 06/15/22 14:24	Dil Fac
Analyte Gasoline Range Organics	Result	Qualifier		MDL		<u>D</u>			Dil Fac
Method: 8015B NM - Diesel Ranç Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result	Qualifier U *-		MDL		<u>D</u>			Dil Fac 1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <49.9	Qualifier U *-	49.9	MDL	mg/Kg	<u>D</u>	06/15/22 08:46	06/15/22 14:24	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10	Result <49.9	Qualifier U *-	49.9	MDL	mg/Kg	<u>D</u>	06/15/22 08:46	06/15/22 14:24	Dil Fac 1 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

70 - 130

70 - 130

117

128

Date Collected: 06/14/22 00:00

Client Sample ID: BH-7

1-Chlorooctane

o-Terphenyl

Date Received: 06/15/22 08:15

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	
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	
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) Method: Total BTEX - Total BT	99 EX Calculation		70 - 130				06/15/22 15:37	06/16/22 18:53	
Method: Total BTEX - Total BT Analyte	EX Calculation Result	Qualifier	RL	MDL	Unit ma/Ka	<u>D</u>	06/15/22 15:37 Prepared	Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Rar	TEX Calculation Result <0.00400 age Organics (DR	U (GC)	RL		Unit mg/Kg	<u>D</u>	Prepared	Analyzed 06/17/22 09:21	Dil Fac
Method: Total BTEX - Total BT	TEX Calculation Result <0.00400 age Organics (DR	U O) (GC) Qualifier	RL		mg/Kg	<u> </u>		Analyzed	
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Rar Analyte	rex Calculation Result <0.00400 age Organics (DR Result <49.9	U O) (GC) Qualifier U			mg/Kg	<u> </u>	Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Rar Analyte Total TPH	rex Calculation Result <0.00400 age Organics (DR Result <49.9 ange Organics (D	U O) (GC) Qualifier U		MDL	mg/Kg	<u> </u>	Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Rar Analyte Total TPH Method: 8015B NM - Diesel Ra	rex Calculation Result <0.00400 age Organics (DR Result <49.9 ange Organics (D	O) (GC) Qualifier U RO) (GC) Qualifier	RL 0.00400 RL 49.9	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 06/17/22 09:21 Analyzed 06/16/22 09:49	Dil Fac

Eurofins Midland

3

5

0

10

12

13

Client: Tetra Tech, Inc. SDG: Eddy County, New Mexico Project/Site: Bear Booster

Client Sample ID: BH-7

Lab Sample ID: 880-15895-7

Matrix: Solid

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

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

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

Analyte

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

Total BTEX	<0.00401	U	0.00401		mg/Kg			06/17/22 09:21	1
Method: 8015 NM - Diesel Rar	nge Organics (DR	O) (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 Ra	ange Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U *-	50.0		mg/Kg		06/15/22 08:46	06/15/22 15:08	1

RL

MDL Unit

D

Prepared

Analyzed

Dil Fac

Result Qualifier

o-Ternhenyl	128		70 - 130		06/15/22 08:46	06/15/22 15:08	1
1-Chlorooctane	120		70 - 130		06/15/22 08:46	06/15/22 15:08	1
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<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
(GRO)-C6-C10							

Method: 300.0 - Anions, Ion Chrom	atography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	851		4.98		mg/Kg			06/20/22 10:17	1

Client Sample ID: BH-9

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

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

Lab Sample ID: 880-15895-9

Date Collected: 06/14/22 00:00 Matrix: Solid Date Received: 06/15/22 08:15

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	
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 12:09	•
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 12:09	,
m-Xylene & p-Xylene	<0.00398	U F1	0.00398		mg/Kg		06/15/22 16:00	06/17/22 12:09	,
o-Xylene	< 0.00199	U F1	0.00199		mg/Kg		06/15/22 16:00	06/17/22 12:09	,
Xylenes, Total	<0.00398	U F1	0.00398		mg/Kg		06/15/22 16:00	06/17/22 12:09	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	109		70 - 130				06/15/22 16:00	06/17/22 12:09	
1,4-Difluorobenzene (Surr)	90		70 - 130				06/15/22 16:00	06/17/22 12:09	•
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	
Method: 8015 NM - Diesel Range	Organics (DR)	O) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/16/22 09:49	
- Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U *-	50.0		mg/Kg		06/15/22 08:46	06/15/22 15:30	
(GRO)-C6-C10 Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 15:30	,
C10-C28)									
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 15:30	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	115		70 - 130				06/15/22 08:46	06/15/22 15:30	
o-Terphenyl	124		70 - 130				06/15/22 08:46	06/15/22 15:30	•
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	174		4.96		mg/Kg			06/20/22 10:25	

Client Sample ID: BH-10 Lab Sample ID: 880-15895-10 **Matrix: Solid**

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

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

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 880-15895-1

Project/Site: Bear Booster

SDG: Eddy County, New Mexico

Client Sample ID: BH-10

Date Collected: 06/14/22 00:00

Lab Sample ID: 880-15895-10 Matrix: Solid

Date Received: 06/15/22 08:15

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 (DR	O) (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	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U *-	50.0		mg/Kg		06/15/22 08:46	06/15/22 15:51	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 15:51	1
C10-C28)									
Oll 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 Chro	matography -	Soluble							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	316		5.04		mg/Kg			06/20/22 10:33	

Client Sample ID: BH-11 Lab Sample ID: 880-15895-11

Date Collected: 06/14/22 00:00

Date Received: 06/15/22 08:15

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	
Toluene	<0.00198	U	0.00198		mg/Kg		06/15/22 16:00	06/17/22 13:01	,
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/15/22 16:00	06/17/22 13:01	,
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
	96		70 - 130				06/15/22 16:00	06/17/22 13:01	1
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BT Analyte	EX Calculation	Qualifier		MDL	Unit	D			
• '			70 - 130				00/13/22 10.00	00/17/22 13.01	,
• '	EX Calculation	Qualifier	RL 0.00397	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 06/17/22 09:21	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX	EX Calculation Result <0.00397	U	RL	MDL		<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte	EX Calculation Result <0.00397 ge Organics (DR0	U	RL	MDL MDL	mg/Kg	<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran	EX Calculation Result <0.00397 ge Organics (DR0	U O) (GC) Qualifier	RL		mg/Kg		Prepared	Analyzed 06/17/22 09:21	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte	Result Quantity of the control of	O) (GC) Qualifier	RL 0.00397		mg/Kg		Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH	result calculation Result co.00397 rege Organics (DRO Result calculation calculation calculation) rege Organics (DRO Result calculation	O) (GC) Qualifier	RL 0.00397	MDL	mg/Kg		Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH Method: 8015B NM - Diesel Ra	result calculation Result co.00397 rege Organics (DRO Result calculation calculation calculation) rege Organics (DRO Result calculation	O) (GC) Qualifier U RO) (GC) Qualifier	RL 0.00397 RL 49.9	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 06/17/22 09:21 Analyzed 06/16/22 09:49	Dil Fac

Eurofins Midland

Matrix: Solid

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

Client Sample ID: BH-11

Client: Tetra Tech, Inc.

Project/Site: Bear Booster

Lab Sample ID: 880-15895-11

Matrix: Solid

Date Collected: 06/14/22 00:00

Date Received: 06/15/22 08:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll 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 Chrom	natography - So	oluble							
Analyte	Result C	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

Date Collected: 06/14/22 00:00

Date Received: 06/15/22 08:15

Lab Sample	ID:	880-15895-12
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Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
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						_			
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/16/22 09:49	1
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte		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
Oll 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 Chro	omatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

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

Job ID: 880-15895-1

SDG: Eddy County, New Mexico

Lab Sample ID: 880-15895-13

Matrix: Solid

Client Sample ID: BH-13 Date Collected: 06/14/22 00:00

Date Received: 06/15/22 08:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 13:53	-
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 13:53	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 13:53	
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/15/22 16:00	06/17/22 13:53	
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 13:53	
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/15/22 16:00	06/17/22 13:53	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	120		70 - 130				06/15/22 16:00	06/17/22 13:53	
1,4-Difluorobenzene (Surr)	101		70 - 130				06/15/22 16:00	06/17/22 13:53	
Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/17/22 09:21	-
Method: 8015 NM - Diesel Range Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.0		50.0		mg/Kg			06/16/22 09:49	
- Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte	•	Qualifier		MDI	Unit	D	Prepared	Amalumad	
	Result	Qualifiei	RL	MDL	Oilit	U	Frepareu	Analyzed	Dil Fa
5 5	<50.0		50.0	MDL	mg/Kg		06/15/22 08:46	06/15/22 17:18	Dil Fac
(GRO)-C6-C10 Diesel Range Organics (Over		U *-		MDL		=	<u> </u>		
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0	U *-	50.0	MDL	mg/Kg	5	06/15/22 08:46	06/15/22 17:18	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.0 <50.0	U *- U	50.0	MDL	mg/Kg	5	06/15/22 08:46 06/15/22 08:46	06/15/22 17:18 06/15/22 17:18	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	<50.0 <50.0 <50.0	U *- U	50.0 50.0 50.0	MDL	mg/Kg	5	06/15/22 08:46 06/15/22 08:46 06/15/22 08:46	06/15/22 17:18 06/15/22 17:18 06/15/22 17:18	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<50.0 <50.0 <50.0 %Recovery	U *- U	50.0 50.0 50.0 <i>Limits</i>	MDL	mg/Kg		06/15/22 08:46 06/15/22 08:46 06/15/22 08:46 Prepared	06/15/22 17:18 06/15/22 17:18 06/15/22 17:18 Analyzed	
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: 300.0 - Anions, Ion Chro	<50.0 <50.0 <50.0 **Recovery 115 123	U*- U Qualifier	50.0 50.0 50.0 Limits 70 - 130	MDL	mg/Kg		06/15/22 08:46 06/15/22 08:46 06/15/22 08:46 Prepared 06/15/22 08:46	06/15/22 17:18 06/15/22 17:18 06/15/22 17:18 06/15/22 17:18 Analyzed 06/15/22 17:18	Dil Fa
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<50.0 <50.0 <50.0 <50.0 %Recovery 115 123 omatography -	U*- U Qualifier	50.0 50.0 50.0 Limits 70 - 130		mg/Kg	<u>b</u>	06/15/22 08:46 06/15/22 08:46 06/15/22 08:46 Prepared 06/15/22 08:46	06/15/22 17:18 06/15/22 17:18 06/15/22 17:18 06/15/22 17:18 Analyzed 06/15/22 17:18	Dil Fa

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

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

Client: Tetra Tech, Inc. Project/Site: Bear Booster Job ID: 880-15895-1

SDG: Eddy County, New Mexico

Lab Sample ID: 880-15895-14

Matrix: Solid

Client Sample ID: BH-14

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

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 (DR	O) (GC)							
Analyte	•	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 Rang	e Organics (DI	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U *-	49.9		mg/Kg		06/15/22 08:46	06/15/22 17:39	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 17:39	1
C10-C28)									
Oll 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 Chro	matography -	Soluble							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	253		5.05		mg/Kg			06/20/22 11:36	

Client Sample ID: BH-15 Lab Sample ID: 880-15895-15

Date Collected: 06/14/22 00:00

Date Received: 06/15/22 08:15

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	
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 14:45	•
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 14:45	,
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/15/22 16:00	06/17/22 14:45	
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)			70 - 130				06/15/22 16:00	06/17/22 14:45	1
	101		70 ₋ 130				06/15/22 16:00	06/17/22 14:45	1
Method: Total BTEX - Total BT	TEX Calculation	Qualifier	70 - 730 RL	MDL	Unit	D	Prepared	Analyzed	
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BT			70 - 130				00/13/22 10:00	00/11/22 14.40	,
Method: Total BTEX - Total BT Analyte	TEX Calculation			MDL	Unit mg/Kg	<u>D</u>			·
Method: Total BTEX - Total BT Analyte Total BTEX	TEX Calculation Result <0.00401	U	RL	MDL		<u>D</u>		Analyzed	
Method: Total BTEX - Total BT Analyte	TEX Calculation Result <0.00401 age Organics (DR0	U	RL	MDL MDL	mg/Kg	<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran	TEX Calculation Result <0.00401 age Organics (DR0	U O) (GC) Qualifier	RL		mg/Kg		Prepared	Analyzed 06/17/22 09:21	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte	Result	O) (GC) Qualifier	RL		mg/Kg		Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH	TEX Calculation Result <0.00401 age Organics (DRO Result <50.0 ange Organics (DIO Result)	O) (GC) Qualifier	RL	MDL	mg/Kg		Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH Method: 8015B NM - Diesel Ra	TEX Calculation Result <0.00401 age Organics (DRO Result <50.0 ange Organics (DIO Result)	O) (GC) Qualifier U RO) (GC) Qualifier	RL 0.00401 RL 50.0	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 06/17/22 09:21 Analyzed 06/16/22 09:49	Dil Fac

Eurofins Midland

Matrix: Solid

SDG: Eddy County, New Mexico

Project/Site: Bear Booster **Client Sample ID: BH-15**

Client: Tetra Tech, Inc.

Lab Sample ID: 880-15895-15

Matrix:	Solid

	Collected:		
Date	Received:	06/15/22	08:15

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Oll 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 Chromato	graphy -	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

Date Received: 06/15/22 08:15

Matrix: Solid

Method: 8021B - Volatile Orga	nic 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

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	0	06/15/22 16:00	06/17/22 15:10	1
1,4-Difluorobenzene (Surr)	104		70 - 130	0	06/15/22 16:00	06/17/22 15:10	1
_							

Method: Total BTEX - Total BTEX C	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 O	rganics (DR	O) (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

Organics (D	RO) (GC)							
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<50.0	U *-	50.0		mg/Kg		06/15/22 08:46	06/15/22 18:23	1
<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 18:23	1
<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 18:23	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
110		70 - 130				06/15/22 08:46	06/15/22 18:23	1
115		70 - 130				06/15/22 08:46	06/15/22 18:23	1
	Result		Result Qualifier RL <50.0	Result Qualifier RL MDL <50.0	Result Qualifier RL MDL Unit <50.0	Result Qualifier RL MDL Unit D <50.0	Result Qualifier RL MDL mg/Kg D mg/Kg Prepared 06/15/22 08:46 <50.0 U *-	Result Qualifier RL MDL Unit D Prepared Analyzed <50.0

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	

Client: Tetra Tech, Inc. Project/Site: Bear Booster SDG: Eddy County, New Mexico

Client Sample ID: BH-17

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15 Lab Sample ID: 880-15895-17

Matrix: Solid

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	
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 15:36	
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	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
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 (DR	O) (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 Rang	ge Organics (D	RO) (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
Oll 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 Chro	omatography -	Soluble							
Welliou. 300.0 - Allions, Ion Cili	Jiliatograpity -	Oolubic							

Client Sample ID: BH-18 Lab Sample ID: 880-15895-18 Date Collected: 06/14/22 00:00 **Matrix: Solid**

50.9

4.95

mg/Kg

Date Received: 06/15/22 08:15

Chloride

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

Eurofins Midland

06/20/22 11:59

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 880-15895-1 Project/Site: Bear Booster 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

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 (DR	O) (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 Rang	e Organics (Di	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U *-	49.9		mg/Kg		06/15/22 08:46	06/15/22 19:06	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		06/15/22 08:46	06/15/22 19:06	1
C10-C28)									
OII 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 Chro	matography -	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

Released to Imaging: 7/19/2022 11:57:09 AM

Date Received: 06/15/22 08:15

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	
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)			70 - 130				06/15/22 16:00	06/17/22 17:50	1
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BT			70 - 130				06/15/22 16:00	06/17/22 17:50	
• ' ' '	EX Calculation	Qualifier	70 - 130 RL 0.00402	MDL	Unit mg/Kg	<u>D</u>	06/15/22 16:00 Prepared	06/17/22 17:50 Analyzed 06/17/22 09:21	Dil Fac
Method: Total BTEX - Total BT Analyte	EX Calculation Result <0.00402 ge Organics (DR	U	RL			<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran	EX Calculation Result <0.00402 ge Organics (DR	U O) (GC) Qualifier	RL		mg/Kg	<u> </u>	Prepared	Analyzed 06/17/22 09:21	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte	result Calculation Result Result Result Result <50.0	O) (GC) Qualifier	RL		mg/Kg	<u> </u>	Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH Method: 8015B NM - Diesel Ran	result TEX Calculation Result Result Result Result <50.0 enge Organics (Diagrams of Diagrams of Di	O) (GC) Qualifier	RL		mg/Kg Unit mg/Kg	<u> </u>	Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH	result TEX Calculation Result Result Result Result <50.0 enge Organics (Diagrams of Diagrams of Di	O) (GC) Qualifier U RO) (GC) Qualifier	RL 0.00402	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 06/17/22 09:21 Analyzed 06/16/22 09:49	Dil Fac

Eurofins Midland

Matrix: Solid

Client: Tetra Tech, Inc. SDG: Eddy County, New Mexico Project/Site: Bear Booster

Client Sample ID: BH-19

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

Lab Sample ID: 880-15895-19 Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued) Result Qualifier MDL Unit D Prepared Analyzed Dil Fac 50.0 06/15/22 08:46 06/15/22 19:28 Oll Range Organics (Over C28-C36) <50.0 U mg/Kg Surrogate %Recovery Qualifier Limits Dil Fac Prepared Analyzed 1-Chlorooctane 70 - 130 06/15/22 08:46 06/15/22 19:28 89 o-Terphenyl 94 70 - 130 06/15/22 08:46 06/15/22 19:28

Method: 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 4.99 06/20/22 12:15 Chloride 66.4 mg/Kg

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

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	Organica (DR	0) (CC)							
Analyte	•	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 Rang	0								
	ງe Organics (ນໍ	RO) (GC)							
Analyte	•	RO) (GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Gasoline Range Organics	•	Qualifier	RL 49.9	MDL	Unit mg/Kg	<u>D</u>	Prepared 06/15/22 08:46	Analyzed 06/15/22 19:50	Dil Fac
Analyte Gasoline Range Organics	Result	Qualifier U *-		MDL		<u>D</u>			1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <49.9	Qualifier U *-	49.9	MDL	mg/Kg	<u> </u>	06/15/22 08:46	06/15/22 19:50	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.9 <49.9	Qualifier U *-	49.9	MDL	mg/Kg mg/Kg	<u>D</u>	06/15/22 08:46 06/15/22 08:46	06/15/22 19:50 06/15/22 19:50	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <49.9 <49.9 <49.9	Qualifier U *- U	49.9 49.9 49.9	MDL	mg/Kg mg/Kg	<u>D</u>	06/15/22 08:46 06/15/22 08:46 06/15/22 08:46	06/15/22 19:50 06/15/22 19:50 06/15/22 19:50	1 1 1 Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result <49.9 <49.9 <49.9 <49.9 %Recovery	Qualifier U *- U	49.9 49.9 49.9 <i>Limits</i>	MDL	mg/Kg mg/Kg	<u>D</u>	06/15/22 08:46 06/15/22 08:46 06/15/22 08:46 Prepared	06/15/22 19:50 06/15/22 19:50 06/15/22 19:50 Analyzed	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result <49.9 <49.9 <49.9 <49.9 <49.9 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <49.7 <	Qualifier U*- U Qualifier	49.9 49.9 49.9 Limits 70 - 130	MDL	mg/Kg mg/Kg	<u>D</u>	06/15/22 08:46 06/15/22 08:46 06/15/22 08:46 Prepared 06/15/22 08:46	06/15/22 19:50 06/15/22 19:50 06/15/22 19:50 Analyzed 06/15/22 19:50	
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U*- U Qualifier	49.9 49.9 49.9 Limits 70 - 130	MDL	mg/Kg mg/Kg mg/Kg	<u>D</u>	06/15/22 08:46 06/15/22 08:46 06/15/22 08:46 Prepared 06/15/22 08:46	06/15/22 19:50 06/15/22 19:50 06/15/22 19:50 Analyzed 06/15/22 19:50	1 1 1 1 Dil Fac

Client: Tetra Tech, Inc.

Job ID: 880-15895-1

Project/Site: Bear Booster

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

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
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte		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 Rang	ge Organics (D	RO) (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
Oll 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 Chro	omatography -	Soluble							
Method: 500.0 - Amons, fon Om	matog. upm								
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

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

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

Eurofins Midland

2

1

6

1

9

12

13

14

Client Sample ID: BH-22

Analyte

Chloride

Date Collected: 06/14/22 00:00

Dil Fac

Matrix: Solid

Analyzed

06/20/22 11:39

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

Job ID: 880-15895-1

SDG: Eddy County, New Mexico

Lab Sample ID: 880-15895-22

Matrix: Solid

Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/17/22 09:21	
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<49.9	U	49.9		mg/Kg			06/16/22 09:49	
Analyte Gasoline Range Organics	<49.9		RL 49.9		Unit mg/Kg	_ <u>-</u>	Prepared 06/15/22 08:49	Analyzed 06/15/22 12:58	
Method: 8015B NM - Diesel Rang		RO) (GC) Qualifier		MDL		D			Dil Fa
• •	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 12:58	
(GRO)-C6-C10 Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 12:58	
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 12:58	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	72		70 - 130				06/15/22 08:49	06/15/22 12:58	
o-Terphenyl	71		70 - 130				06/15/22 08:49	06/15/22 12:58	

4.98 Client Sample ID: BH-23 Lab Sample ID: 880-15895-23

RL

MDL Unit

mg/Kg

D

Prepared

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

Result Qualifier

12.9

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	
Toluene	<0.00201	U	0.00201		mg/Kg		06/15/22 16:00	06/17/22 19:34	
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)			70 - 130				06/15/22 16:00	06/17/22 19:34	1
4 4 5 5 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	97		70 ₋ 130				06/15/22 16:00	06/17/22 19:34	1
	EX Calculation	Qualifier	70 - 730 RL	MDL	Unit	D	Prepared	Analyzed	
Method: Total BTEX - Total BT	EX Calculation					_			
Method: Total BTEX - Total BT	EX Calculation			MDL	Unit mg/Kg	<u>D</u>			Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX	CEX Calculation Result <0.00402	U	RL	MDL		<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte	EX Calculation Result <0.00402 ge Organics (DR	U	RL			<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran	EX Calculation Result <0.00402 ge Organics (DR	U O) (GC) Qualifier	RL		mg/Kg		Prepared	Analyzed 06/17/22 09:21	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte	Result	O) (GC) Qualifier	RL		mg/Kg		Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH	Result Quantity of the control of	O) (GC) Qualifier	RL	MDL	mg/Kg		Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH Method: 8015B NM - Diesel Ran	Result Quantity of the control of	O) (GC) Qualifier U RO) (GC) Qualifier	RL 0.00402 RL 50.0	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 06/17/22 09:21 Analyzed 06/16/22 09:49	Dil Fac

Job ID: 880-15895-1

Client: Tetra Tech, Inc. Project/Site: Bear Booster SDG: Eddy County, New Mexico

Lab Sample ID: 880-15895-23 **Client Sample ID: BH-23**

Date Collected: 06/14/22 00:00 Matrix: Solid Date Received: 06/15/22 08:15

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Oll 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

5.04 06/20/22 11:48 Chloride 540 mg/Kg

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 20:00	-
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 20:00	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 20:00	
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/15/22 16:00	06/17/22 20:00	
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 20:00	
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/15/22 16:00	06/17/22 20:00	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	118		70 - 130				06/15/22 16:00	06/17/22 20:00	
1,4-Difluorobenzene (Surr)	95		70 - 130				06/15/22 16:00	06/17/22 20:00	
Method: Total BTEX - Total BTE)	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/17/22 09:21	
Method: 8015 NM - Diesel Range Analyte Total TPH	•	Qualifier	RL 49.9	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 06/16/22 09:49	Dil Fa
Total IPH	<49.9	U	49.9		mg/Kg			06/16/22 09:49	
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 13:41	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 13:41	
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 13:41	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	73		70 - 130				06/15/22 08:49	06/15/22 13:41	
o-Terphenyl	70		70 - 130				06/15/22 08:49	06/15/22 13:41	
•		Soluble							
Method: 300.0 - Anions, Ion Chro	omatograpny -	Joiuble							
Method: 300.0 - Anions, Ion Chro Analyte	0	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa

Client: Tetra Tech, Inc. Job ID: 880-15895-1 Project/Site: Bear Booster 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

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	K 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 (DR	O) (GC)							
Analyte	•	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 Rang	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	Result <50.0		RL 50.0	MDL	mg/Kg	<u>D</u>	Prepared 06/15/22 08:49	Analyzed 06/15/22 14:03	
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over		U		MDL		<u>D</u>	<u>-</u>		1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0 <50.0	U	50.0	MDL	mg/Kg	<u>D</u>	06/15/22 08:49 06/15/22 08:49	06/15/22 14:03 06/15/22 14:03	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<50.0	U	50.0	MDL	mg/Kg	<u>D</u>	06/15/22 08:49	06/15/22 14:03	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0 <50.0 <50.0 %Recovery	U U U Qualifier	50.0	MDL	mg/Kg	<u>D</u>	06/15/22 08:49 06/15/22 08:49	06/15/22 14:03 06/15/22 14:03	1 1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.0 <50.0 <50.0	U U U Qualifier	50.0 50.0 50.0	MDL	mg/Kg	<u>D</u>	06/15/22 08:49 06/15/22 08:49 06/15/22 08:49	06/15/22 14:03 06/15/22 14:03 06/15/22 14:03	1 1 1 Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	<50.0 <50.0 <50.0 <8Recovery	U U U Qualifier	50.0 50.0 50.0 <i>Limits</i>	MDL	mg/Kg	<u>D</u>	06/15/22 08:49 06/15/22 08:49 06/15/22 08:49 Prepared	06/15/22 14:03 06/15/22 14:03 06/15/22 14:03 Analyzed	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<50.0 <50.0 <50.0 <8Recovery 68 66	U U Qualifier S1- S1-	50.0 50.0 50.0 Limits 70 - 130	MDL	mg/Kg	<u>D</u>	06/15/22 08:49 06/15/22 08:49 06/15/22 08:49 Prepared 06/15/22 08:49	06/15/22 14:03 06/15/22 14:03 06/15/22 14:03 Analyzed 06/15/22 14:03	Dil Fac 1 1 Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<50.0 <50.0 <50.0 <50.0 %Recovery 68 66 comatography -	U U Qualifier S1- S1-	50.0 50.0 50.0 Limits 70 - 130	MDL	mg/Kg mg/Kg mg/Kg	<u>D</u>	06/15/22 08:49 06/15/22 08:49 06/15/22 08:49 Prepared 06/15/22 08:49	06/15/22 14:03 06/15/22 14:03 06/15/22 14:03 Analyzed 06/15/22 14:03	1 1 1 1 1 Dil Fac

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

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

Released to Imaging: 7/19/2022 11:57:09 AM

Client Sample ID: BH-26

Date Collected: 06/14/22 00:00

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

Job ID: 880-15895-1

SDG: Eddy County, New Mexico

Lab Sample ID: 880-15895-26

Matrix: Solid

06/20/22 12:35

Method: Total BTEX - Total BTE	A 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 Rang	e Organics (DR	O) (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
Analyte Gasoline Range Organics	Result <49.9	Qualifier U	RL 49.9	MDL	Unit mg/Kg	<u>D</u>	Prepared 06/15/22 08:49	Analyzed 06/15/22 14:24	Dil Fa
-				MDL		D			Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over		U		MDL		<u>D</u>			Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	MDL	mg/Kg	<u>D</u>	06/15/22 08:49	06/15/22 14:24	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.9 <49.9	U U	49.9	MDL	mg/Kg	<u>D</u>	06/15/22 08:49 06/15/22 08:49	06/15/22 14:24 06/15/22 14:24	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<49.9 <49.9 <49.9	U U	49.9 49.9	MDL	mg/Kg	<u> </u>	06/15/22 08:49 06/15/22 08:49 06/15/22 08:49	06/15/22 14:24 06/15/22 14:24 06/15/22 14:24	

5.01 Client Sample ID: BH-27 Lab Sample ID: 880-15895-27

mg/Kg

Date Collected: 06/14/22 00:00

39.5

Date Received: 06/15/22 08:15

Chloride

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	
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	06/17/22 21:18	•
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	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)			70 - 130				06/15/22 16:00	06/17/22 21:18	
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BT			70 - 130				06/15/22 16:00	06/17/22 21:18	
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BT Analyte	TEX Calculation	Qualifier U	70 - 130 RL 0.00399	MDL	Unit mg/Kg	<u>D</u>	06/15/22 16:00 Prepared	06/17/22 21:18 Analyzed 06/17/22 09:21	
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran	TEX Calculation Result <0.00399 age Organics (DR	U (GC)	RL		mg/Kg	<u> </u>	Prepared	Analyzed 06/17/22 09:21	Dil Fac
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte	Calculation Result <0.00399 nge Organics (DRO Result	U O) (GC) Qualifier			mg/Kg	<u>D</u>		Analyzed 06/17/22 09:21 Analyzed	Dil Fa
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH Method: 8015B NM - Diesel Ran	rex Calculation Result <0.00399 rige Organics (DR) Result <49.9 range Organics (DI)	O) (GC) Qualifier U	RL 0.00399 RL 49.9	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 06/17/22 09:21 Analyzed 06/16/22 09:49	Dil Fac
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH Method: 8015B NM - Diesel Ran Analyte	rex Calculation Result <0.00399 age Organics (DR Result <49.9 ange Organics (D Result	O) (GC) Qualifier U RO) (GC) Qualifier	RL 0.00399 RL 49.9	MDL	mg/Kg Unit mg/Kg Unit	<u> </u>	Prepared Prepared	Analyzed 06/17/22 09:21 Analyzed 06/16/22 09:49 Analyzed	Dil Fac
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH Method: 8015B NM - Diesel Ran	rex Calculation Result <0.00399 rige Organics (DR) Result <49.9 range Organics (DI)	O) (GC) Qualifier U RO) (GC) Qualifier	RL 0.00399 RL 49.9	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 06/17/22 09:21 Analyzed 06/16/22 09:49	Dil Fac

Eurofins Midland

Matrix: Solid

6/21/2022

Client: Tetra Tech, Inc.

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

Project/Site: Bear Booster **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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 21:45	
Toluene	< 0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 21:45	
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 21:45	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 16:00	06/17/22 21:45	
o-Xylene	< 0.00199	U	0.00199		mg/Kg		06/15/22 16:00	06/17/22 21:45	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 16:00	06/17/22 21:45	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	121		70 - 130				06/15/22 16:00	06/17/22 21:45	
1,4-Difluorobenzene (Surr)	93		70 - 130				06/15/22 16:00	06/17/22 21:45	
Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/17/22 09:21	
	<50.0		50.0		mg/Kg	_ =		06/16/22 09:49	
Analyte Total TPH		Qualifier U	RL		Unit mg/Kg	<u>D</u>	Prepared	Analyzed 06/16/22 09:49	Dil Fa
Method: 8015B NM - Diesel Ran	ge Organics (Di	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	Result < 50.0		RL 50.0	MDL	Unit mg/Kg	<u>D</u>	Prepared 06/15/22 08:49	Analyzed 06/15/22 15:08	Dil Fa
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over		U		MDL		<u>D</u>			Dil Fa
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0	U U	50.0	MDL	mg/Kg	<u>D</u>	06/15/22 08:49	06/15/22 15:08	
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.0 <50.0	U U	50.0	MDL	mg/Kg	<u>D</u>	06/15/22 08:49 06/15/22 08:49	06/15/22 15:08 06/15/22 15:08	
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	<50.0 <50.0 <50.0	U U	50.0 50.0 50.0	MDL	mg/Kg	<u>D</u>	06/15/22 08:49 06/15/22 08:49 06/15/22 08:49	06/15/22 15:08 06/15/22 15:08 06/15/22 15:08	
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<50.0 <50.0 <50.0 %Recovery	U U	50.0 50.0 50.0 <i>Limits</i>	MDL	mg/Kg	<u>D</u>	06/15/22 08:49 06/15/22 08:49 06/15/22 08:49 Prepared	06/15/22 15:08 06/15/22 15:08 06/15/22 15:08 Analyzed	
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<50.0 <50.0 <50.0 %Recovery 102 102	U U U Qualifier	50.0 50.0 50.0 Limits 70 - 130	MDL	mg/Kg	<u>D</u>	06/15/22 08:49 06/15/22 08:49 06/15/22 08:49 Prepared 06/15/22 08:49	06/15/22 15:08 06/15/22 15:08 06/15/22 15:08 Analyzed 06/15/22 15:08	
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<50.0 <50.0 <50.0 <50.0 %Recovery 102 102 romatography -	U U U Qualifier	50.0 50.0 50.0 Limits 70 - 130		mg/Kg	<u>D</u>	06/15/22 08:49 06/15/22 08:49 06/15/22 08:49 Prepared 06/15/22 08:49	06/15/22 15:08 06/15/22 15:08 06/15/22 15:08 Analyzed 06/15/22 15:08	Dil Fa

Client: Tetra Tech, Inc. Job ID: 880-15895-1 Project/Site: Bear Booster 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

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	
Toluene	< 0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 14:27	•
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 14:27	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/22 16:05	06/16/22 14:27	,
o-Xylene	< 0.00199	U	0.00199		mg/Kg		06/15/22 16:05	06/16/22 14:27	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/22 16:05	06/16/22 14:27	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	112		70 - 130				06/15/22 16:05	06/16/22 14:27	
1,4-Difluorobenzene (Surr)	93		70 - 130				06/15/22 16:05	06/16/22 14:27	
- 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 Analyte	Result	Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	Dil Fa
Total TPH	- Kesult		50.0	WIDE	mg/Kg			06/16/22 09:49	
Method: 8015B NM - Diesel Rang	ne Organics (D	RO) (GC)							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0		50.0		mg/Kg	— <u> </u>	06/15/22 08:49	06/15/22 15:30	
5 5	00.0		00.0		9/.19		00/10/22 00:10	00/10/22 10:00	
(GRO)-C6-C10	<50.0	H	50.0		mg/Kg		06/15/22 08:49	06/15/22 15:30	
(GRO)-C6-C10 Diesel Range Organics (Over	00.0	O	50.0						•
,	00.0	Ü	50.0						•
Diesel Range Organics (Over	<50.0		50.0		mg/Kg		06/15/22 08:49	06/15/22 15:30	
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate		U	50.0 <i>Limits</i>		mg/Kg		Prepared	Analyzed	,
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg				Dil Fac
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.0	U	50.0 <i>Limits</i>		mg/Kg		Prepared	Analyzed	Dil Fa
Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<50.0 **Recovery 78 80	U Qualifier	50.0 Limits 70 - 130		mg/Kg		Prepared 06/15/22 08:49	Analyzed 06/15/22 15:30	Dil Fac
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<50.0 **Recovery 78 80 omatography -	U Qualifier	50.0 Limits 70 - 130	MDL		D	Prepared 06/15/22 08:49	Analyzed 06/15/22 15:30	Dil Fac

Client Sample ID: BH-30 Lab Sample ID: 880-15895-30 **Matrix: Solid**

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

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

Client Sample ID: BH-30 Date Collected: 06/14/22 00:00

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

Job ID: 880-15895-1

SDG: Eddy County, New Mexico

Lab Sample ID: 880-15895-30

Matrix: Solid

06/20/22 13:12

Matrix: Solid

	Calculation	_							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/17/22 09:21	•
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<49.9	U	49.9		mg/Kg			06/16/22 09:49	
Method: 8015B NM - Diesel Rang Analyte		RO) (GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<49.9		49.9		mg/Kg		06/15/22 08:49	06/15/22 15:51	
(GRO)-C6-C10									
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 15:51	•
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 15:51	
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
Surrogate	7011CCOVCI y		70 - 130				06/15/22 08:49	06/15/22 15:51	
Surrogate 1-Chlorooctane	78		70 - 130						

Client Sample ID: BH-31 Lab Sample ID: 880-15895-31

4.98

mg/Kg

Date Collected: 06/14/22 00:00

189

Date F	Recei	ved:	06/15/2	2 08:15
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Chloride

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)			70 - 130				06/15/22 16:05	06/16/22 15:08	1
1,4-Difluorobenzene (Surr) : : Method: Total BTEX - Total BTE			70 - 130				06/15/22 16:05	06/16/22 15:08	
Method: Total BTEX - Total BTE Analyte	EX Calculation Result	Qualifier	RL	MDL	Unit ma/Ka	<u>D</u>	06/15/22 16:05 Prepared	Analyzed	
Method: Total BTEX - Total BTE Analyte Total BTEX	EX Calculation Result <0.00399	U		MDL	Unit mg/Kg	<u>D</u>			
	EX Calculation Result <0.00399 ge Organics (DR0)	U	RL			<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte	EX Calculation Result <0.00399 ge Organics (DR0)	U O) (GC) Qualifier			mg/Kg		Prepared	Analyzed 06/17/22 09:21	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang	EX Calculation Result <0.00399 ge Organics (DRO Result <50.0	O) (GC) Qualifier			mg/Kg		Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH	EX Calculation Result <0.00399 ge Organics (DRO Result <50.0 nge Organics (DI	O) (GC) Qualifier		MDL	mg/Kg		Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH Method: 8015B NM - Diesel Rang	EX Calculation Result <0.00399 ge Organics (DRO Result <50.0 nge Organics (DI	O) (GC) Qualifier U RO) (GC) Qualifier	RL 0.00399 RL 50.0	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 06/17/22 09:21 Analyzed 06/16/22 09:49	Dil Fac

Job ID: 880-15895-1

Client: Tetra Tech, Inc. SDG: Eddy County, New Mexico Project/Site: Bear Booster

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

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

Client Sample ID: BH-32 Lab Sample ID: 880-15895-32 Date Collected: 06/14/22 00:00 **Matrix: Solid**

Method: 8021B - Volatile Organi	c Compounds (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
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
Analyte	Result	Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	
Analyte Total BTEX	<0.00398	U	RL	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 06/17/22 09:21	
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte	Result <0.00398	U		MDL MDL	mg/Kg	<u>D</u>	Prepared Prepared		1
Analyte Total BTEX Method: 8015 NM - Diesel Range	Result <0.00398	O) (GC) Qualifier	0.00398		mg/Kg		· · ·	06/17/22 09:21	Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte	Result <0.00398	U (GC) Qualifier U	0.00398		mg/Kg		· · ·	06/17/22 09:21 Analyzed	Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Ran	Result <0.00398 e Organics (DR) Result <50.0 ge Organics (DI)	U (GC) Qualifier U	0.00398		mg/Kg Unit mg/Kg		· · ·	06/17/22 09:21 Analyzed	Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Ran Analyte Gasoline Range Organics	Result <0.00398 e Organics (DR) Result <50.0 ge Organics (DI)	U O) (GC) Qualifier U RO) (GC) Qualifier	0.00398 RL 50.0	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	06/17/22 09:21 Analyzed 06/16/22 09:49	Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Ran Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	e Organics (DR) Result <50.0 ge Organics (DR) Result <50.0 Result <60.0 Result <60.0 Result	U O) (GC) Qualifier U RO) (GC) Qualifier U	0.00398 RL 50.0	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	06/17/22 09:21 Analyzed 06/16/22 09:49 Analyzed	Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Ran Analyte Gasoline Range Organics (GRO)-C6-C10	Result	U O) (GC) Qualifier U RO) (GC) Qualifier U	0.00398 RL 50.0 RL 50.0	MDL	mg/Kg Unit mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared 06/15/22 08:49	06/17/22 09:21 Analyzed 06/16/22 09:49 Analyzed 06/15/22 16:56	Dil Fac Dil Fac 1 Dil Fac 1 1 1 1

Eurofins Midland

06/15/22 16:56

06/15/22 16:56

Analyzed

06/20/22 14:16

06/15/22 08:49

06/15/22 08:49

Prepared

70 - 130

70 - 130

RL

4.98

MDL Unit

mg/Kg

89

87

39.1

Result Qualifier

Dil Fac

Method: 300.0 - Anions, Ion Chromatography - Soluble

1-Chlorooctane

o-Terphenyl

Analyte

Chloride

Client: Tetra Tech, Inc. Job ID: 880-15895-1 Project/Site: Bear Booster SDG: Eddy County, New Mexico

Lab Sample ID: 880-15895-33 **Client Sample ID: BH-33**

Date Collected: 06/14/22 00:00 Matrix: Solid Date Received: 06/15/22 08:15

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	
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 15:49	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 15:49	
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/15/22 16:05	06/16/22 15:49	
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 15:49	
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/15/22 16:05	06/16/22 15:49	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	115		70 - 130				06/15/22 16:05	06/16/22 15:49	-
1,4-Difluorobenzene (Surr)	95		70 - 130				06/15/22 16:05	06/16/22 15:49	
Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Analyte Total TPH	Result <49.9	Qualifier U	RL 49.9	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 06/16/22 09:49	Dil Fa
			10.0		mg/rtg			00/10/22 00:10	
Method: 8015B NM - Diesel Rang Analyte		Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<49.9		49.9		mg/Kg	_ =	06/15/22 08:49	06/15/22 17:18	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 17:18	
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 17:18	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	84		70 - 130				06/15/22 08:49	06/15/22 17:18	
o-Terphenyl	86		70 - 130				06/15/22 08:49	06/15/22 17:18	
Method: 300.0 - Anions, Ion Chro	0.,								
		O 1161	D.I.	ME	I Imié		Danasa	A II	DILE-
Analyte Chloride	_ Result	Qualifier	RL	MDL	mg/Kg	<u>D</u>	Prepared	Analyzed 06/20/22 14:25	Dil Fa

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

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

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 880-15895-1 Project/Site: Bear Booster SDG: Eddy County, New Mexico

Client Sample ID: BH-34

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15 Lab Sample ID: 880-15895-34

Matrix: Solid

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 (DR	O) (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 Rang	ne Organics (D	RO) (GC)							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 17:39	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 17:39	1
C10-C28)									
Oll 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 Chro	omatography -	Soluble							
Analyte		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 **Matrix: Solid**

Date Collected: 06/14/22 00:00

Date Received: 06/15/22 08:15

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)			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 BT	TEX Calculation								
Method: Total BTEX - Total B		Qualifier	RI	MDI	Unit	n	Prepared	A nalyzed	Dil Fac
Analyte		Qualifier	RL	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 06/17/22 09:21	Dil Fac
Analyte Total BTEX	<0.00401	U		MDL		<u>D</u>	Prepared		Dil Fac
Analyte	Result <0.00401 nge Organics (DR)	U				<u>D</u>	Prepared Prepared		1
Analyte Total BTEX Method: 8015 NM - Diesel Rar	Result <0.00401 nge Organics (DR)	O) (GC) Qualifier	0.00401		mg/Kg			06/17/22 09:21	1
Analyte Total BTEX Method: 8015 NM - Diesel Rar Analyte	Result <0.00401 organics (DR) Result <50.0	O) (GC) Qualifier	0.00401		mg/Kg			06/17/22 09:21 Analyzed	1
Analyte Total BTEX Method: 8015 NM - Diesel Rar Analyte Total TPH	nge Organics (DR) Result <50.0 ange Organics (DR)	O) (GC) Qualifier	0.00401		mg/Kg Unit mg/Kg			06/17/22 09:21 Analyzed	Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Rar Analyte Total TPH Method: 8015B NM - Diesel Rar	nge Organics (DR) Result <50.0 ange Organics (DR)	O) (GC) Qualifier U RO) (GC) Qualifier	0.00401 RL 50.0	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	06/17/22 09:21 Analyzed 06/16/22 09:49	Dil Fac Dil Fac 1 Dil Fac 1

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C10-C28)

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

Client Sample ID: BH-35

Client: Tetra Tech, Inc.

Project/Site: Bear Booster

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15 Lab Sample ID: 880-15895-35

Matrix: Solid

Method: 8015B NM - Diesel Rai	nge Organics (DRO) (GC) (Cont	inued)
Δnalvto	Result Qualifier	RI

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll 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
Surrogate 1-Chlorooctane		Qualifier S1-	70 - 130				Prepared 06/15/22 08:49	Analyzed 06/15/22 18:01	Dil Fac

	Method: 300.0 - Anions, Ion Chrom	atography -	Soluble							
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Į	Chloride	17.6		4.95		mg/Kg			06/20/22 15:48	1

Client Sample ID: SW-1

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15 Lab Sample ID: 880-15895-36

Matrix: Solid

Method: 8021B - Volatile Orga	inic 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
4.4.0%	00		70 400				00/45/00 40 05	00/40/00 47 50	

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4-Bromofluorobenzene (Surr)	108	70 - 130	06/15	5/22 16:05	06/16/22 17:53	1
1,4-Difluorobenzene (Surr)	92	70 - 130	06/15	5/22 16:05	06/16/22 17:53	1
Г., . , <u> </u>						

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, of 190 MM - Dieser Kang	Je Organics (D	10) (00)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 18:23	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 18:23	1
C10-C28)									
OII 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

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 Ch	romatography - Soluble

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

Job ID: 880-15895-1

SDG: Eddy County, New Mexico

Lab Sample ID: 880-15895-37

Matrix: Solid

Client Sample ID: SW-2 Date Collected: 06/14/22 00:00

Date Received: 06/15/22 08:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 18:14	-
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 18:14	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 18:14	
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/15/22 16:05	06/16/22 18:14	
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 18:14	
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/15/22 16:05	06/16/22 18:14	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	100		70 - 130				06/15/22 16:05	06/16/22 18:14	
1,4-Difluorobenzene (Surr)	89		70 - 130				06/15/22 16:05	06/16/22 18:14	
Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/17/22 09:21	
Method: 8015 NM - Diesel Range Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.0		50.0		mg/Kg			06/16/22 09:49	
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 18:45	
(GRO)_C6_C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 18:45	
Diesel Range Organics (Over C10-C28)	<50.0 <50.0				mg/Kg mg/Kg		06/15/22 08:49 06/15/22 08:49	06/15/22 18:45 06/15/22 18:45	
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)			50.0						
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.0	U	50.0				06/15/22 08:49	06/15/22 18:45	
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<50.0 **Recovery 55	∪ Qualifier	50.0 50.0 <i>Limits</i>				06/15/22 08:49 Prepared	06/15/22 18:45 Analyzed	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: 300.0 - Anions, Ion Chro	<50.0 **Recovery 55 48	Qualifier S1- S1-	50.0 50.0 <u>Limits</u> 70 - 130				06/15/22 08:49 Prepared 06/15/22 08:49	06/15/22 18:45 Analyzed 06/15/22 18:45	Dil Fa
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<50.0 **Recovery 55 48 **pmatography -	Qualifier S1- S1-	50.0 50.0 <u>Limits</u> 70 - 130	MDL		D	06/15/22 08:49 Prepared 06/15/22 08:49	06/15/22 18:45 Analyzed 06/15/22 18:45	Dil Fa

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

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

Client Sample Results

Client: Tetra Tech, Inc. Job ID: 880-15895-1 Project/Site: Bear Booster 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

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 (DR	O) (GC)							
Analyte	•	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	e Organics (Di	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 19:06	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 19:06	1
C10-C28)									
OII 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 Chro	matography -	Soluble							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	213		5.05		mg/Kg			06/20/22 16:16	

Client Sample ID: SW-4 Lab Sample ID: 880-15895-39 **Matrix: Solid**

Date Collected: 06/14/22 00:00

Date Received: 06/15/22 08:15

Released to Imaging: 7/19/2022 11:57:09 AM

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	
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 18:55	•
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:05	06/16/22 18:55	•
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)			70 - 130				06/15/22 16:05	06/16/22 18:55	1
	91		70 - 130				06/15/22 16:05	06/16/22 18:55	1
Method: Total BTEX - Total BT	EX Calculation	Qualifier		MDL	Unit	D			
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BT			70 - 130				00/10/22 10:00	00,10,22,70.00	
• • • • • • • • • • • • • • • • • • • •	EX Calculation		RL 0.00399	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 06/17/22 09:21	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX	TEX Calculation Result <0.00399	U	RL	MDL		<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte	EX Calculation Result <0.00399 age Organics (DR0	U	RL	MDL MDL	mg/Kg	<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran	EX Calculation Result <0.00399 age Organics (DR0	U O) (GC) Qualifier	RL		mg/Kg		Prepared	Analyzed 06/17/22 09:21	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte	rex Calculation Result <0.00399 age Organics (DRO Result <50.0	O) (GC) Qualifier	RL		mg/Kg		Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH	rex Calculation Result quantities of the control	O) (GC) Qualifier	RL		mg/Kg Unit mg/Kg		Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH Method: 8015B NM - Diesel Ra	rex Calculation Result quantities of the control	O) (GC) Qualifier U RO) (GC) Qualifier	RL 0.00399 RL 50.0	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 06/17/22 09:21 Analyzed 06/16/22 09:49	Dil Fac

Job ID: 880-15895-1

Client: Tetra Tech, Inc. Project/Site: Bear Booster SDG: Eddy County, New Mexico

Lab Sample ID: 880-15895-39

Client Sample ID: SW-4 Date Collected: 06/14/22 00:00

Matrix: Solid

Date Received: 06/15/22 08:15

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

Client Sample ID: SW-5 Lab Sample ID: 880-15895-40

Date Collected: 06/14/22 00:00

Date Received: 06/15/22 08:15

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Wicthod: 0021D - Volatile Orga	inic compounds ((30)							
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
4 4 5 7 4 4 4 4 4 4			70 100				00/45/00 40 05	00/10/00 10 15	

Surrogate	minecovery qualifier	Lillits	riepaieu	Allalyzeu	Diriac
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
Mothod: Total BTEV Total BTEV	Palaulatian				

	Method: Total BTEX - Total BTEX C	alculation								
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Į	Total BTEX	<0.00398	U	0.00398		mg/Kg			06/17/22 09:21	1

Method: 8015 NM - Diesel Range O	rganics (DR	O) (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
 -									

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 19:50	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		06/15/22 08:49	06/15/22 19:50	1
C10-C28)									
Oll 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-Ternhenyl	70		70 130				06/15/22 08:49	06/15/22 19:50	1

Method: 300.0 - Anions, Ion Chroma	atography -	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

6/21/2022

Client Sample ID: SW-6

Date Collected: 06/14/22 00:00

Date Received: 06/15/22 08:15

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

Job ID: 880-15895-1

SDG: Eddy County, New Mexico

Lab Sample ID: 880-15895-41

Matrix: Solid

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	X 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	e Organics (DR	O) (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 Ran	ge Organics (D	RO) (GC)							
Analyte									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	Result <50.0		RL 50.0	MDL	mg/Kg	<u>D</u>	Prepared 06/15/22 08:52	Analyzed 06/15/22 15:08	
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over		U *1		MDL		<u> </u>	<u>.</u>		1
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	MDL	mg/Kg	<u>D</u>	06/15/22 08:52	06/15/22 15:08	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0 <50.0	U*1 U	50.0	MDL	mg/Kg	<u>D</u>	06/15/22 08:52 06/15/22 08:52	06/15/22 15:08 06/15/22 15:08	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.0 <50.0 <50.0	U*1 U	50.0 50.0 50.0	MDL	mg/Kg	<u>D</u>	06/15/22 08:52 06/15/22 08:52 06/15/22 08:52	06/15/22 15:08 06/15/22 15:08 06/15/22 15:08	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate	<50.0 <50.0 <50.0 %Recovery	U*1 U	50.0 50.0 50.0 <i>Limits</i>	MDL	mg/Kg	<u> </u>	06/15/22 08:52 06/15/22 08:52 06/15/22 08:52 Prepared	06/15/22 15:08 06/15/22 15:08 06/15/22 15:08 Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<50.0 <50.0 <50.0 %Recovery 96 115	U *1 U U Qualifier	50.0 50.0 50.0 Limits 70 - 130	MDL	mg/Kg	<u>D</u>	06/15/22 08:52 06/15/22 08:52 06/15/22 08:52 Prepared 06/15/22 08:52	06/15/22 15:08 06/15/22 15:08 06/15/22 15:08 Analyzed 06/15/22 15:08	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Client Sample ID: SW-7 Lab Sample ID: 880-15895-42 **Matrix: Solid**

25.3

mg/Kg

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

554

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

06/19/22 07:58

Chloride

Client Sample ID: SW-7

Date Collected: 06/14/22 00:00

Date Received: 06/15/22 08:15

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

Job ID: 880-15895-1

SDG: Eddy County, New Mexico

Lab Sample ID: 880-15895-42

06/15/22 08:52 06/15/22 15:30

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg		<u>-</u>	06/17/22 09:21	
Method: 8015 NM - Diese	I Range Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
raidiyto									

Allaryto	rtoouit	Qualifici		mbe ome	_	i i opai oa	rilalyzou	Dii i uo
Gasoline Range Organics	<49.9	U *1	49.9	mg/Kg		06/15/22 08:52	06/15/22 15:30	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<49.9	U	49.9	mg/Kg		06/15/22 08:52	06/15/22 15:30	1
C10-C28)								
OII 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

Method: 300.0 - Anions, Ion Chron	natography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102	5.05	mg/Kg			06/19/22 08:25	1

70 - 130

130

<50.0 U

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

o-Terphenyl

Total TPH

Method: 8021B - Volatile Orga Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
				MIDL		_ =			- Dil i ac
Benzene	<0.00200		0.00200		mg/Kg		06/15/22 16:05	06/16/22 20:17	i i
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 BT	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total RTEY	<0.00300	П	0.00300		ma/Ka			06/17/22 00:21	1

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Method: 8015 NM - Diesel Rang	ue Organics (DPO) (GC)						
Total BTEX	<0.00399 U	0.00399	mg/Kg			06/17/22 09:21	1

50.0

mg/Kg

 Method: 8015B NM - Diesel Ran	ge Organics (D	RO) (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

06/16/22 09:49

Job ID: 880-15895-1

Client: Tetra Tech, Inc. Project/Site: Bear Booster SDG: Eddy County, New Mexico

Lab Sample ID: 880-15895-43 **Client Sample ID: SW-8** Matrix: Solid

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll 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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:23	06/16/22 13:23	
Toluene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:23	06/16/22 13:23	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:23	06/16/22 13:23	
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/16/22 08:23	06/16/22 13:23	
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:23	06/16/22 13:23	
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/16/22 08:23	06/16/22 13:23	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	85		70 - 130				06/16/22 08:23	06/16/22 13:23	
1,4-Difluorobenzene (Surr)	108		70 - 130				06/16/22 08:23	06/16/22 13:23	
· Method: Total BTEX - Total BTEX	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/17/22 09:21	
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Analyte Total TPH	Result <50.0		RL 50.0	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 06/16/22 09:49	Dil Fa
`	<50.0	U		MDL		<u>D</u>	Prepared		Dil Fa
Total TPH	<50.0 ge Organics (D	RO) (GC) Qualifier	50.0		mg/Kg	<u>D</u>	Prepared	06/16/22 09:49 Analyzed	
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	<50.0	RO) (GC) Qualifier	50.0		mg/Kg	<u> </u>		06/16/22 09:49	
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<50.0 ge Organics (D	U RO) (GC) Qualifier U *1	50.0		mg/Kg	<u> </u>	Prepared	06/16/22 09:49 Analyzed	
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0 ge Organics (Digital Result < 50.0	RO) (GC) Qualifier U*1	50.0 RL 50.0		mg/Kg Unit mg/Kg	<u> </u>	Prepared 06/15/22 08:52	06/16/22 09:49 Analyzed 06/15/22 16:13	
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0 ge Organics (Di Result <50.0 <50.0	CO (GC) Qualifier U *1 U	50.0 RL 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 06/15/22 08:52 06/15/22 08:52	06/16/22 09:49 Analyzed 06/15/22 16:13 06/15/22 16:13	Dil Fa
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	<50.0 ge Organics (D) Result <50.0 <50.0	CO (GC) Qualifier U *1 U	50.0 RL 50.0 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 06/15/22 08:52 06/15/22 08:52	06/16/22 09:49 Analyzed 06/15/22 16:13 06/15/22 16:13	Dil Fa
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<50.0 ge Organics (D) Result <50.0 <50.0 <50.0 %Recovery	CO (GC) Qualifier U *1 U	50.0 RL 50.0 50.0 50.0 Limits		mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 06/15/22 08:52 06/15/22 08:52 06/15/22 08:52 Prepared	Analyzed 06/15/22 16:13 06/15/22 16:13 Analyzed	Dil Fa
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.0 ge Organics (D) Result <50.0 <50.0 <50.0 %Recovery 99 112	COOL (GC) Qualifier U*1 U Qualifier	50.0 RL 50.0 50.0 50.0 Limits 70 - 130		mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 06/15/22 08:52 06/15/22 08:52 06/15/22 08:52 Prepared 06/15/22 08:52	Analyzed 06/15/22 16:13 06/15/22 16:13 Analyzed 06/15/22 16:13	Dil Fa
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<50.0 ge Organics (D) Result <50.0 <50.0 <50.0 <50.0 <99 112 omatography -	COOL (GC) Qualifier U*1 U Qualifier	50.0 RL 50.0 50.0 50.0 Limits 70 - 130		mg/Kg Unit mg/Kg mg/Kg mg/Kg	<u> </u>	Prepared 06/15/22 08:52 06/15/22 08:52 06/15/22 08:52 Prepared 06/15/22 08:52	Analyzed 06/15/22 16:13 06/15/22 16:13 Analyzed 06/15/22 16:13	Dil Fa

Date Received: 06/15/22 08:15

Job ID: 880-15895-1

Client: Tetra Tech, Inc. Project/Site: Bear Booster SDG: Eddy County, New Mexico

Lab Sample ID: 880-15895-45 **Client Sample ID: SW-10** Date Collected: 06/14/22 00:00

Matrix: Solid

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	
Toluene	< 0.00199	U	0.00199		mg/Kg		06/16/22 08:23	06/16/22 13:44	,
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		06/16/22 08:23	06/16/22 13:44	,
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/16/22 08:23	06/16/22 13:44	
o-Xylene	< 0.00199	U	0.00199		mg/Kg		06/16/22 08:23	06/16/22 13:44	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/16/22 08:23	06/16/22 13:44	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	94		70 - 130				06/16/22 08:23	06/16/22 13:44	
1,4-Difluorobenzene (Surr)	108		70 - 130				06/16/22 08:23	06/16/22 13:44	:
- Method: Total BTEX - Total BTEX	X 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	
Method: 8015 NM - Diesel Range Analyte	Result	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/16/22 09:49	
- Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (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	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/22 08:52	06/15/22 17:19	,
,		11	49.9		mg/Kg		06/15/22 08:52	06/15/22 17:19	
OII Range Organics (Over C28-C36)	<49.9	U	49.9		99			00/10/22 17:10	,
Oll Range Organics (Over C28-C36) Surrogate	<49.9 %Recovery		49.9 Limits				Prepared	Analyzed	Dil Fac
,									
Surrogate 1-Chlorooctane	%Recovery		Limits				Prepared	Analyzed	Dil Fac
Surrogate		Qualifier	Limits 70 - 130				Prepared 06/15/22 08:52	Analyzed 06/15/22 17:19	Dil Fac
Surrogate 1-Chlorooctane o-Terphenyl	%Recovery 91 105 omatography -	Qualifier	Limits 70 - 130	MDL	Unit	D	Prepared 06/15/22 08:52	Analyzed 06/15/22 17:19	Dil Fac

Surrogate Summary

Client: Tetra Tech, Inc.

Job ID: 880-15895-1

Project/Site: Bear Booster

SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

latrix: Solid Prep Type: Total/NA

Matrix: Solid				Prep Type: Total/NA
				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(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		
	SW-5	113	91 94	
880-15895-40 880-15895-41				
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	

Eurofins Midland

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Surrogate Summary

Client: Tetra Tech, Inc.

Job ID: 880-15895-1

Project/Site: Bear Booster

SDG: Eddy County, New Mexico

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

Matrix: Solid Prep Type: Total/NA

		BFB1	DFBZ1	Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	(70-130)	(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)

Matrix: Solid

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

				Percent Surrogate Recovery (Accept
		1001	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(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	

Eurofins Midland

Prep Type: Total/NA

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 880-15895-1 Project/Site: Bear Booster SDG: Eddy County, New Mexico

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Re	ecove
		1001	OTPH1		
Lab Sample ID	Client Sample ID	(70-130)	(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		
380-15895-20	BH-20	97	107		
380-15895-21	BH-21	97	95		
880-15895-21 MS	BH-21	98	91		
380-15895-21 MSD	BH-21	76	72		
880-15895-22	BH-22	72	71		
380-15895-23	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		
380-15895-30	BH-30	78	81		
80-15895-31	BH-31	86	90		
380-15895-32	BH-32	89	87		
380-15895-33	BH-33	84	86		
80-15895-34	BH-34	112	111		
880-15895-35	BH-35	62 S1-	56 S1-		
	SW-1	80	82		
380-15895-36					
380-15895-37	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		
380-15895-41	SW-6	96	115		
880-15895-42	SW-7	113	130		
380-15895-43	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		

OTPH = o-Terphenyl

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

Method: 8021B - Volatile Organic Compounds (GC)

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

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

Analysis Batch: 27651

Matrix: Solid

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27627

	IVID	IVID							
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 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

MB MB

MD MD

Surrogate	%Recovery	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

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27627

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

LCS LCS

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

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Matrix: Solid

Analysis Batch: 27651

Analysis Batch: 27651

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

Prep Type: Total/NA Prep Batch: 27627

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%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

LCSD LCSD

Surrogate	%Recovery	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

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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. Job ID: 880-15895-1 SDG: Eddy County, New Mexico Project/Site: Bear Booster

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

Lab Sample ID: 880-15721-A-13-D MS Client Sample ID: Matrix Spike Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 27651

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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	

MS MS

Surrogate	%Recovery	Qualifier	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

Prep Batch: 27627

Sample Sample Spike MSD MSD Result Qualifier Added Result Qualifier Limits RPD Limit Analyte Unit %Rec 0.0994 Benzene <0.00200 U 0.09204 mg/Kg 93 70 - 130 10 35 Toluene <0.00200 U 0.0994 0.09183 92 70 - 130 mg/Kg 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 95 70 - 130 35 mg/Kg 11 0.0994 o-Xylene <0.00200 U 0.1055 70 - 130 12 mg/Kg 106

MSD MSD

Surrogate	%Recovery Qualifier	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

MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/15/22 16:00	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

MB MB

Surrogate	%Recovery Qual	lifier 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

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%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

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

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

Matrix: Solid Analysis Batch: 27741 Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27628

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

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

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27628

Analysis Batch: 27741 Spike LCSD LCSD Analyte Added Result Qualifier Unit %Rec Limits **RPD** Benzene 0.100 0.09988 mg/Kg 100 70 - 130 10 Toluene 0.100 0.1025 mg/Kg 103 70 - 130 0 Ethylbenzene 0.100 0.1075 mg/Kg 107 70 - 130 3 m-Xylene & p-Xylene 0.200 0.2151 mg/Kg 108 70 - 130 0.100 0.1044 104 70 - 130 2 o-Xylene mg/Kg

Limit 35 35 35 35

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

Lab Sample ID: 880-15895-9 MS

Matrix: Solid

Matrix: Solid

Analysis Batch: 27741

Client Sample ID: BH-9 Prep Type: Total/NA

Prep Batch: 27628

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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	

MS MS

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

Lab Sample ID: 880-15895-9 MSD

Matrix: Solid

Analysis Ratch: 277/11

Client Sample ID: BH-9 Prep Type: Total/NA

Pron Ratch: 27628

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	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

QC Sample Results

Job ID: 880-15895-1 Client: Tetra Tech, Inc. Project/Site: Bear Booster 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

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

Lab Sample ID: MB 880-27629/5-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 27660

Prep Type: Total/NA

Prep Batch: 27629

MB MB

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac <0.00200 U 0.00200 06/15/22 16:05 06/16/22 12:23 Benzene mg/Kg Toluene <0.00200 U 0.00200 06/15/22 16:05 06/16/22 12:23 mg/Kg <0.00200 U 0.00200 06/15/22 16:05 06/16/22 12:23 Ethylbenzene mg/Kg m-Xylene & p-Xylene <0.00400 U 0.00400 mg/Kg 06/15/22 16:05 06/16/22 12:23 o-Xylene <0.00200 U 0.00200 mg/Kg 06/15/22 16:05 06/16/22 12:23 Xylenes, Total <0.00400 U 0.00400 mg/Kg 06/15/22 16:05 06/16/22 12:23

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 Client Sample ID: Lab Control Sample **Matrix: Solid**

Analysis Batch: 27660

Prep Type: Total/NA Prep Batch: 27629

LCS LCS Spike %Rec Added Result Qualifier Analyte Unit %Rec Limits Benzene 0.100 0.1137 114 70 - 130 mg/Kg 0.100 Toluene 0.1099 mg/Kg 110 70 - 130Ethylbenzene 0.100 0.1121 mg/Kg 112 70 - 130 0.200 0.2297 70 - 130 m-Xylene & p-Xylene mg/Kg 115 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

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

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

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

Client Sample ID: Matrix Spike Lab Sample ID: 880-15903-A-1-B MS

Matrix: Solid

Prep Type: Total/NA Analysis Batch: 27660 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 Client Sample ID: Matrix Spike Duplicate

o-Xylene

Analysis Batch: 27660

Matrix: Solid Prep Type: Total/NA Prep Batch: 27629

Sample Sample Spike MSD MSD %Rec **RPD** Limit Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits **RPD** Benzene <0.00200 0.100 0.07547 75 70 - 130 35 mg/Kg 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 35 <0.00401 U 0.200 0.1801 90 70 - 130 35 m-Xylene & p-Xylene mg/Kg 5

0.100

MSD MSD

<0.00200 U

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

Released to Imaging: 7/19/2022 11:57:09 AM

Analysis Batch: 27652

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

0.09119

Prep Batch: 27654

mg/Kg

	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
Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene	<0.00200 <0.00200 <0.00400 <0.00200	U U U	0.00200 0.00200 0.00400 0.00200		mg/Kg mg/Kg mg/Kg mg/Kg		06/16/22 08:23 06/16/22 08:23 06/16/22 08:23 06/16/22 08:23	06/16/22 13:01 06/16/22 13:01 06/16/22 13:01 06/16/22 13:01	

мв мв

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	8 06/16/22 13:01	1

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35

70 - 130

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 880-15895-1 SDG: Eddy County, New Mexico Project/Site: Bear Booster

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

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

Matrix: Solid

Analysis Batch: 27652

Client	Sample	ID:	Lab	Contro	I S	am	ıp	le
			_	_	_	_		

Prep Type: Total/NA Prep Batch: 27654

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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-Xvlene	0.100	0.08549		ma/Ka		85	70 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1.4-Difluorobenzene (Surr)	103		70 ₋ 130

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 880-27654/2-A **Matrix: Solid**

Analysis Batch: 27652

Prep Type: Total/NA

Prep Batch: 27654

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

LCSD LCSD

Surrogate	%Recovery	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

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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	

MS MS

Surrogate	%Recovery Qualifie	r 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 Sa	ample	ID: SW-9
Pren	Type:	Total/NA

Prep Batch: 27654

١		Sample	Sample	Spike	MSD	MSD				%Rec		RPD
	Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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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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

Sample Sample Spike MSD MSD %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** D <0.00401 U 0.199 0.1385 70 70 - 130 3 35 m-Xylene & p-Xylene mg/Kg o-Xylene <0.00200 0.0994 0.07544 mg/Kg 76 70 - 130 35

RPD Limit

MSD MSD

Qualifier Limits Surrogate %Recovery 70 - 130 4-Bromofluorobenzene (Surr) 87 109 70 - 130 1,4-Difluorobenzene (Surr)

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27796

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

Matrix: Solid

Analyte

Benzene

Toluene

o-Xylene

Ethylbenzene

Xylenes, Total

m-Xylene & p-Xylene

Analysis Batch: 27863

мв мв

<0.00200

<0.00200 U

<0.00200 U

<0.00400 U

<0.00200 U

<0.00400 U

Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac 0.00200 06/17/22 10:10 06/18/22 21:00 mg/Kg 0.00200 mg/Kg 06/17/22 10:10 06/18/22 21:00 06/18/22 21:00 0.00200 mg/Kg 06/17/22 10:10 0.00400 06/17/22 10:10 06/18/22 21:00 mg/Kg 06/18/22 21:00 0.00200 mg/Kg 06/17/22 10:10

mg/Kg

06/17/22 10:10

MB MB

MR MR

Surrogate	%Recovery Qualifier	Limits	Prep	oared Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99	70 - 130	06/17/2	22 10:10 06/18/22 21:	00 1
1,4-Difluorobenzene (Surr)	90	70 - 130	06/17/2	22 10:10 06/18/22 21:	00 1

0.00400

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

Matrix: Solid

Analysis Batch: 27863

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

06/18/22 21:00

Prep Batch: 27835

	IVID	IVID							
Analyte	Result	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

MB MB

Surrogate	%Recovery Quali	fier 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

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%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

Prep Batch: 27835

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 27835

QC Sample Results

Job ID: 880-15895-1 Client: Tetra Tech, Inc. Project/Site: Bear Booster SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-27835/1-A Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Solid Analysis Batch: 27863

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

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

Lab Sample ID: LCSD 880-27835/2-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 27863

Prep Batch: 27835 Spike LCSD LCSD RPD Analyte Added Result Qualifier Unit %Rec Limits Limit D 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 35 m-Xylene & p-Xylene 0.200 0.1445 mg/Kg 72 70 - 130 35 0.100 0.07582 76 70 - 130 35 o-Xylene mg/Kg

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

Lab Sample ID: 890-2406-A-18-F MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 27863

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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	

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

Lab Sample ID: 890-2406-A-18-G MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 27863 Prep Batch: 27835 Sample Sample Spike MSD MSD %Rec RPD Result Qualifier Result Qualifier Added Limit Analyte Unit %Rec Limits RPD Benzene <0.00201 U *-0.0994 0.07961 mg/Kg 80 70 - 130 14 35 0.0994 0.08216 Toluene <0.00201 U*-81 70 - 13035 mg/Kg 10 Ethylbenzene <0.00201 U *-0.0994 0.08488 mg/Kg 85 70 - 130 4 35 <0.00402 m-Xylene & p-Xylene U 0.199 0.1766 mg/Kg 87 70 - 1303 35 o-Xylene <0.00201 U 0.0994 0.08832 mg/Kg 88 70 - 130 3 35

Eurofins Midland

Prep Type: Total/NA

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

мв мв

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 10:47	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 10:47	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/22 08:46	06/15/22 10:47	1

MB MB

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	1000	735.0		mg/Kg		74	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	862.6		mg/Kg		86	70 - 130	
C10-C28)								

LCS LCS

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	1000	690.7	*_	mg/Kg	_	69	70 - 130	6	20	
(GRO)-C6-C10										
Diesel Range Organics (Over	1000	821.4		mg/Kg		82	70 - 130	5	20	
C40 C20\										

C10-C28)

LCSD LCSD

Surrogate	%Recovery Qual	lifier Limits
1-Chlorooctane	88	70 - 130
o-Terphenyl	100	70 - 130

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

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

<49.9 U *-

<49.9 U

Lab Sample ID: 880-15895-1 MS

Matrix: Solid

Analysis Batch: 27559

Gasoline Range Organics

Client Sample ID: BH-1
Prep Type: Total/NA
Pren Batch: 27553

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Unit %Rec Limits 998 927.2 mg/Kg 91 70 - 130

90

70 - 130

mg/Kg

Diesel Range Organics (Over C10-C28)

(GRO)-C6-C10

Analyte

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: 880-15895-1 MSD Client Sample ID: BH-1

998

910.1

Matrix: Solid

Analysis Batch: 27559

Prep Type: Total/NA

Prep Batch: 27553

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

MSD MSD

Surrogate	%Recovery 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

мв мв

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 10:47	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 10:47	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/22 08:49	06/15/22 10:47	1

MB MB

Surrogate	%Recovery	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

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

Project/Site: Bear Booster

Limits

70 - 130

70 - 130

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: Tetra Tech, Inc.

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27555

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

Matrix: Solid

Surrogate

o-Terphenyl

1-Chlorooctane

Analysis Batch: 27557

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27555

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit D %Rec Limits **RPD** Limit 1000 809.2 81 70 - 1305 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 882.5 88 mg/Kg 70 - 13020 C10-C28)

LCSD LCSD

Sample Sample

LCS LCS

%Recovery Qualifier

100

106

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

Lab Sample ID: 880-15895-21 MS Client Sample ID: BH-21 Matrix: Solid

Me Me

Analysis Batch: 27557

Prep Type: Total/NA

Prep Batch: 27555

	Sample	Sample	Spike	IVIO	IVIO				/orec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	<49.9	U F2	998	1080		mg/Kg		108	70 - 130	
(GRO)-C6-C10 Diesel Range Organics (Over	<49.9	U F1 F2	998	835.2		mg/Kg		84	70 - 130	
C10 C20\										

Snike

C10-C28)

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

Lab Sample ID: 880-15895-21 MSD Client Sample ID: BH-21

Matrix: Solid

Analysis Batch: 27557

Prep Type: Total/NA Prep Batch: 27555

Sample Sample MSD MSD %Rec RPD Spike Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Limit Gasoline Range Organics <49.9 U F2 999 779.0 F2 78 mg/Kg 70 - 130 32 20 (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U F1 F2 999 669.6 F1 F2 mg/Kg 70 - 130 22 20

C10-C28)

MSD MSD

Surrogate	%Recovery Qua	alifier Limits
1-Chlorooctane	76	70 - 130
o-Terphenyl	72	70 - 130

QC Sample Results

Client: Tetra Tech, Inc. Job ID: 880-15895-1 SDG: Eddy County, New Mexico Project/Site: Bear Booster

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

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

Analysis Batch: 27563

Matrix: Solid

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

Matrix: Solid

Analysis Batch: 27563

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27556

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		06/15/22 08:52	06/15/22 11:07	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		06/15/22 08:52	06/15/22 11:07	1
C10-C28)									
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/22 08:52	06/15/22 11:07	1
	MB	MB							

MR MR

Surrogate	%Recovery	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

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27556

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

LCS LCS

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	103	70 - 130
o-Terphenyl	113	70 - 130

Lab Sample ID: LCSD 880-27556/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 27563

Prep Type: Total/NA

Prep Batch: 27556

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

LCSD LCSD

Surrogate	%Recovery Quali	fier Limits
1-Chlorooctane	93	70 - 130
o-Terphenyl	106	70 - 130

Lab Sample ID: 880-15888-A-1-B MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 27563

Prep Type: Total/NA

Prep Batch: 27556

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

Job ID: 880-15895-1

SDG: Eddy County, New Mexico

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

MS MS

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

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

Lab Sample ID: 880-15888-A-1-C MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 27563

Prep Type: Total/NA

Prep Batch: 27556

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits **RPD** Limit <49.9 U *1 999 842.4 82 70 - 130O 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 999 85 <49.9 U 851.7 mg/Kg 70 - 1305 20 C10-C28)

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

92 70 - 130 o-Terphenyl

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

мв мв Result Qualifier

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

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

Matrix: Solid

Analysis Batch: 27857

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

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

Matrix: Solid

Analysis Batch: 27857

7 maryolo Batom 21 co.									
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	270.4		ma/Ka		108	90 - 110		20

Lab Sample ID: 880

Matrix: Solid

Analysis Batch: 27857

80-15818-A-6-C MS	Client Sample ID: Matrix Spike
	Prep Type: Soluble
7857	

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

Eurofins Midland

Released to Imaging: 7/19/2022 11:57:09 AM

Client Sample ID: Lab Control Sample **Prep Type: Soluble**

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Job ID: 880-15895-1 Client: Tetra Tech, Inc. Project/Site: Bear Booster SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-15818-A-6-D MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 27857

Sample Sample Spike MSD MSD %Rec RPD Result Qualifier Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 452 253 711.4 mg/Kg 103 90 - 110

Lab Sample ID: MB 880-27637/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 27860 MB MB

Analyte	Result 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 **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 27860

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	257.3		mg/Kg	_	103	90 - 110	

Lab Sample ID: LCSD 880-27637/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 27860

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	 250	261.8		mg/Kg		105	90 - 110	2	20

Lab Sample ID: 880-15895-1 MS Client Sample ID: BH-1 **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 27860

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	944	F1	249	1214		ma/Ka		109	90 110	

Lab Sample ID: 880-15895-1 MSD Client Sample ID: BH-1 **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 27860

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	944	F1	249	1222	F1	mg/Kg		111	90 - 110	1	20

Lab Sample ID: 880-15895-11 MS Client Sample ID: BH-11 **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 27860

MS MS %Rec Sample Sample Spike Result Qualifier Added Analyte Result Qualifier Limits Unit %Rec Chloride 294 252 558.7 mg/Kg 105 90 - 110

Lab Sample ID: 880-15895-11 MSD Client Sample ID: BH-11 **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 27860											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	294		252	559.8		mg/Kg		106	90 - 110	0	20

Job ID: 880-15895-1

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Client Sample ID: BH-21

Client Sample ID: BH-21

Client Sample ID: BH-31

Client Sample ID: BH-31

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

SDG: Eddy County, New Mexico

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-27639/1-A

Matrix: Solid

Analysis Batch: 27861

MB MB

Analyte Result Qualifier RLMDL Unit D Prepared Analyzed Dil Fac Chloride <5.00 U 5.00 mg/Kg 06/20/22 10:16

Lab Sample ID: LCS 880-27639/2-A

Matrix: Solid

Analysis Batch: 27861

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 270.4 mg/Kg 108 90 - 110

Lab Sample ID: LCSD 880-27639/3-A

Matrix: Solid

Analysis Batch: 27861

LCSD LCSD %Rec RPD Spike Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit Chloride 250 270.7 mg/Kg 108 90 - 110

Lab Sample ID: 880-15895-21 MS

Matrix: Solid

Analysis Batch: 27861

MS MS Sample Sample Spike %Rec Analyte Added %Rec Result Qualifier Result Qualifier Unit Limits Chloride 44.4 250 316.2 109 90 - 110 mg/Kg

Lab Sample ID: 880-15895-21 MSD

Matrix: Solid

Analysis Batch: 27861

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 44 4 250 315.6 mg/Kg 108 90 - 110

Lab Sample ID: 880-15895-31 MS

Matrix: Solid

Analysis Batch: 27861

Sample Sample Spike MS MS %Rec Added Result Qualifier Analyte Result Qualifier Unit D %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

MSD MSD %Rec RPD Sample Sample Spike Result Qualifier Added Analyte Result Qualifier Limits RPD Limit Unit %Rec Chloride 45.1 F1 248 319.4 F1 mg/Kg 111 90 - 110 20

Client: Tetra Tech, Inc.

Job ID: 880-15895-1

Project/Site: Bear Booster

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	

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Client: Tetra Tech, Inc.

Job ID: 880-15895-1

Project/Site: Bear Booster

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

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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	

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Client: Tetra Tech, Inc. Job ID: 880-15895-1 Project/Site: Bear Booster 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

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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15895-1	BH-1	Total/NA	Solid	Total BTEX	

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Client: Tetra Tech, Inc.

Job ID: 880-15895-1

Project/Site: Bear Booster

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	

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Client: Tetra Tech, Inc. Job ID: 880-15895-1 Project/Site: Bear Booster 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 Batc
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	

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Client: Tetra Tech, Inc. Job ID: 880-15895-1 Project/Site: Bear Booster 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

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Client: Tetra Tech, Inc.

Job ID: 880-15895-1

Project/Site: Bear Booster

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

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Client: Tetra Tech, Inc. Job ID: 880-15895-1 Project/Site: Bear Booster 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

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		8015 NM	
880-15895-41	SW-6		Solid		
		Total/NA	Solid	8015 NM 8015 NM	
880-15895-42	SW-7	Total/NA	Solid		
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	

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Released to Imaging: 7/19/2022 11:57:09 AM

Client: Tetra Tech, Inc.

Job ID: 880-15895-1

Project/Site: Bear Booster

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	

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Client: Tetra Tech, Inc. Job ID: 880-15895-1 Project/Site: Bear Booster 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
380-15895-4	BH-4	Soluble	Solid	300.0	27637
380-15895-5	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
380-15895-14	BH-14	Soluble	Solid	300.0	27637
380-15895-15	BH-15	Soluble	Solid	300.0	27637
380-15895-16	BH-16	Soluble	Solid	300.0	27637

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Client: Tetra Tech, Inc.

Job ID: 880-15895-1

Project/Site: Bear Booster

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 Batc
880-15895-21	BH-21	Soluble	Solid	300.0	2763
880-15895-22	BH-22	Soluble	Solid	300.0	2763
880-15895-23	BH-23	Soluble	Solid	300.0	2763
880-15895-24	BH-24	Soluble	Solid	300.0	2763
880-15895-25	BH-25	Soluble	Solid	300.0	2763
880-15895-26	BH-26	Soluble	Solid	300.0	2763
880-15895-27	BH-27	Soluble	Solid	300.0	2763
880-15895-28	BH-28	Soluble	Solid	300.0	2763
880-15895-29	BH-29	Soluble	Solid	300.0	2763
880-15895-30	BH-30	Soluble	Solid	300.0	2763
880-15895-31	BH-31	Soluble	Solid	300.0	2763
880-15895-32	BH-32	Soluble	Solid	300.0	2763
880-15895-33	BH-33	Soluble	Solid	300.0	2763
880-15895-34	BH-34	Soluble	Solid	300.0	2763
880-15895-35	BH-35	Soluble	Solid	300.0	2763
880-15895-36	SW-1	Soluble	Solid	300.0	2763
880-15895-37	SW-2	Soluble	Solid	300.0	2763
880-15895-38	SW-3	Soluble	Solid	300.0	2763
880-15895-39	SW-4	Soluble	Solid	300.0	2763
880-15895-40	SW-5	Soluble	Solid	300.0	2763
MB 880-27639/1-A	Method Blank	Soluble	Solid	300.0	2763
LCS 880-27639/2-A	Lab Control Sample	Soluble	Solid	300.0	2763
LCSD 880-27639/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	2763
880-15895-21 MS	BH-21	Soluble	Solid	300.0	2763
880-15895-21 MSD	BH-21	Soluble	Solid	300.0	2763
880-15895-31 MS	BH-31	Soluble	Solid	300.0	2763
880-15895-31 MSD	BH-31	Soluble	Solid	300.0	2763

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Job ID: 880-15895-1

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

SDG: Eddy County, New Mexico

Lab Sample ID: 880-15895-1

Matrix: Solid

Client Sample ID: BH-1
Date Collected: 06/14/22 00:00

Date Received: 06/15/22 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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	СН	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 09:15	CH	XEN MID

Client Sample ID: BH-3

Date Collected: 06/14/22 00:00

Lab Sample ID: 880-15895-3

Matrix: Solid

Date Received: 06/15/22 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 06/15/22 08:15

Γ	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

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Job ID: 880-15895-1

SDG: Eddy County, New Mexico

Client Sample ID: BH-4

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15 Lab Sample ID: 880-15895-4

Matrix: Solid

Matrix: Solid

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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	СН	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 09:30	CH	XEN MID

Lab Sample ID: 880-15895-5 **Client Sample ID: BH-5**

Date Collected: 06/14/22 00:00

Date Received: 06/15/22 08:15

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 06/15/22 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 880-15895-7 **Client Sample ID: BH-7**

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.02 g	10 mL	27553 27559	06/15/22 08:46 06/15/22 14:46	DM AJ	XEN MID XEN MID

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Job ID: 880-15895-1

SDG: Eddy County, New Mexico

Client Sample ID: BH-7

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15 Lab Sample ID: 880-15895-7

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	27637	06/15/22 16:52	СН	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 06/15/22 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

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Client: Tetra Tech, Inc.

Project/Site: Bear Booster

Matrix: Solid

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Date Collected: 06/14/22 00:00

Date Received: 06/15/22 08:15

Lab Sample	ID: 880-15895-13
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Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Date Collected: 06/14/22 00:00

Date Received: 06/15/22 08:15

Lab Sample	~ ID: 00	0 15005 1	4
Lab Sample	טו פּ	0-15055-14	•

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

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

Lab Sample ID: 880-15895-14

Matrix: Solid

Client Sample ID: BH-14 Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 **Matrix: Solid**

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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	СН	XEN MID
Soluble	Analysis	300.0		1			27860	06/20/22 11:51	CH	XEN MID

Lab Sample ID: 880-15895-17 Client Sample ID: BH-17

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.03 g	10 mL	27553 27559	06/15/22 08:46 06/15/22 18:45	DM AJ	XEN MID XEN MID

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

Client Sample ID: BH-17

Lab Sample ID: 880-15895-17

Matrix: Solid

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	27637	06/15/22 16:52	СН	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 Date Received: 06/15/22 08:15 **Matrix: Solid**

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 06/15/22 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

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Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Date Collected: 06/14/22 00:00

Lab Sample ID: 880-15895-22

Matrix: Solid

Date Received: 06/15/22 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15 Lab Sample ID: 880-15895-23

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15 Lab Sample ID: 880-15895-24

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

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Job ID: 880-15895-1

SDG: Eddy County, New Mexico

Client Sample ID: BH-24

Lab Sample ID: 880-15895-24

Matrix: Solid

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Batch Batch Dil Initial Final Batch Prepared Prep Type Method Amount Amount Number or Analyzed Type Run Factor Analyst Lab 27628 Total/NA 5035 Prep 5.03 g 5 mL 06/15/22 16:00 MR XEN MID Total/NA Analysis 8021B 27741 06/17/22 20:26 MR XEN MID 1 Total/NA Total BTEX XEN MID Analysis 1 27768 06/17/22 09:21 AJ Total/NA Analysis 8015 NM 27670 06/16/22 09:49 XEN MID 1 ΑJ XEN MID Total/NA Prep 8015NM Prep 10.01 g 10 mL 27555 06/15/22 08:49 DM Total/NA Analysis 8015B NM 27557 06/15/22 14:03 AJ XEN MID 1 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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

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Released to Imaging: 7/19/2022 11:57:09 AM

Job ID: 880-15895-1

SDG: Eddy County, New Mexico

Client Sample ID: BH-27

Lab Sample ID: 880-15895-27

Matrix: Solid

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	27639	06/15/22 16:54	СН	XEN MID
Soluble	Analysis	300.0		1			27861	06/20/22 12:44	CH	XEN MID

Lab Sample ID: 880-15895-28

Matrix: Solid

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

Client Sample ID: BH-28

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 06/15/22 08:15 **Matrix: Solid**

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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	СН	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Job ID: 880-15895-1 Client: Tetra Tech, Inc. Project/Site: Bear Booster 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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 27629 Total/NA 5.03 g 5 mL 06/15/22 16:05 MR XEN MID Total/NA 8021B 5 mL 06/16/22 15:29 XEN MID Analysis 1 5 mL 27660 MR Total/NA Total BTEX 27768 06/17/22 09:21 XEN MID Analysis 1 A.I Total/NA Analysis 8015 NM 27670 06/16/22 09:49 XEN MID Total/NA 27555 XEN MID Prep 8015NM Prep 10.00 g 06/15/22 08:49 DM 10 mL Total/NA Analysis 8015B NM 27557 06/15/22 16:56 AJ XEN MID 27639 Soluble XEN MID Leach DI Leach 5.02 g 50 mL 06/15/22 16:54 CH Soluble Analysis 300.0 1 27861 06/20/22 14:16 CH XEN MID

Lab Sample ID: 880-15895-33 Client Sample ID: BH-33 Date Collected: 06/14/22 00:00

Date Received: 06/15/22 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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	СН	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 Date Received: 06/15/22 08:15

Released to Imaging: 7/19/2022 11:57:09 AM

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Matrix: Solid

Job ID: 880-15895-1

SDG: Eddy County, New Mexico

Client Sample ID: BH-34

Lab Sample ID: 880-15895-34

Matrix: Solid

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 880-15895-35

Matrix: Solid

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

Client Sample ID: BH-35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 06/15/22 08:15 **Matrix: Solid**

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 06/15/22 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

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

Client Sample ID: SW-2

Lab Sample ID: 880-15895-37

Matrix: Solid

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Lab Sample ID: 880-15895-38

Date Collected: 06/14/22 00:00 Matrix: Solid

Date Received: 06/15/22 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Lab Sample ID: 880-15895-39

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

9 00:00 Matrix: Solid 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Lab Sample ID: 880-15895-40

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Matrix: Solid

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Lab Chronicle

Client: Tetra Tech, Inc. Job ID: 880-15895-1 Project/Site: Bear Booster SDG: Eddy County, New Mexico

Client Sample ID: SW-6

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15 Lab Sample ID: 880-15895-41

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 06/15/22 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Γ	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

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Client Sample ID: SW-9 Date Collected: 06/14/22 00:00

Date Received: 06/15/22 08:15

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

Job ID: 880-15895-1

SDG: Eddy County, New Mexico

Lab Sample ID: 880-15895-44

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Matrix: Solid

Date Collected: 06/14/22 00:00 Date Received: 06/15/22 08:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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.

Job ID: 880-15895-1

Project/Site: Bear Booster

SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority Texas		ogram	Identification Number	Expiration Date 06-30-22	
		ELAP	T104704400-21-22		
The following analytes the agency does not of		it the laboratory is not certific	ed by the governing authority. This list ma	ay include analytes for w	
and agoney added not of	iei ceruncauori.				
Analysis Method	Prep Method	Matrix	Analyte		
0 ,		Matrix Solid	Analyte Total TPH		

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Method Summary

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

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

2

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

/ Mexico

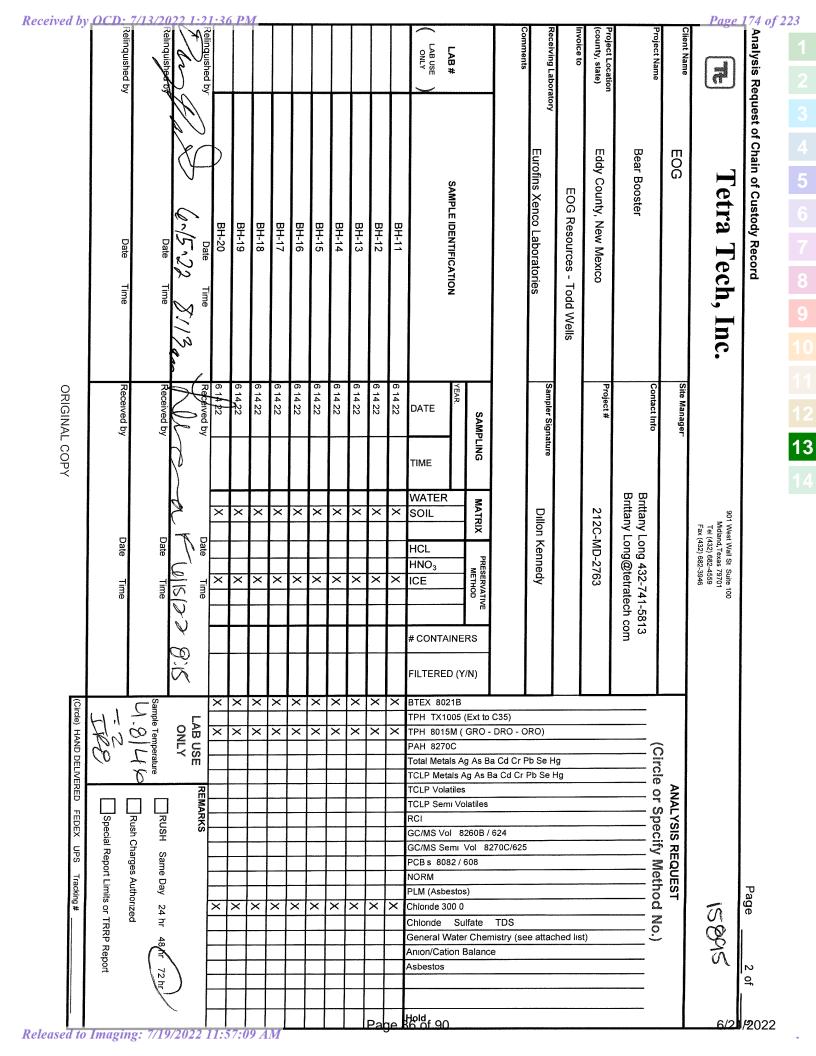
Lab Sample ID	Client Sample ID	Matrix	Collected	Received
380-15895-1	BH-1	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-2	BH-2	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-3	BH-3	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-4	BH-4	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-5	BH-5	Solid	06/14/22 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
380-15895-19	BH-20	Solid	06/14/22 00:00	06/15/22 08:15
380-15895-21	BH-21	Solid	06/14/22 00:00	06/15/22 08:15
880-15895-21	BH-22	Solid	06/14/22 00:00	06/15/22 08:15
380-15895-23	BH-23	Solid	06/14/22 00:00	06/15/22 08:15
80-15895-24	вн-23 Вн-24	Solid	06/14/22 00:00	06/15/22 08:15
80-15895-25	BH-25	Solid	06/14/22 00:00	06/15/22 08:15
380-15895-26	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
380-15895-28	BH-28	Solid	06/14/22 00:00	06/15/22 08:15
380-15895-29	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
380-15895-31	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
380-15895-34	BH-34	Solid	06/14/22 00:00	06/15/22 08:15
380-15895-35	BH-35	Solid	06/14/22 00:00	06/15/22 08:15
380-15895-36	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
380-15895-38	SW-3	Solid	06/14/22 00:00	06/15/22 08:15
380-15895-39	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

Hold

Chain of Custody Page

Analysis Request of Chain of Custody Record

¶/2022



Hold

6/2 1/2022

Released to Imaging: 7/19/2022 11:57:09 AM

Login Sample Receipt Checklist

Client: Tetra Tech, Inc. Job Number: 880-15895-1

SDG Number: Eddy County, New Mexico

Login Number: 15895 List Source: Eurofins Midland

List Number: 1 Creator: Rodriguez, Leticia

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	

Eurofins Midland

Released to Imaging: 7/19/2022 11:57:09 AM



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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

A ... - b ... - d D. .. 711

Project Location: EOG - LEA CO NM

Sample ID: SW - 4 (0-4') (H222812-01)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2022	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 9	% 69.9-14	0						
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	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	1						
Surrogate: 1-Chlorooctadecane	74.1	% 42.5-16	1						

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Celeg D. Freene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Fax To: (432) 682-3946

Received: 06/30/2022 Sampling Date: 06/28/2022

Reported: 07/05/2022 Sampling Type: Soil

Project Name: BEAR BOOSTER RELEASE Sampling Condition: Cool & Intact Project Number: Sample Received By: 212C - MD - 02763 Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: SW - 10 (0-5') (H222812-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2022	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 9	69.9-14	0						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	1						
Surrogate: 1-Chlorooctadecane	85.8	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (432) 682-3946

Received: 06/30/2022 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	Analyze	ed 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (432) 682-3946

Received: 06/30/2022 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	Analyze	ed 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Fax To: (432) 682-3946

Received: 06/30/2022 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)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2022	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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/01/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (432) 682-3946

Received: 06/30/2022 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

Applyzod By: 14

Project Location: EOG - LEA CO NM

Sample ID: SW - 14 (0-1.5') (H222812-06)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/01/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	1						
Surrogate: 1-Chlorooctadecane	73.3	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (432) 682-3946

Received: 06/30/2022 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	Analyze	ed 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/01/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	% 42.5-16	1						

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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	Analyze	ed 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/01/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	% 42.5-16	1						

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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 Sample Received By: Project Number: 212C - MD - 02763 Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BH - 38 (5') (H222812-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2022	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 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/01/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	1						
Surrogate: 1-Chlorooctadecane	70.9	% 42.5-16	1						

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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	Analyze	ed 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/01/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	% 42.5-16	1						

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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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/01/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	% 42.5-16	1						

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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: Sample Received By: 212C - MD - 02763 Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BH - 41 (4') (H222812-12)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2022	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 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/01/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	1						
Surrogate: 1-Chlorooctadecane	67.6	% 42.5-16	1						

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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	Analyze	ed 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	% 42.5-16	1						

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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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/01/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	1						
Surrogate: 1-Chlorooctadecane	87.5	% 42.5-16	1						

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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	Analyze	ed 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/01/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	% 42.5-16	1						

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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 9	% 69.9-14	0						
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	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	% 42.5-16	1						

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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	Analyze	ed 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/01/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	% 42.5-16	1						

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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	Analyze	ed 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	% 42.5-16	1						

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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		Analyze	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	% 69.9-14	0						
Chloride, SM4500CI-B	mg	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/01/2022	ND	416	104	400	3.77	
TPH 8015M	mg	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	% 42.5-16	1						

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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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/01/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	% 42.5-16	1						

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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 Sample Received By: Project Number: 212C - MD - 02763 Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BH - 50 (3.5') (H222812-21)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2022	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 9	69.9-14	0						
Chloride, SM4500Cl-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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	1						
Surrogate: 1-Chlorooctadecane	76.5	% 42.5-16	1						

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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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/01/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	% 42.5-16	71						

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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: Sample Received By: Tamara Oldaker 212C - MD - 02763

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 9	69.9-14	0						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	1						
Surrogate: 1-Chlorooctadecane	72.6	% 42.5-16	1						

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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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/01/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 42.5-16	71						

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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

Applyzod By: 14

Project Location: EOG - LEA CO NM

Sample ID: BH - 54 (2.5') (H222812-25)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/01/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	1						
Surrogate: 1-Chlorooctadecane	86.6	% 42.5-16	1						

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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)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2022	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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/01/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 42.5-16	71						

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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)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2022	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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/01/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 42.5-16	1						

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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: Sample Received By: 212C - MD - 02763 Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BH - 57 (2.5') (H222812-28)

BTEX 8021B	mg/	mg/kg		d 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 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	1						
Surrogate: 1-Chlorooctadecane	86.5	% 42.5-16	1						

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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	Analyze	d 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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/01/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 42.5-16	1						

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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 Sample Received By: Project Number: 212C - MD - 02763 Tamara Oldaker

Project Location: EOG - LEA CO NM

Sample ID: BH - 59 (1.5') (H222812-30)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2022	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 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/01/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	1						
Surrogate: 1-Chlorooctadecane	79.0	% 42.5-16	1						

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Analytical Results For:

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

(432) 682-3946

Received: 06/30/2022 Sampling Date: 06/29/2022

Reported: 07/05/2022 Sampling Type: Soil

Fax To:

Project Name: BEAR BOOSTER RELEASE Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 212C - MD - 02763 Sample Received By:

Project Location: EOG - LEA CO NM

Sample ID: BH - 60 (1.5') (H222812-31)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2022	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 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/01/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 42.5-16	1						

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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 - 61 (1.5') (H222812-32)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2022	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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/01/2022	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	% 42.5-16	71						

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Analytical Results For:

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

(432) 682-3946

Received: 06/30/2022 Sampling Date: 06/28/2022

Reported: 07/05/2022 Sampling Type: Soil

Fax To:

Project Name: BEAR BOOSTER RELEASE Sampling Condition: Cool & Intact
Project Number: 212C - MD - 02763 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: EOG - LEA CO NM

Sample ID: BH - 1 (5') (H222812-33)

BTEX 8021B

DIEX GOZID	11197	ng .	Alldiyzo	a by. 5117					
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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/01/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 42.5-16	1						

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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 Tamara Oldaker Project Number: 212C - MD - 02763 Sample Received By:

Project Location: EOG - LEA CO NM

Sample ID: BH - 2 (5') (H222812-34)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2022	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 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/01/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	1						
Surrogate: 1-Chlorooctadecane	79.0	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

(432) 682-3946

Received: 06/30/2022 Sampling Date: 06/28/2022

Reported: 07/05/2022 Sampling Type: Soil

Fax To:

Project Name: BEAR BOOSTER RELEASE Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 212C - MD - 02763 Sample Received By:

Project Location: EOG - LEA CO NM

Sample ID: BH - 3 (5') (H222812-35)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2022	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 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/01/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	1						
Surrogate: 1-Chlorooctadecane	79.5	% 42.5-16	1						

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Celey D. Keine



Analytical Results For:

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

Fax To: (432) 682-3946

Received: 06/30/2022 Sampling Date: 06/29/2022

Reported: 07/05/2022 Sampling Type: Soil

Project Name: BEAR BOOSTER RELEASE Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 212C - MD - 02763 Sample Received By:

Project Location: EOG - LEA CO NM

Sample ID: BH - 8 (5') (H222812-36)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/01/2022	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 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/01/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	1						
Surrogate: 1-Chlorooctadecane	77.4	% 42.5-16	1						

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Celey D. Keine



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

ecovery.

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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Celey D. Keene

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	Date: Time:		Date: Time:	1 C - 6/30/25 1300	Date: Time:	BH-39 (4")	BH-38 (5")	BH-37 (5')	BH-36 (5')	SW-14 (0-1.5")	SW-13 (0-1.5')	SW-12 (0-3")	SW-11 (0-4')	SW-10 (0-5')	SW-4 (0-4')		SAMPLE IDENTIFICATION			Cardinal Labs		EOG Resources - Todd Wells	Lea County, NM	Deal DOOSIE!	Room	EOG Resources	Tetra Tech, Inc.	Analysis Request of Chain of Custody Record
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		Date: Time:	Date: Illie:	2	Date: Time:				DI 10 (3)	BH 8 (5)	BH 3 (5)	2 (5)	BH-1 (5')	BH-61 (1.5')	BH-60 (1.5')		SAMPLE IDENTIFICATION			Cardinal Labs	EOG Resources - Todd Wells	Lea County, NM	Bear Booster	EOG Resources	Tetra Tech, Inc.	Analysis Request of Chain of Custody Record
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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 remediaton 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

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

CONDITIONS

Action 125093

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	125093
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
jnobui	Closure Report Approved.	7/19/2022