

SITE INFORMATION

Report Type: Closure Report NAPP2105353729

General Site Information:

Site:	Doc BHU State Battery					
Company:	EOG Resources					
Section, Township and Range	Unit O	Sec. 5	T 25S	R 30E		
Lease Number:						
County:	Eddy County					
GPS:	32.152881			-103.902193		
Surface Owner:	State					
Mineral Owner:						
Directions:	From intersection of 128 and Buck Jackson Rd, travel south on Buck Jackson for 8.98 miles. Turn right onto Twin Wells rd, follow for 0.10 miles, then take next immediate left turn. Follow for 1.88 miles, turn right onto lease road. Follow for 0.81 miles, then take right onto two track. Follow for 1.29 miles, location on right.					

Release Data:

Date Released:	1/27/2021
Type Release:	Produced Water
Source of Contamination:	Overflowing tank
Fluid Released:	560 bbl produced water
Fluids Recovered:	555 bbl produced water

Official Communication:

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

Site Characterization

Depth to Groundwater:	326.53' Below Ground Surface
Karst Potential:	Low

Recommended Remedial Action Levels (RRALs)

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

**TETRA TECH**

May 18, 2021

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

Re: Closure Report for the EOG Resources, Doc BHU State Battery, Unit O, Section 5, Township 25 South, Range 30 East, Eddy County, New Mexico. NAPP2105353729

Oil Conservation Division:

Tetra Tech, Inc. (Tetra Tech) was contacted by EOG Resources (EOG) to assess and remediate a release that occurred at the EOG Resources, Doc BHU State Battery, Unit O, Section 5, Township 25 South, Range 30 East, Eddy County, New Mexico (Site). The site coordinates are 32.152881°, -103.902193°. The site location is shown on Figures 1 and 2.

Background

According to the State of New Mexico C-141 Initial Report, the release was discovered on January 27, 2021 and released approximately 560 barrels of produced water due to tank overflow. Approximately 555 barrels of produced water were recovered. The release occurred inside of the lined containment, impacting an area measuring approximately 215' x 40'. The C-141 form is included in Appendix A.

Site Characterization

A site characterization was performed for the site and no lakebeds, sinkholes, playa lakes, residences, schools, hospitals, institutions, churches, private domestic water wells, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the specified distances. Additionally, the site is located in a low karst potential area.

The nearest well is listed on the United States Geological Survey (USGS) database, in Section 8 approximately 0.62 miles southeast of the site, and has a reported depth to groundwater of 326.53' below surface. The site characterization data is shown in Appendix B.

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,

Tetra Tech

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**TETRA TECH**

updated August 14, 2018. The guidelines require a risk-based evaluation of the site to determine recommended remedial action levels (RRAL) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX) and total petroleum hydrocarbons (TPH) in soil. The proposed RRAL for benzene was determined to be 10 parts per million (ppm) or milligrams per kilogram (mg/kg) and 50 ppm for total BTEX (sum of benzene, toluene, ethylbenzene, and xylene). Based upon the site characterization, the proposed RRAL for TPH is 100 mg/kg (GRO + DRO + MRO). Additionally, based on the site characterization, the proposed RRAL for chlorides is 600 mg/kg.

Soil Assessment and Analytical Results

On February 23, 2021, Tetra Tech personnel were onsite to evaluate and sample the release area. A total of six (6) trenches (T-1 through T-6) were installed in the release footprint with depths ranging from surface to 6.0' below surface. Additionally, five (5) horizontal samples (H-1 through H-5) were installed around the release area to horizontally delineate the impacted area. Selected samples were submitted to the laboratory for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The results of the sampling are summarized in Table 1. The sample locations are shown in Figure 3

Referring to Table 1, the areas of trenches (T-1, T-2, and T-4 through T-6) did not show any benzene or total BTEX above the RRALs. However, the area of trench (T-3) did show Total BTEX concentrations above RRALs, concentrations ranging from 0.826 mg/kg to 111 mg/kg at depths ranging from surface to 3.0' below surface. The areas of trenches (T-1 through T-5) showed total TPH concentrations above RRALs, concentrations ranging from 123 mg/kg to 7,030 mg/kg at depths ranging from surface to 6.0' below surface. Additionally, the area of trench (T-6) did not show any TPH concentrations above the laboratory reporting limits. The areas of trenches (T-1 through T-6) showed chloride concentrations above RRALs, concentrations ranging from 14.9 mg/kg to 13,700 mg/kg at depths ranging from surface to 5.0' below surface.

Additionally, the areas of horizontals (H-1 through H-5), did not show any benzene, total BTEX, total TPH, or chloride concentrations above the RRALs.

Remediation and Reclamation Activities

Tetra Tech personnel were onsite March 29, 2021 through April 7, 2021, to supervise the remediation and collect confirmation samples. The impacted areas were excavated to depths ranging from 3.0' below surface and 8.0' below surface, as shown on Figure 4 and Table 2.

Confirmation bottom hole and sidewall samples were collected every 200 square feet; a total of 32 bottom hole samples (Bottom Hole 1 through Bottom Hole 32) and 17 sidewall samples (SW-1 through SW-17) were collected to ensure proper removal of the impacted soils. The samples were submitted to the laboratory to be analyzed for TPH method 8015 extended, BTEX method 8021B, and Chloride by EPA Method 300.0. The sampling results are summarized in Table 2. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The excavation depths, and sample locations are shown in Figure 4.



Referring to Table 2, all final confirmation samples collected showed benzene, total BTEX, and TPH concentrations below the RRALs. Additionally, all final samples showed chloride concentrations below the RRAL and the 600 mg/kg threshold.

Approximately 1,470 cubic yards of material was excavated and transported offsite for proper disposal. The areas were then backfilled with clean material to surface grade.

Conclusion

Based on the laboratory results, remediation activities performed, EOG requests closure of this spill issue. The final C-141 is enclosed in Appendix A. If you have any questions or comments concerning the assessment or remediation activities for this site, please call at (432) 682-4559.

Respectfully submitted,
TETRA TECH

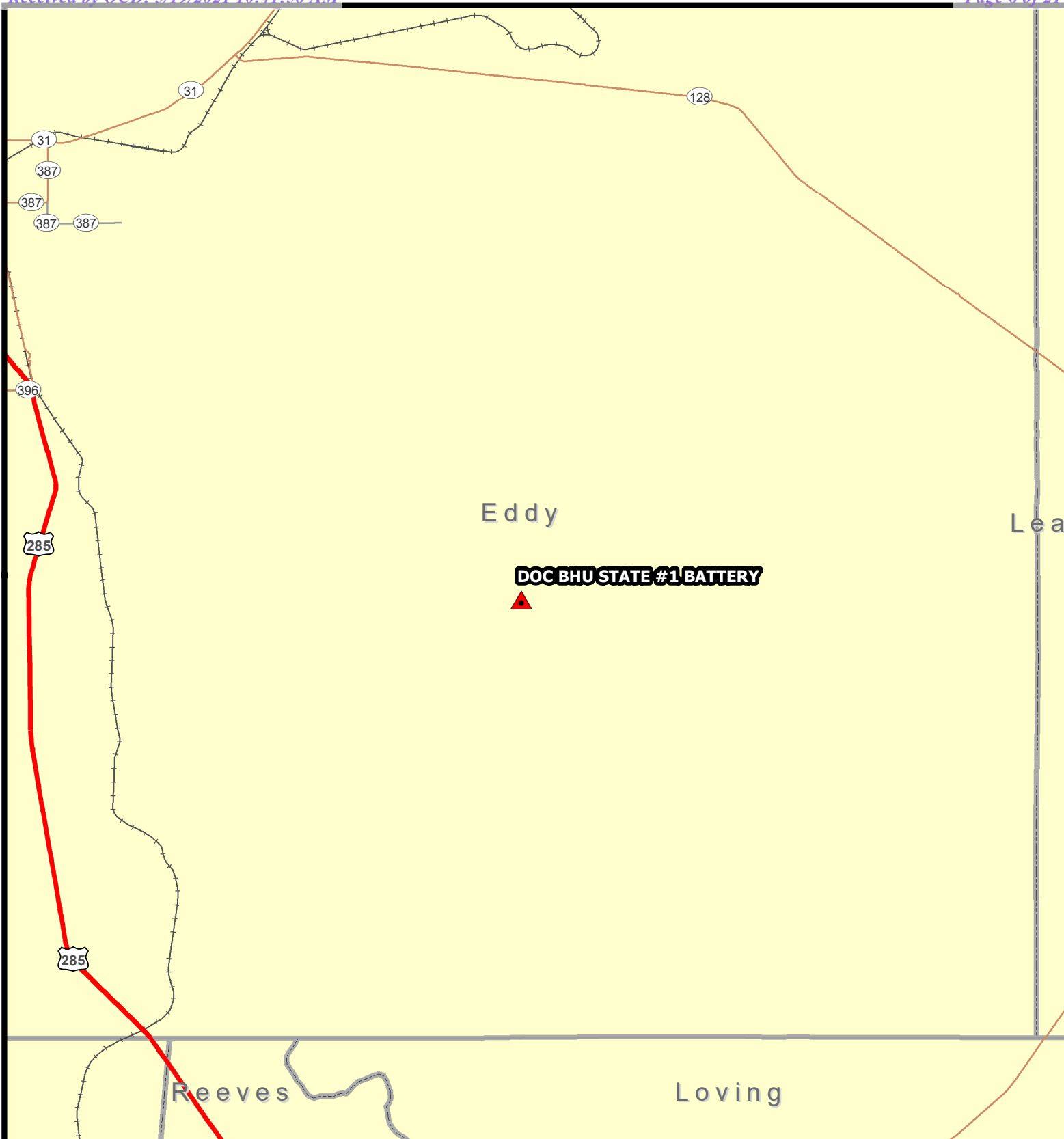
A handwritten signature in blue ink, appearing to read 'Brittany Long'.

Brittany Long,
Project Manager

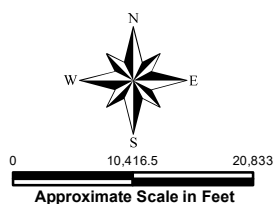
A handwritten signature in blue ink, appearing to read 'Clair Gonzales'.

Clair Gonzales, P.G.
Senior Project Manager

Figures



 SITE LOCATION



OVERVIEW MAP

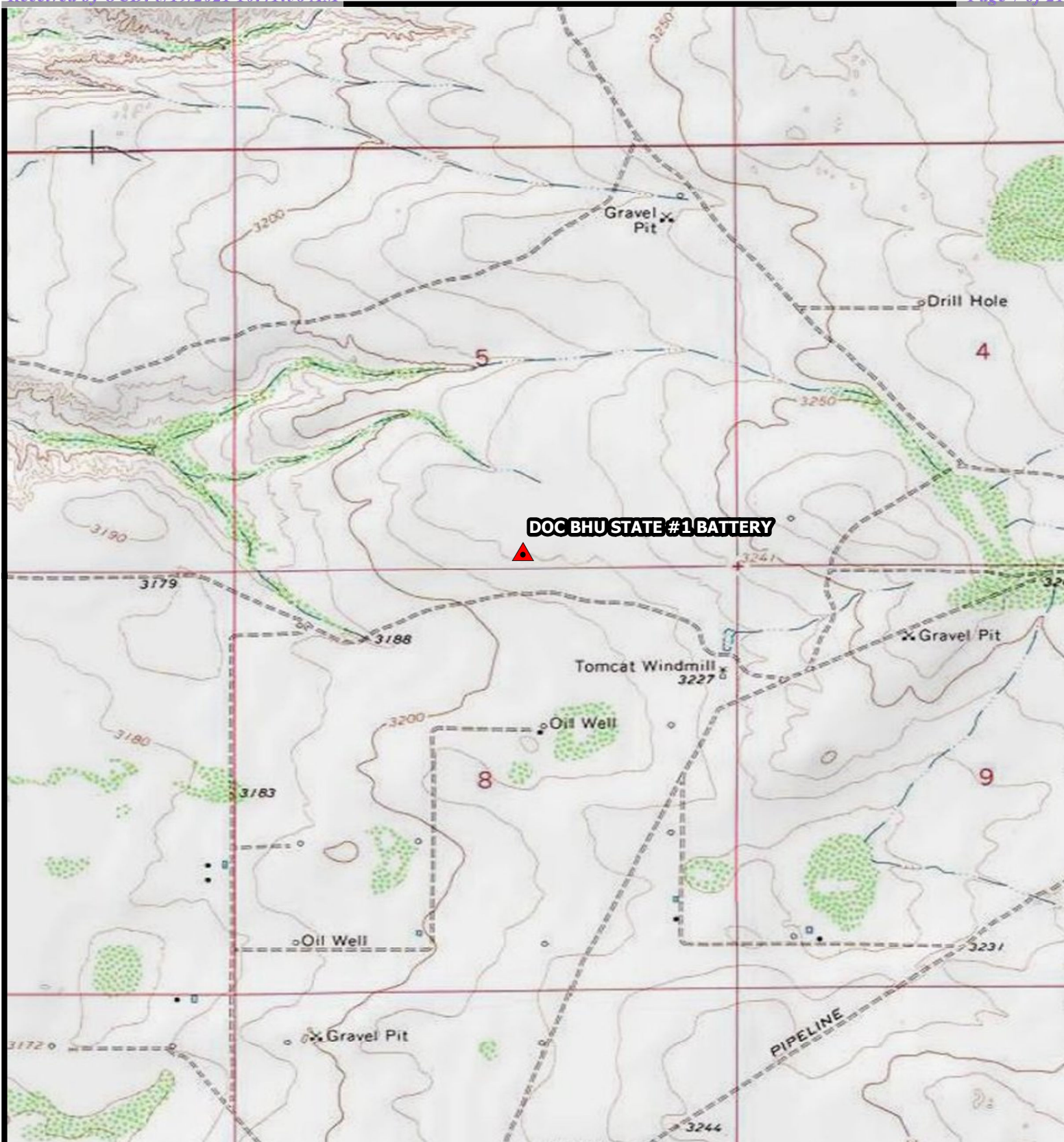
DOC BHU STATE BATTERY

Property located at coordinates 32.152881°, -103.902193°
EDDY COUNTY, NEW MEXICO

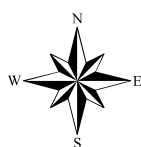


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(432) 682-4559
Project #: 212C-MD-02437
Date: 03-16-2021
Drawn By: Ezequiel Moreno

FIGURE
1



▲ SITE LOCATION



0 550 1,100 2,200
Approximate Scale in Feet

TOPOGRAPHIC MAP
DOC BHU STATE BATTERY
Property located at coordinates 32.152881°, -103.902193°
EDDY COUNTY, NEW MEXICO

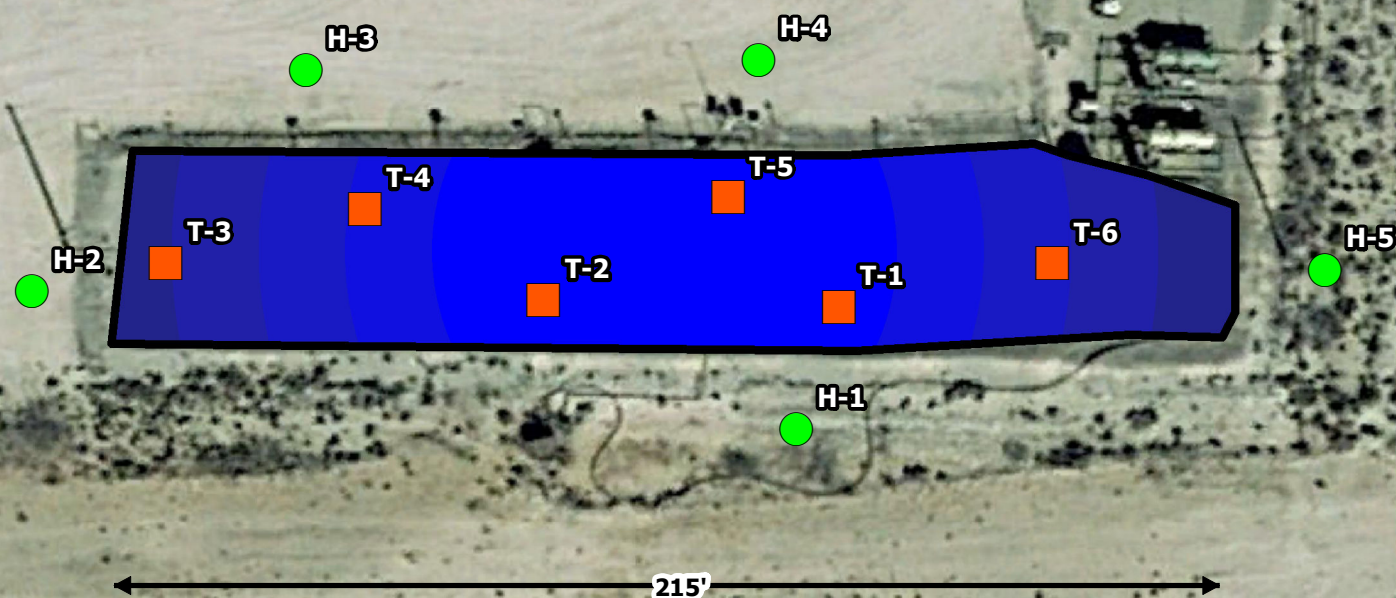
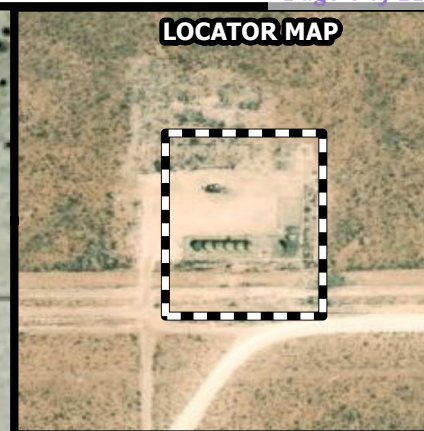


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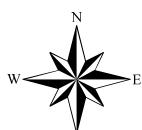
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FIGURE
2

SAMPLE DESIGNATION	LATITUDE	LONGITUDE
H-1	32.15264369°	-103.902073°
H-2	32.15272520°	-103.902527°
H-3	32.15285707°	-103.902364°
H-4	32.152863068°	-103.902095°
H-5	32.152738394°	-103.901758°
T-1	32.15270220°	-103.9020815°
T-2	32.1527063°	-103.9022453°
T-3	32.1527425°	-103.9024482°
T-4	32.1527983°	-103.9023298°
T-5	32.1527951°	-103.9021196°
T-6	32.152742°	-103.9019209°



- HORIZONTAL SAMPLE LOCATIONS
- TRENCH DESIGNATIONS
- AFFECTED SPILL AREA



0 15 30 60
Feet
Approximate Scale

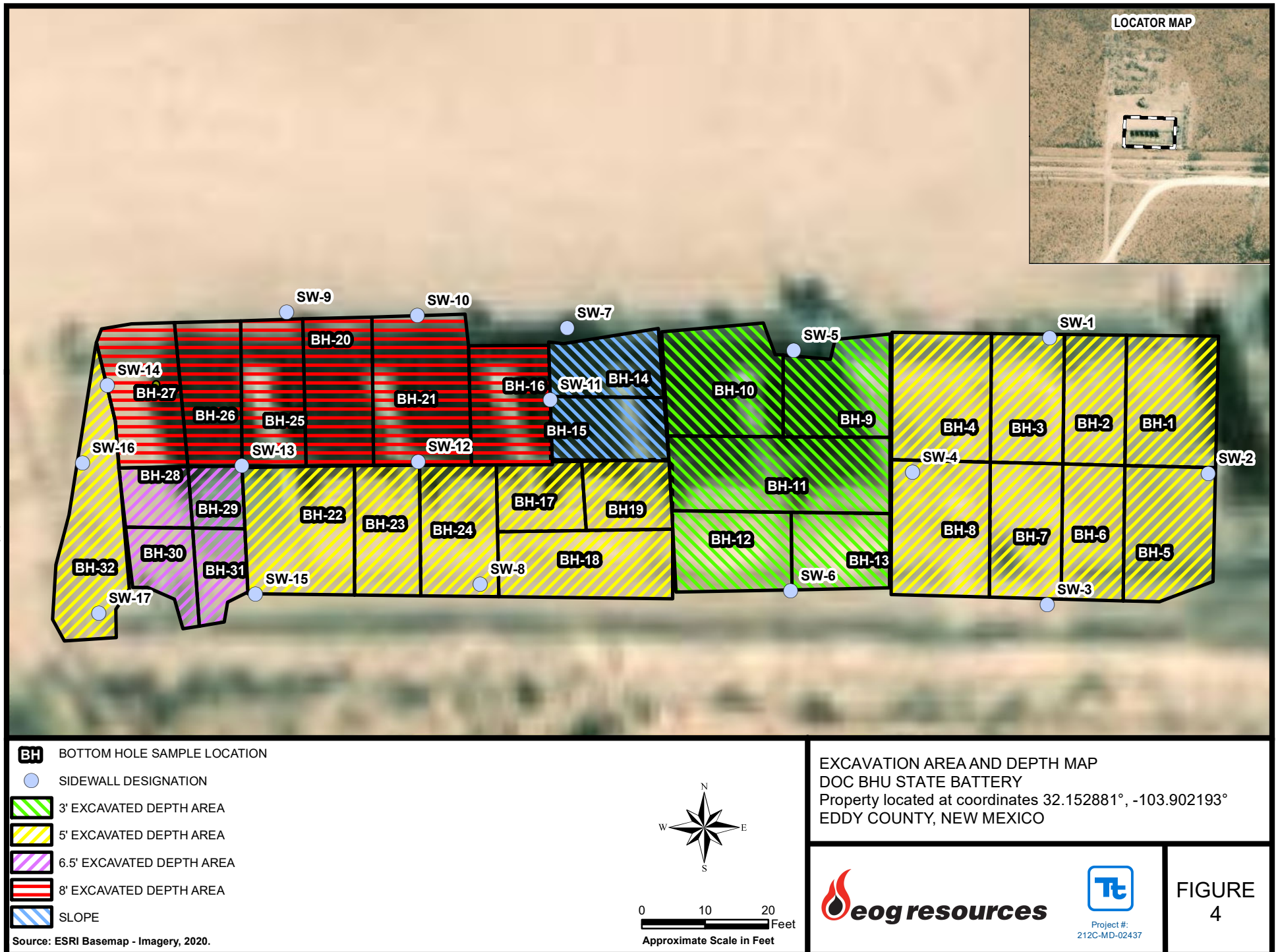
RELEASE ASSESSMENT MAP
DOC BHU STATE BATTERY
Property located at coordinates 32.152881°, -103.902193°
EDDY COUNTY, NEW MEXICO



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FIGURE
3

C:\GIS\EOG Resources\212C-MD-02437_DOC_BHU_STATE\12C-MD-02437_DOC_BHU_STATE\1TB-FIG4.mxd 5/12/2021 jpl.lehrs



Tables

Table 1
EOG
Doc BHU State Battery Release
Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	DRO	GRO	MRO	Total						
T-1	2/23/2021	0-1	X		5210	481	406	6100	0.104	3.38	1.26	11.2	15.9	12,700
	"	1	X		2030	323	152	2510	0.0933	3.33	1.61	11.4	16.5	10,600
	"	2	X		123	<49.9	<49.9	123	0.00278	0.112	0.0957	0.55	0.76	7,460
	"	3	X		<49.9	<49.9	<49.9	<49.9	<0.00200	0.00425	0.00233	0.00751	0.0141	645
	"	4	X		<50.0	<50.0	<50.0	<50.0	<0.00200	0.00206	<0.00200	0.00216	0.00422	89.8
	"	5	X		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	96.9
	"	6	X		<50.0	<50.0	<50.0	<50.0						14.9
T-2	2/23/2021	0-1	X		2410	191	255	2860	0.0127	0.221	0.112	0.631	0.977	13,200
	"	1	X		3450	468	259	4180	0.041	3.28	0.273	9.5	13.1	13,700
	"	2	X		3070	505	208	3780	0.0171	0.246	0.861	7.26	8.39	9,920
	"	3	X		2790	456	190	3440	0.0137	0.152	0.299	7.3	7.77	9,180
	"	4	X		1130	113	101	1340	<0.00202	0.00697	0.0341	0.174	0.215	1,210
	"	5	X		1420	<50.0	112	1530	0.00238	0.00994	0.00462	0.021	0.038	1,110
	"	6	X		<49.9	<49.9	<49.9	<49.9						386
T-3	2/23/2021	0-1	X		1690	1030	104	2820	2.97	17.6	6.93	51.1	78.6	4,450
	"	1	X		2980	1820	206	5010	3.69	21.3	4.08	55.4	84.5	3,340
	"	2	X		2820	1350	201	4370	3.36	16	2.97	40.7	63	4,740
	"	3	X		1620	1020	104	2740	4.17	31.2	7.14	68.1	111	483
	"	4	X		2180	822	134	3140	0.115	0.164	0.284	1.01	1.57	66.3
	"	5	X		4050	1170	290	5510	0.021	0.0307	0.199	0.575	0.826	51.4
	"	6	X		3390	571	258	4220						71.3
T-4	2/23/2021	0-1	X		5160	1430	371	6960	0.0168	0.359	0.829	4.7	5.9	292
	"	1	X		5190	1470	372	7030	0.0121	9.1	2.82	8.39	20.3	394
	"	2	X		3460	986	247	4690	0.0152	0.343	0.52	7.44	8.32	396
	"	3	X		370	<50.0	<50.0	370	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	926
	"	4	X		241	<50.0	<50.0	241	<0.00198	<0.00198	<0.00198	0.0246	0.0246	1,040
	"	5	X		<49.9	<49.9	<49.9	<49.9	<0.00200	0.00435	<0.00200	0.00998	0.0143	82.3

Table 1
EOG
Doc BHU State Battery Release
Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	DRO	GRO	MRO	Total						
T-5	2/23/2021	0-1	X		3440	971	252	4660	0.0127	1.07	0.856	1.83	3.76	289
	"	1	X		4750	1200	353	6300	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	275
	"	2	X		1480	167	124	1770	<0.00200	0.00242	0.0371	0.132	0.172	3,480
	"	3	X		3470	380	263	4110	0.00255	0.0113	0.05	0.199	0.263	122
	"	4	X		<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	199
T-6	2/23/2021	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	1,130
	"	1	X		<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	1,490
	"	2	X		<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	1,110
	"	3	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	83.5
	"	4	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	76.6
H-1	2/23/2021	0-1	X		<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	11.9
H-2	2/23/2021	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	30.5
H-3	2/23/2021	0-1	X		<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	30.8
H-4	2/23/2021	0-1	X		<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	367
H-5	2/23/2021	0-1	X		<49.9	<49.9	<49.9	<49.9	0.00333	0.00457	<0.00200	<0.00200	0.0079	57.3

(-)

Not Analyzed



Excavated

Table 2
EOG
Doc BHU State Battery Release
Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	DRO	GRO	MRO	Total						
BH-1	3/31/2021	5'	X		<49.9	<49.9	<49.9	<49.9	0.0135	<0.00202	<0.00202	<0.00403	0.0135	49
BH-2	3/31/2021	5'	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	412
BH-3	3/31/2021	5'	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	0.01	0.01	59.2
BH-4	3/31/2021	5'	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	56.5
BH-5	3/31/2021	5'	X		<50.0	<50.0	<50.0	<50.0	0.0394	0.00449	0.0344	0.0285	0.107	407
BH-6	3/31/2021	5'	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	239
BH-7	3/31/2021	5'	X		<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	237
BH-8	3/31/2021	5'	X		<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	58.7
BH-9	3/31/2021	3'	X		<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	56.8
BH-10	3/31/2021	3'	X		76.6	<49.9	<49.9	76.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	61.7
BH-11	3/31/2021	3'	X		<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	63.5
BH-12	3/31/2021	3'	X		<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	59.4
BH-13	3/31/2021	3'	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	176
BH-14	3/31/2021	4'	X		<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	160
BH-15	3/31/2021	4'	X		59.1	<50.0	<50.0	59.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	142
BH-16	3/31/2021	4'		X	100	<50.0	<50.0	100	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	267
	4/8/2021	7'	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
BH-17	3/31/2021	5'	X		76.7	<50.0	<50.0	76.7	0.00213	<0.00201	<0.00201	<0.00402	0.00213	156
BH-18	3/31/2021	5'	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	177
BH-19	3/31/2021	5'	X		<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	161
BH-20	3/31/2021	4'	X		<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	165
BH-21	3/31/2021	8'	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	179

Table 2
EOG
Doc BHU State Battery Release
Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	DRO	GRO	MRO	Total						
BH-22	3/31/2021	4'	X		<49.9	<49.9	<49.9	<49.9	0.013	0.00201	<0.00200	<0.00399	0.015	165
BH-23	3/31/2021	4'		X	747	236	94.5	1,080	0.00332	<0.00198	0.016	0.0445	0.0639	91.5
	4/8/2021	6'	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
BH-24	3/31/2021	4'		X	520	114	63.5	698	0.0032	<0.00199	<0.00199	0.0539	0.0571	80.7
	4/8/2021	6'	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
BH-25	3/31/2021	5'		X	688	152	85.5	926	0.00314	<0.00198	0.0338	0.0479	0.0848	98.3
	4/8/2021	8'	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
BH-26	3/31/2021	5'		X	724	168	94.4	986	0.00329	<0.00199	0.0306	0.0487	0.0826	106
	4/8/2021	8'	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
BH-27	3/31/2021	5'		X	663	143	81	887	0.00347	<0.00199	0.0328	0.0578	0.094	92
	4/8/2021	8'	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
BH-28	3/31/2021	5'	X		<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	0.00362	<0.00401	0.00362	136
BH-29	3/31/2021	5'	X		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	133
BH-30	3/31/2021	5'	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	127
BH-31	3/31/2021	5'	X		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	179
BH-32	3/31/2021	5'	X		<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	179
SW-1	3/31/2021	5'		X	125	<49.9	<49.9	125	<0.00202	<0.00202	<0.00202	<0.00403	0.00313	6.1
	4/8/2021	5'	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-2	3/31/2021	5'		X	118	<49.8	<49.8	118	<0.00202	<0.00202	<0.00202	<0.00404	<0.00202	5.61
	4/8/2021	5'	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-3	3/31/2021	5'	X		96.6	<50.0	<50.0	96.6	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	7.00
SW-4	3/31/2021	5'		X	108	<50.0	<50.0	108	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	5.78
	4/8/2021	5'	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
SW-5	3/31/2021	3'		X	101	<50.0	<50.0	101	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	6.08
	4/8/2021	3'	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176

Table 2
EOG
Doc BHU State Battery Release
Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	Soil Status		TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			In-Situ	Removed	DRO	GRO	MRO	Total						
SW-6	3/31/2021	3'		X	127	<50.0	<50.0	127	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	6.68
	4/8/2021	3'	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-7	3/31/2021	4'		X	123	<50.1	<50.1	123	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	6.93
	4/8/2021	4'	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-8	3/31/2021	4'	X		84.4	<49.8	<49.8	84.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	5.85
SW-9	3/31/2021	4'		X	161	<49.9	<49.9	161	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	5.43
	4/8/2021	8'	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-10	3/31/2021	8'		X	115	<49.9	<49.9	115	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	13.5
	4/8/2021	8'	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-11	3/31/2021	8'		X	104	<50.0	<50.0	104	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	10.6
	4/8/2021	8'	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-12	3/31/2021	8'	X		99.5	<50.0	<50.0	99.5	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	10.5
SW-13	3/31/2021	8'		X	135	<50.0	<50.0	135	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	14.5
	4/8/2021	8'	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-14	3/31/2021	5'		X	719	136	173	1030	0.00721	0.0025	0.0714	0.157	0.238	96.9
	4/8/2021	8'	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-15	3/31/2021	5'		X	648	125	128	901	0.00631	0.00263	0.0646	0.117	0.191	84.9
	4/8/2021	6.5'	X		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-16	3/31/2021	4'	X		<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	7.33
SW-17	3/31/2021	4'	X		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	7.88

(-)

Not Analyzed



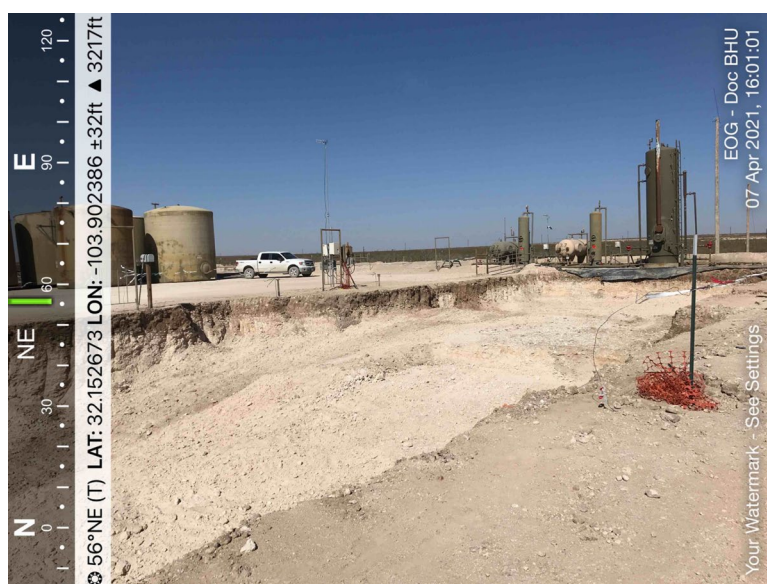
Excavated

Photos

EOG Resources
Doc BHU State Battery
Eddy County, New Mexico



View of Remediation Activities – View Northwest

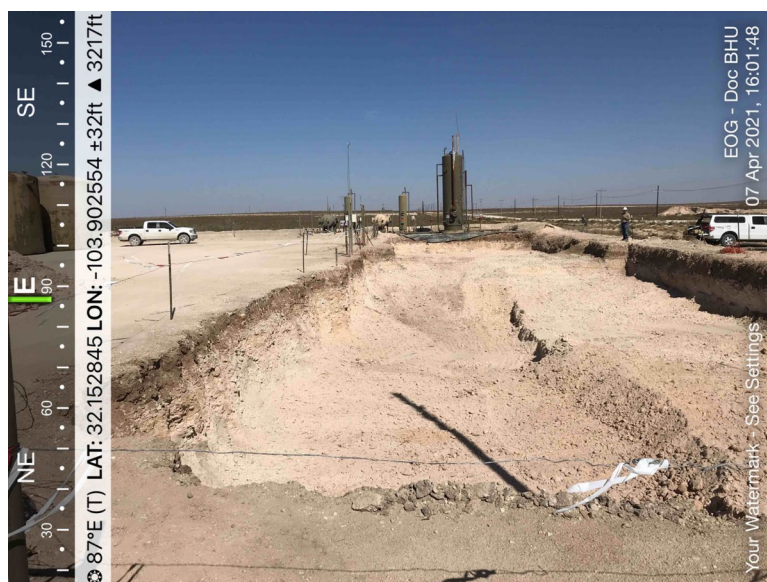


View of Remediation Activities – View Northeast

EOG Resources
Doc BHU State Battery
Eddy County, New Mexico



View of Remediation Activities – View North



View of Remediation Activities – View East

Appendix A

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	NAPP2105353729
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

Latitude 32.152881° Longitude -103.902193°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Doc BHU State Battery	Site Type Tank Battery
Date Release Discovered 1/27/21	API# (if applicable)

Unit Letter	Section	Township	Range	County
O	5	25S	30E	Eddy

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 560	Volume Recovered (bbls) 555
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: The check valve failed on the water transfer line causing produced water to back flow into the water tanks. This overfilled the water tanks and caused a release of approximately 560 bbls of produced water into lined containment with 555 bbls recovered.

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? More than 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? No	

Initial Response

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

☒ The source of the release has been stopped.	
☒ The impacted area has been secured to protect human health and the environment.	
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☒ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Todd Wells</u>	Title: <u>Environmental Specialist</u>
Signature: <u>Todd Wells</u>	Date: <u>2-24-21</u>
email: <u>Todd_Wells@eogresources.com</u>	Telephone: <u>(432) 686-3613</u>
<u>OCD Only</u>	
Received by: _____	Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

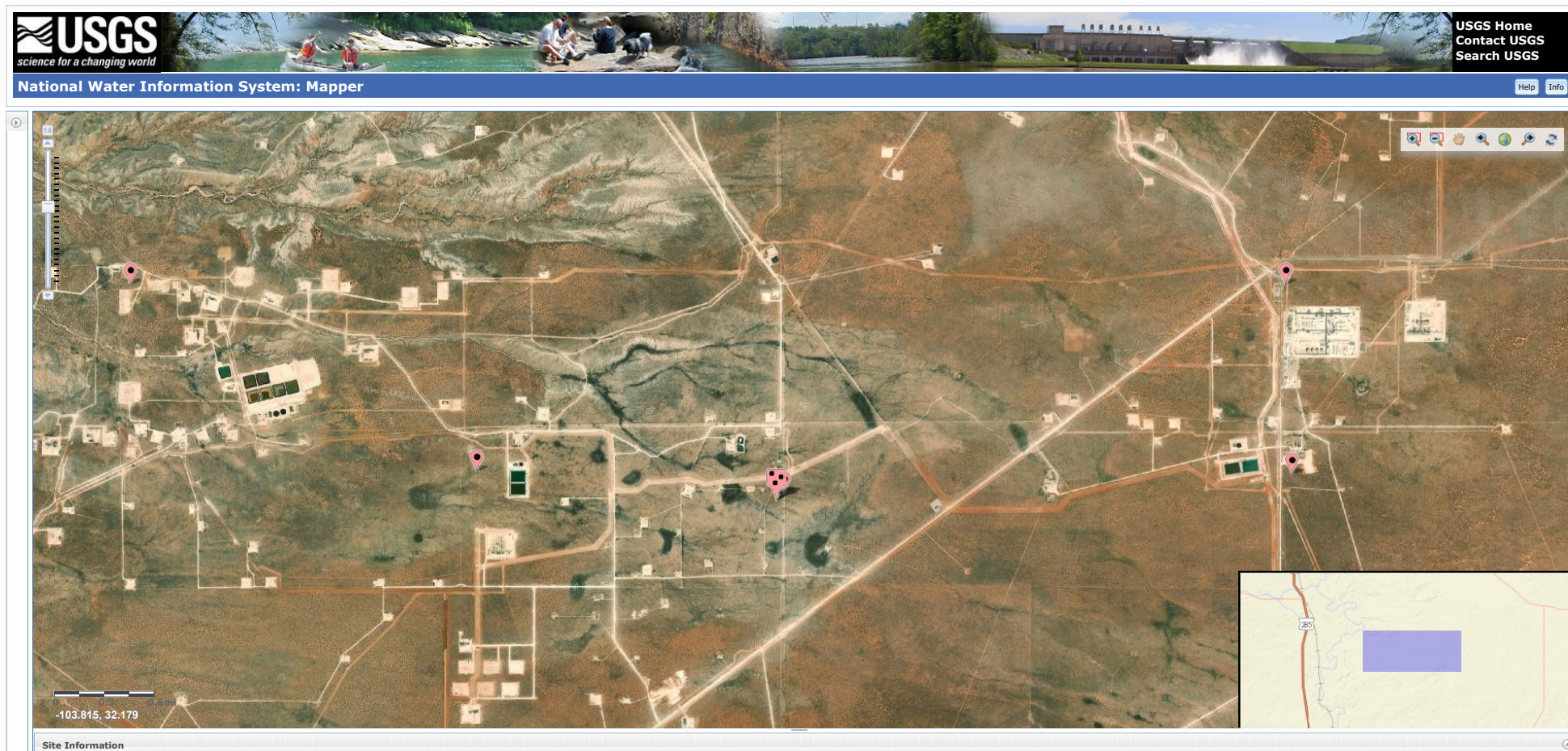
Received by: _____ Date: _____

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

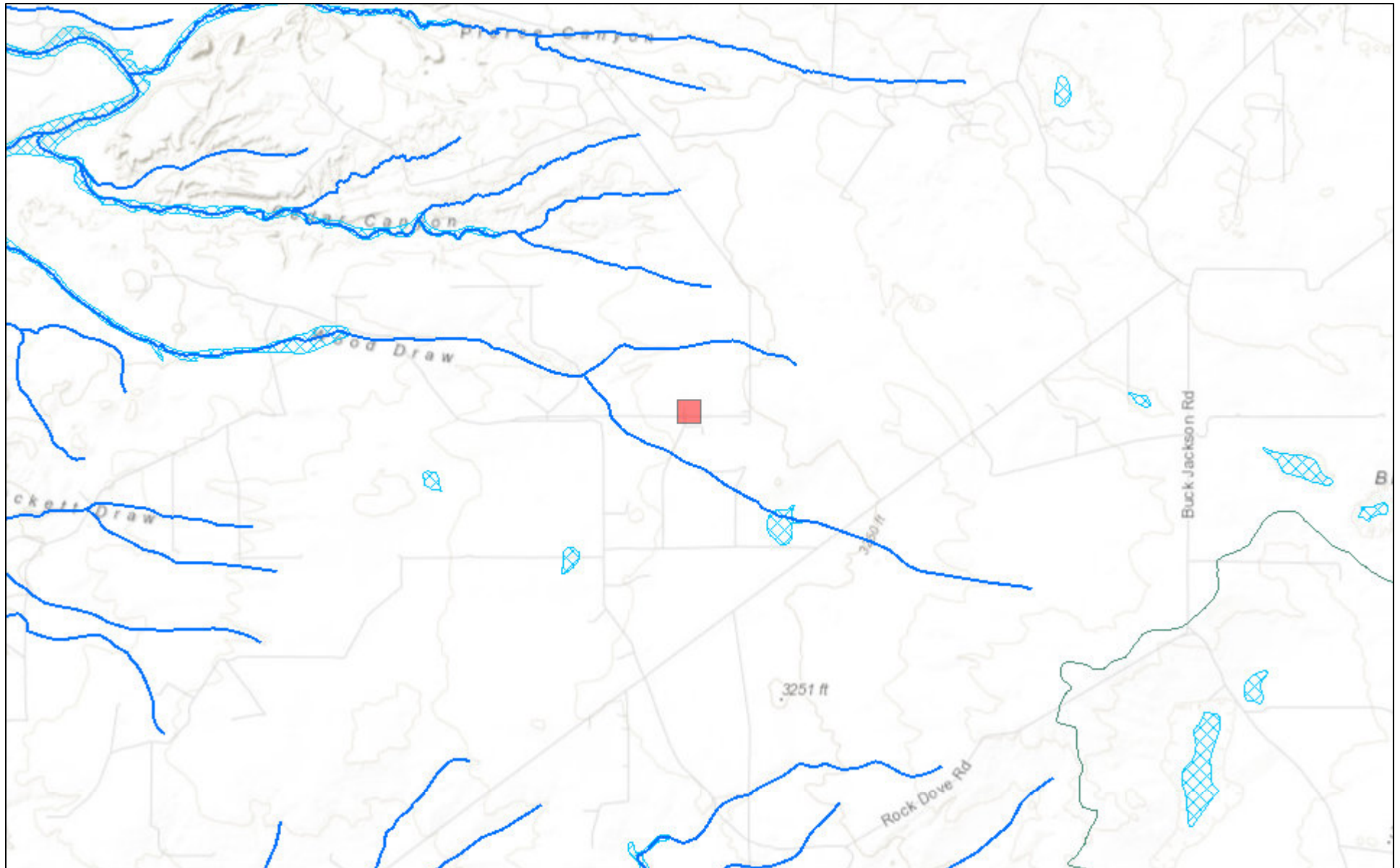
Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

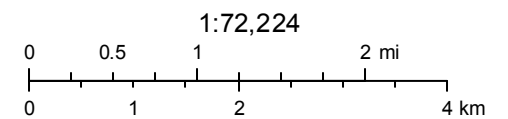
Appendix B



New Mexico NFHL Data



March 16, 2021



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



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

National Water Information System: Web Interface

[USGS Water Resources](#)

Data Category:

Groundwater

Geographic Area:

New Mexico

GO

Click to hide News Bulletins

- [Introducing The Next Generation of USGS Water Data for the Nation](#)
- [Full News](#) 
- **NOTICE: Feb 10, 2021 17:30ET - 18:23ET Data Transmissions were impacted by an unplanned system maintenance outage. Data are now processing.**

Groundwater levels for New Mexico

Click to hide state-specific text

* IMPORTANT: [Next Generation Station Page](#)

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 320849103533902

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 320849103533902 25S.30E.08.242221A

Eddy County, New Mexico

Latitude 32°08'49", Longitude 103°53'39" NAD27

Land-surface elevation 3,230 feet above NAVD88

The depth of the well is 500 feet below land surface.

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement
1961-06-14		D	62610		2896.80	NGVD29	3	Z
1961-06-14		D	62611		2898.45	NAVD88	3	Z

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement
1961-06-14		D	72019	331.55			3	Z
1998-01-28		D	62610		2901.82	NGVD29	1	S
1998-01-28		D	62611		2903.47	NAVD88	1	S
1998-01-28		D	72019	326.53			1	S

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	3	Above
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

[Questions about sites/data?](#)

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Title: Groundwater for New Mexico: Water Levels

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



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

Page Last Modified: 2021-02-12 12:28:05 EST

0.35 0.32 nadww01



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 01379	C	ED		4	4	3	10	25S	30E	606571	3556355*	400		
C 03716 POD1	CUB	ED		4	2	2	02	25S	30E	609069	3559211	600	425	175
C 03781 POD1	CUB	ED		3	3	3	13	25S	30E	609306	3554761	720	325	395
C 03782 POD1	CUB	ED		4	3	3	28	25S	30E	604526	3551444	805	277	528
C 03891 POD1	CUB	ED		4	4	2	01	25S	30E	610608	3558890	635	429	206

Average Depth to Water: **364 feet**

Minimum Depth: **277 feet**

Maximum Depth: **429 feet**

Record Count: 5

Basin/County Search:

County: Eddy

PLSS Search:

Township: 25S

Range: 30E

*UTM location was derived from PLSS - see Help

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

2/12/21 10:32 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

Malaga

Legend

 EOG Doc BHU State #1 Tank Battery

 High

 Low

 Medium

 EOG Doc BHU State #1 Tank Battery

Water Well Data
Average Depth to Groundwater (ft)
DOC BHU STATE #1 BATTERY
Eddy County, New Mexico

24 South 29 East

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

24 South 30 East

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

24 South 31 East

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

25 South 29 East

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

25 South 30 East

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

25 South 31 East

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

26 South 29 East

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

26 South 30 East

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

26 South 31 East

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

88 New Mexico State Engineers Well Reports

105 USGS Well Reports

90 Geology and Groundwater Conditions in Southern Lea, County, NM (Report 6)
 Geology and Groundwater Resources of Eddy County, NM (Report 3)

34 NMOCD - Groundwater Data

123 Tetra Tech installed temporary wells and field water level

143 NMOCD Groundwater map well location

Appendix C



Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-224-1

Laboratory Sample Delivery Group: 212C-MD-02437

Client Project/Site: Doc BHU State #1

For:

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

Attn: Clair Gonzales

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

Authorized for release by:
2/26/2021 6:07:28 PM

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

LINKS

Review your project
results through

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

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

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Laboratory Job ID: 890-224-1
SDG: 212C-MD-02437

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Definitions/Glossary

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Qualifiers

Subcontract

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Job ID: 890-224-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-224-1

Receipt

The samples were received on 2/24/2021 8:39 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 1.8°C

Subcontract Lab non-Sister Lab

See attached subcontract report.

- 1
- 2
- 3
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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

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

Lab Sample ID: 890-224-1

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12700		101		mg/kg		02/24/21 16:40	02/25/21 08:31	20

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	5210		49.9		mg/kg		02/24/21 17:00	02/24/21 23:34	1
Gasoline Range Hydrocarbons (GRO)	481		49.9		mg/kg		02/24/21 17:00	02/24/21 23:34	1
Motor Oil Range Hydrocarbons (MRO)	406		49.9		mg/kg		02/24/21 17:00	02/24/21 23:34	1
Total TPH	6100		49.9		mg/kg		02/24/21 17:00	02/24/21 23:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 135	02/24/21 17:00	02/24/21 23:34	1
o-Terphenyl	109		70 - 135	02/24/21 17:00	02/24/21 23:34	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.104		0.00199		mg/kg		02/24/21 11:00	02/24/21 19:08	1
Ethylbenzene	1.26		0.199		mg/kg		02/24/21 11:00	02/25/21 11:47	100
m,p-Xylenes	8.38		0.398		mg/kg		02/24/21 11:00	02/25/21 11:47	100
o-Xylene	2.77		0.199		mg/kg		02/24/21 11:00	02/25/21 11:47	100
Toluene	3.38		0.199		mg/kg		02/24/21 11:00	02/25/21 11:47	100
Total BTEX	15.9		0.00199		mg/kg		02/24/21 11:00	02/25/21 11:47	100
Total Xylenes	11.2		0.199		mg/kg		02/24/21 11:00	02/25/21 11:47	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	131		70 - 130	02/24/21 11:00	02/24/21 19:08	1
4-Bromofluorobenzene	314		70 - 130	02/24/21 11:00	02/24/21 19:08	1

Client Sample ID: T-1 (1')

Lab Sample ID: 890-224-2

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10600		99.6		mg/kg		02/24/21 16:40	02/24/21 19:54	20

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	2030		50.0		mg/kg		02/24/21 17:00	02/25/21 01:34	1
Gasoline Range Hydrocarbons (GRO)	323		50.0		mg/kg		02/24/21 17:00	02/25/21 01:34	1
Motor Oil Range Hydrocarbons (MRO)	152		50.0		mg/kg		02/24/21 17:00	02/25/21 01:34	1
Total TPH	2510		50.0		mg/kg		02/24/21 17:00	02/25/21 01:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 135	02/24/21 17:00	02/25/21 01:34	1
o-Terphenyl	100		70 - 135	02/24/21 17:00	02/25/21 01:34	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0933		0.00201		mg/kg		02/24/21 11:00	02/24/21 19:28	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-1 (1')

Lab Sample ID: 890-224-2

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1.61		0.201		mg/kg		02/24/21 11:00	02/26/21 14:23	100
m,p-Xylenes	8.72		0.402		mg/kg		02/24/21 11:00	02/26/21 14:23	100
o-Xylene	2.70		0.201		mg/kg		02/24/21 11:00	02/26/21 14:23	100
Toluene	3.33		0.201		mg/kg		02/24/21 11:00	02/26/21 14:23	100
Total BTEX	16.5		0.00201		mg/kg		02/24/21 11:00	02/26/21 14:23	100
Total Xylenes	11.4		0.201		mg/kg		02/24/21 11:00	02/26/21 14:23	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	127		70 - 130	02/24/21 11:00	02/24/21 19:28	1
4-Bromofluorobenzene	303		70 - 130	02/24/21 11:00	02/24/21 19:28	1

Client Sample ID: T-1 (2')

Lab Sample ID: 890-224-3

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7460		49.9		mg/kg		02/24/21 16:40	02/24/21 19:59	10

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	123		49.9		mg/kg		02/24/21 17:00	02/25/21 02:04	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 02:04	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 02:04	1
Total TPH	123		49.9		mg/kg		02/24/21 17:00	02/25/21 02:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 135	02/24/21 17:00	02/25/21 02:04	1
o-Terphenyl	120		70 - 135	02/24/21 17:00	02/25/21 02:04	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00278		0.00199		mg/kg		02/24/21 11:00	02/24/21 19:49	1
Ethylbenzene	0.0957		0.00199		mg/kg		02/24/21 11:00	02/24/21 19:49	1
m,p-Xylenes	0.388		0.00398		mg/kg		02/24/21 11:00	02/24/21 19:49	1
o-Xylene	0.162		0.00199		mg/kg		02/24/21 11:00	02/24/21 19:49	1
Toluene	0.112		0.00199		mg/kg		02/24/21 11:00	02/24/21 19:49	1
Total BTEX	0.760		0.00199		mg/kg		02/24/21 11:00	02/24/21 19:49	1
Total Xylenes	0.550		0.00199		mg/kg		02/24/21 11:00	02/24/21 19:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	92		70 - 130	02/24/21 11:00	02/24/21 19:49	1
4-Bromofluorobenzene	197		70 - 130	02/24/21 11:00	02/24/21 19:49	1

Client Sample ID: T-1 (3')

Lab Sample ID: 890-224-4

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	645		49.6		mg/kg		02/24/21 16:40	02/24/21 20:04	10

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-1 (3')

Lab Sample ID: 890-224-4

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 02:25	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 02:25	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 02:25	1
Total TPH	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 02:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 135	02/24/21 17:00	02/25/21 02:25	1
o-Terphenyl	130		70 - 135	02/24/21 17:00	02/25/21 02:25	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		02/24/21 11:00	02/24/21 20:09	1
Ethylbenzene	0.00233		0.00200		mg/kg		02/24/21 11:00	02/24/21 20:09	1
m,p-Xylenes	0.00406		0.00399		mg/kg		02/24/21 11:00	02/24/21 20:09	1
o-Xylene	0.00345		0.00200		mg/kg		02/24/21 11:00	02/24/21 20:09	1
Toluene	0.00425		0.00200		mg/kg		02/24/21 11:00	02/24/21 20:09	1
Total BTEX	0.0141		0.00200		mg/kg		02/24/21 11:00	02/24/21 20:09	1
Total Xylenes	0.00751		0.00200		mg/kg		02/24/21 11:00	02/24/21 20:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	100		70 - 130	02/24/21 11:00	02/24/21 20:09	1
4-Bromofluorobenzene	113		70 - 130	02/24/21 11:00	02/24/21 20:09	1

Client Sample ID: T-1 (4')

Lab Sample ID: 890-224-5

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	89.8		50.2		mg/kg		02/24/21 16:40	02/24/21 20:10	10

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 02:46	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 02:46	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 02:46	1
Total TPH	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 02:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 135	02/24/21 17:00	02/25/21 02:46	1
o-Terphenyl	100		70 - 135	02/24/21 17:00	02/25/21 02:46	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		02/24/21 11:00	02/24/21 20:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		02/24/21 11:00	02/24/21 20:30	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		02/24/21 11:00	02/24/21 20:30	1
o-Xylene	0.00216		0.00200		mg/kg		02/24/21 11:00	02/24/21 20:30	1
Toluene	0.00206		0.00200		mg/kg		02/24/21 11:00	02/24/21 20:30	1
Total BTEX	0.00422		0.00200		mg/kg		02/24/21 11:00	02/24/21 20:30	1
Total Xylenes	0.00216		0.00200		mg/kg		02/24/21 11:00	02/24/21 20:30	1

Eurofins Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-1 (4')

Lab Sample ID: 890-224-5

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130	02/24/21 11:00	02/24/21 20:30	1
4-Bromofluorobenzene	105		70 - 130	02/24/21 11:00	02/24/21 20:30	1

Client Sample ID: T-1 (5')

Lab Sample ID: 890-224-6

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.9		50.1		mg/kg		02/24/21 16:40	02/24/21 20:26	10

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 03:08	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 03:08	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 03:08	1
Total TPH	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 03:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 135	02/24/21 17:00	02/25/21 03:08	1
o-Terphenyl	102		70 - 135	02/24/21 17:00	02/25/21 03:08	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		02/24/21 11:00	02/24/21 20:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		02/24/21 11:00	02/24/21 20:50	1
m,p-Xylenes	<0.00404	U	0.00404		mg/kg		02/24/21 11:00	02/24/21 20:50	1
o-Xylene	<0.00202	U	0.00202		mg/kg		02/24/21 11:00	02/24/21 20:50	1
Toluene	<0.00202	U	0.00202		mg/kg		02/24/21 11:00	02/24/21 20:50	1
Total BTEX	<0.00202	U	0.00202		mg/kg		02/24/21 11:00	02/24/21 20:50	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		02/24/21 11:00	02/24/21 20:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	99		70 - 130	02/24/21 11:00	02/24/21 20:50	1
4-Bromofluorobenzene	105		70 - 130	02/24/21 11:00	02/24/21 20:50	1

Client Sample ID: T-1 (6')

Lab Sample ID: 890-224-7

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.9		5.00		mg/kg		02/24/21 16:40	02/24/21 20:31	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 03:29	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 03:29	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 03:29	1
Total TPH	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 03:29	1

Eurofins Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-1 (6')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-7

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 135	02/24/21 17:00	02/25/21 03:29	1
o-Terphenyl	117		70 - 135	02/24/21 17:00	02/25/21 03:29	1

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

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-8

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13200		250		mg/kg		02/24/21 16:40	02/24/21 20:36	50

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	2410		49.9		mg/kg		02/24/21 17:00	02/25/21 03:51	1
Gasoline Range Hydrocarbons (GRO)	191		49.9		mg/kg		02/24/21 17:00	02/25/21 03:51	1
Motor Oil Range Hydrocarbons (MRO)	255		49.9		mg/kg		02/24/21 17:00	02/25/21 03:51	1
Total TPH	2860		49.9		mg/kg		02/24/21 17:00	02/25/21 03:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 135				02/24/21 17:00	02/25/21 03:51	1
o-Terphenyl	157		70 - 135				02/24/21 17:00	02/25/21 03:51	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0127		0.00201		mg/kg		02/24/21 11:00	02/24/21 21:31	1
Ethylbenzene	0.112		0.00201		mg/kg		02/24/21 11:00	02/24/21 21:31	1
m,p-Xylenes	0.450		0.00402		mg/kg		02/24/21 11:00	02/24/21 21:31	1
o-Xylene	0.181		0.00201		mg/kg		02/24/21 11:00	02/24/21 21:31	1
Toluene	0.221		0.00201		mg/kg		02/24/21 11:00	02/24/21 21:31	1
Total BTEX	0.977		0.00201		mg/kg		02/24/21 11:00	02/24/21 21:31	1
Total Xylenes	0.631		0.00201		mg/kg		02/24/21 11:00	02/24/21 21:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	105		70 - 130				02/24/21 11:00	02/24/21 21:31	1
4-Bromofluorobenzene	195		70 - 130				02/24/21 11:00	02/24/21 21:31	1

Client Sample ID: T-2 (1')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-9

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13700		100		mg/kg		02/24/21 16:40	02/24/21 20:42	20

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	3450		50.0		mg/kg		02/24/21 17:00	02/25/21 04:21	1
Gasoline Range Hydrocarbons (GRO)	468		50.0		mg/kg		02/24/21 17:00	02/25/21 04:21	1
Motor Oil Range Hydrocarbons (MRO)	259		50.0		mg/kg		02/24/21 17:00	02/25/21 04:21	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-2 (1')

Lab Sample ID: 890-224-9

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4180		50.0		mg/kg		02/24/21 17:00	02/25/21 04:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 135	02/24/21 17:00	02/25/21 04:21	1
o-Terphenyl	143		70 - 135	02/24/21 17:00	02/25/21 04:21	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0410		0.00198		mg/kg		02/24/21 11:00	02/24/21 21:52	1
Ethylbenzene	0.273		0.00198		mg/kg		02/24/21 11:00	02/24/21 21:52	1
m,p-Xylenes	9.12		0.198		mg/kg		02/24/21 11:00	02/25/21 11:21	50
o-Xylene	0.381		0.00198		mg/kg		02/24/21 11:00	02/24/21 21:52	1
Toluene	3.28		0.0992		mg/kg		02/24/21 11:00	02/25/21 11:21	50
Total BTEX	13.1		0.00198		mg/kg		02/24/21 11:00	02/25/21 11:21	50
Total Xylenes	9.50		0.00198		mg/kg		02/24/21 11:00	02/25/21 11:21	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130	02/24/21 11:00	02/24/21 21:52	1
4-Bromofluorobenzene	214		70 - 130	02/24/21 11:00	02/24/21 21:52	1

Client Sample ID: T-2 (2')

Lab Sample ID: 890-224-10

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9920		99.4		mg/kg		02/24/21 16:40	02/24/21 20:47	20

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	3070		50.0		mg/kg		02/24/21 17:00	02/25/21 04:55	1
Gasoline Range Hydrocarbons (GRO)	505		50.0		mg/kg		02/24/21 17:00	02/25/21 04:55	1
Motor Oil Range Hydrocarbons (MRO)	208		50.0		mg/kg		02/24/21 17:00	02/25/21 04:55	1
Total TPH	3780		50.0		mg/kg		02/24/21 17:00	02/25/21 04:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 135	02/24/21 17:00	02/25/21 04:55	1
o-Terphenyl	104		70 - 135	02/24/21 17:00	02/25/21 04:55	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0171		0.00200		mg/kg		02/24/21 11:00	02/24/21 23:14	1
Ethylbenzene	0.861		0.200		mg/kg		02/24/21 11:00	02/25/21 12:13	100
m,p-Xylenes	6.45		0.400		mg/kg		02/24/21 11:00	02/25/21 12:13	100
o-Xylene	0.814		0.200		mg/kg		02/24/21 11:00	02/25/21 12:13	100
Toluene	0.246		0.00200		mg/kg		02/24/21 11:00	02/24/21 23:14	1
Total BTEX	8.39		0.00200		mg/kg		02/24/21 11:00	02/25/21 12:13	100
Total Xylenes	7.26		0.200		mg/kg		02/24/21 11:00	02/25/21 12:13	100

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-2 (2')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-10

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	101		70 - 130	02/24/21 11:00	02/24/21 23:14	1
4-Bromofluorobenzene	847		70 - 130	02/24/21 11:00	02/24/21 23:14	1

Client Sample ID: T-2 (3')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-11

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9180		100		mg/kg		02/24/21 16:40	02/24/21 20:52	20

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	2790		49.9		mg/kg		02/24/21 17:00	02/25/21 05:54	1
Gasoline Range Hydrocarbons (GRO)	456		49.9		mg/kg		02/24/21 17:00	02/25/21 05:54	1
Motor Oil Range Hydrocarbons (MRO)	190		49.9		mg/kg		02/24/21 17:00	02/25/21 05:54	1
Total TPH	3440		49.9		mg/kg		02/24/21 17:00	02/25/21 05:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 135				02/24/21 17:00	02/25/21 05:54	1
o-Terphenyl	104		70 - 135				02/24/21 17:00	02/25/21 05:54	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0137		0.00201		mg/kg		02/24/21 11:00	02/24/21 23:35	1
Ethylbenzene	0.299		0.00201		mg/kg		02/24/21 11:00	02/24/21 23:35	1
m,p-Xylenes	6.93		0.201		mg/kg		02/24/21 11:00	02/25/21 10:56	50
o-Xylene	0.374		0.00201		mg/kg		02/24/21 11:00	02/24/21 23:35	1
Toluene	0.152		0.00201		mg/kg		02/24/21 11:00	02/24/21 23:35	1
Total BTEX	7.77		0.00201		mg/kg		02/24/21 11:00	02/25/21 10:56	50
Total Xylenes	7.30		0.00201		mg/kg		02/24/21 11:00	02/25/21 10:56	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	103		70 - 130				02/24/21 11:00	02/24/21 23:35	1
4-Bromofluorobenzene	653		70 - 130				02/24/21 11:00	02/24/21 23:35	1

Client Sample ID: T-2 (4')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-12

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1210		24.8		mg/kg		02/24/21 16:40	02/24/21 21:08	5

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	1130		50.0		mg/kg		02/24/21 17:00	02/25/21 06:30	1
Gasoline Range Hydrocarbons (GRO)	113		50.0		mg/kg		02/24/21 17:00	02/25/21 06:30	1
Motor Oil Range Hydrocarbons (MRO)	101		50.0		mg/kg		02/24/21 17:00	02/25/21 06:30	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-2 (4')

Lab Sample ID: 890-224-12

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1340		50.0		mg/kg		02/24/21 17:00	02/25/21 06:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 135				02/24/21 17:00	02/25/21 06:30	1
o-Terphenyl	156		70 - 135				02/24/21 17:00	02/25/21 06:30	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		02/24/21 11:00	02/24/21 23:55	1
Ethylbenzene	0.0341		0.00202		mg/kg		02/24/21 11:00	02/24/21 23:55	1
m,p-Xylenes	0.168		0.00403		mg/kg		02/24/21 11:00	02/24/21 23:55	1
o-Xylene	0.00574		0.00202		mg/kg		02/24/21 11:00	02/24/21 23:55	1
Toluene	0.00697		0.00202		mg/kg		02/24/21 11:00	02/24/21 23:55	1
Total BTEX	0.215		0.00202		mg/kg		02/24/21 11:00	02/24/21 23:55	1
Total Xylenes	0.174		0.00202		mg/kg		02/24/21 11:00	02/24/21 23:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	92		70 - 130				02/24/21 11:00	02/24/21 23:55	1
4-Bromofluorobenzene	226		70 - 130				02/24/21 11:00	02/24/21 23:55	1

Client Sample ID: T-2 (5')

Lab Sample ID: 890-224-13

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1110		4.95		mg/kg		02/24/21 16:40	02/24/21 21:14	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	1420		50.0		mg/kg		02/24/21 17:00	02/25/21 06:53	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 06:53	1
Motor Oil Range Hydrocarbons (MRO)	112		50.0		mg/kg		02/24/21 17:00	02/25/21 06:53	1
Total TPH	1530		50.0		mg/kg		02/24/21 17:00	02/25/21 06:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 135				02/24/21 17:00	02/25/21 06:53	1
o-Terphenyl	104		70 - 135				02/24/21 17:00	02/25/21 06:53	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00238		0.00200		mg/kg		02/24/21 11:00	02/25/21 00:16	1
Ethylbenzene	0.00462		0.00200		mg/kg		02/24/21 11:00	02/25/21 00:16	1
m,p-Xylenes	0.0166		0.00401		mg/kg		02/24/21 11:00	02/25/21 00:16	1
o-Xylene	0.00444		0.00200		mg/kg		02/24/21 11:00	02/25/21 00:16	1
Toluene	0.00994		0.00200		mg/kg		02/24/21 11:00	02/25/21 00:16	1
Total BTEX	0.0380		0.00200		mg/kg		02/24/21 11:00	02/25/21 00:16	1
Total Xylenes	0.0210		0.00200		mg/kg		02/24/21 11:00	02/25/21 00:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	101		70 - 130				02/24/21 11:00	02/25/21 00:16	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-2 (5')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-13

Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	127		70 - 130	02/24/21 11:00	02/25/21 00:16	1

Client Sample ID: T-2 (6')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-14

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	386		4.98		mg/kg		02/24/21 16:40	02/24/21 21:30	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 07:15	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 07:15	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 07:15	1
Total TPH	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 07:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 135	02/24/21 17:00	02/25/21 07:15	1
o-Terphenyl	98		70 - 135	02/24/21 17:00	02/25/21 07:15	1

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

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-15

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4450		24.9		mg/kg		02/24/21 16:40	02/24/21 21:35	5

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	1690		50.0		mg/kg		02/24/21 17:00	02/25/21 07:35	1
Gasoline Range Hydrocarbons (GRO)	1030		50.0		mg/kg		02/24/21 17:00	02/25/21 07:35	1
Motor Oil Range Hydrocarbons (MRO)	104		50.0		mg/kg		02/24/21 17:00	02/25/21 07:35	1
Total TPH	2820		50.0		mg/kg		02/24/21 17:00	02/25/21 07:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 135	02/24/21 17:00	02/25/21 07:35	1
o-Terphenyl	105		70 - 135	02/24/21 17:00	02/25/21 07:35	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.97		0.400		mg/kg		02/24/21 11:00	02/25/21 16:03	200
Ethylbenzene	6.93		0.400		mg/kg		02/24/21 11:00	02/25/21 16:03	200
m,p-Xylenes	37.1		0.800		mg/kg		02/24/21 11:00	02/25/21 16:03	200
o-Xylene	14.0		0.400		mg/kg		02/24/21 11:00	02/25/21 16:03	200
Toluene	17.6		0.400		mg/kg		02/24/21 11:00	02/25/21 16:03	200
Total BTEX	78.6		0.400		mg/kg		02/24/21 11:00	02/25/21 16:03	200
Total Xylenes	51.1		0.400		mg/kg		02/24/21 11:00	02/25/21 16:03	200

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

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

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-15

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	107		70 - 130	02/24/21 11:00	02/25/21 00:56	1
4-Bromofluorobenzene	627		70 - 130	02/24/21 11:00	02/25/21 00:56	1

Client Sample ID: T-3 (1')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-16

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3340		24.9		mg/kg		02/24/21 16:40	02/24/21 21:40	5

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	2980		49.9		mg/kg		02/24/21 17:00	02/25/21 08:05	1
Gasoline Range Hydrocarbons (GRO)	1820		49.9		mg/kg		02/24/21 17:00	02/25/21 08:05	1
Motor Oil Range Hydrocarbons (MRO)	206		49.9		mg/kg		02/24/21 17:00	02/25/21 08:05	1
Total TPH	5010		49.9		mg/kg		02/24/21 17:00	02/25/21 08:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 135				02/24/21 17:00	02/25/21 08:05	1
o-Terphenyl	119		70 - 135				02/24/21 17:00	02/25/21 08:05	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.69		0.398		mg/kg		02/24/21 11:00	02/25/21 16:28	200
Ethylbenzene	4.08		0.398		mg/kg		02/24/21 11:00	02/25/21 16:28	200
m,p-Xylenes	41.8		0.795		mg/kg		02/24/21 11:00	02/25/21 16:28	200
o-Xylene	13.6		0.398		mg/kg		02/24/21 11:00	02/25/21 16:28	200
Toluene	21.3		0.398		mg/kg		02/24/21 11:00	02/25/21 16:28	200
Total BTEX	84.5		0.398		mg/kg		02/24/21 11:00	02/25/21 16:28	200
Total Xylenes	55.4		0.398		mg/kg		02/24/21 11:00	02/25/21 16:28	200
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	109		70 - 130				02/24/21 11:00	02/25/21 01:17	1
4-Bromofluorobenzene	690		70 - 130				02/24/21 11:00	02/25/21 01:17	1

Client Sample ID: T-3 (2')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-17

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4740		49.8		mg/kg		02/24/21 16:40	02/24/21 21:46	10

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	2820		50.0		mg/kg		02/24/21 17:00	02/25/21 08:42	1
Gasoline Range Hydrocarbons (GRO)	1350		50.0		mg/kg		02/24/21 17:00	02/25/21 08:42	1
Motor Oil Range Hydrocarbons (MRO)	201		50.0		mg/kg		02/24/21 17:00	02/25/21 08:42	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-3 (2')

Lab Sample ID: 890-224-17

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4370		50.0		mg/kg		02/24/21 17:00	02/25/21 08:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 135	02/24/21 17:00	02/25/21 08:42	1
o-Terphenyl	107		70 - 135	02/24/21 17:00	02/25/21 08:42	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.36		0.398		mg/kg		02/24/21 11:00	02/25/21 16:53	200
Ethylbenzene	2.97		0.398		mg/kg		02/24/21 11:00	02/25/21 16:53	200
m,p-Xylenes	30.9		0.797		mg/kg		02/24/21 11:00	02/25/21 16:53	200
o-Xylene	9.81		0.398		mg/kg		02/24/21 11:00	02/25/21 16:53	200
Toluene	16.0		0.398		mg/kg		02/24/21 11:00	02/25/21 16:53	200
Total BTEX	63.0		0.398		mg/kg		02/24/21 11:00	02/25/21 16:53	200
Total Xylenes	40.7		0.398		mg/kg		02/24/21 11:00	02/25/21 16:53	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	104		70 - 130	02/24/21 11:00	02/25/21 01:37	1
4-Bromofluorobenzene	890		70 - 130	02/24/21 11:00	02/25/21 01:37	1

Client Sample ID: T-3 (3')

Lab Sample ID: 890-224-18

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	483		4.96		mg/kg		02/24/21 16:40	02/24/21 21:51	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	1620		49.9		mg/kg		02/24/21 17:00	02/25/21 09:18	1
Gasoline Range Hydrocarbons (GRO)	1020		49.9		mg/kg		02/24/21 17:00	02/25/21 09:18	1
Motor Oil Range Hydrocarbons (MRO)	104		49.9		mg/kg		02/24/21 17:00	02/25/21 09:18	1
Total TPH	2740		49.9		mg/kg		02/24/21 17:00	02/25/21 09:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 135	02/24/21 17:00	02/25/21 09:18	1
o-Terphenyl	95		70 - 135	02/24/21 17:00	02/25/21 09:18	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	4.17		0.399		mg/kg		02/24/21 11:00	02/25/21 17:19	200
Ethylbenzene	7.14		0.399		mg/kg		02/24/21 11:00	02/25/21 17:19	200
m,p-Xylenes	51.2		0.798		mg/kg		02/24/21 11:00	02/25/21 17:19	200
o-Xylene	16.9		0.399		mg/kg		02/24/21 11:00	02/25/21 17:19	200
Toluene	31.2		0.399		mg/kg		02/24/21 11:00	02/25/21 17:19	200
Total BTEX	111		0.399		mg/kg		02/24/21 11:00	02/25/21 17:19	200
Total Xylenes	68.1		0.399		mg/kg		02/24/21 11:00	02/25/21 17:19	200

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-3 (3')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-18

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	93		70 - 130	02/24/21 11:00	02/25/21 01:58	1
4-Bromofluorobenzene	627		70 - 130	02/24/21 11:00	02/25/21 01:58	1

Client Sample ID: T-3 (4')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-19

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.3		4.97		mg/kg		02/24/21 16:40	02/24/21 21:56	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	2180		49.8		mg/kg		02/24/21 17:00	02/25/21 09:48	1
Gasoline Range Hydrocarbons (GRO)	822		49.8		mg/kg		02/24/21 17:00	02/25/21 09:48	1
Motor Oil Range Hydrocarbons (MRO)	134		49.8		mg/kg		02/24/21 17:00	02/25/21 09:48	1
Total TPH	3140		49.8		mg/kg		02/24/21 17:00	02/25/21 09:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 135				02/24/21 17:00	02/25/21 09:48	1
o-Terphenyl	108		70 - 135				02/24/21 17:00	02/25/21 09:48	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.115		0.00200		mg/kg		02/24/21 11:00	02/25/21 02:18	1
Ethylbenzene	0.284		0.00200		mg/kg		02/24/21 11:00	02/25/21 02:18	1
m,p-Xylenes	0.688		0.00400		mg/kg		02/24/21 11:00	02/25/21 02:18	1
o-Xylene	0.322		0.00200		mg/kg		02/24/21 11:00	02/25/21 02:18	1
Toluene	0.164		0.00200		mg/kg		02/24/21 11:00	02/25/21 02:18	1
Total BTEX	1.57		0.00200		mg/kg		02/24/21 11:00	02/25/21 02:18	1
Total Xylenes	1.01		0.00200		mg/kg		02/24/21 11:00	02/25/21 02:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	89		70 - 130				02/24/21 11:00	02/25/21 02:18	1
4-Bromofluorobenzene	403		70 - 130				02/24/21 11:00	02/25/21 02:18	1

Client Sample ID: T-3 (5')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-20

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.4		4.99		mg/kg		02/24/21 16:40	02/24/21 22:02	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	4050		50.0		mg/kg		02/24/21 17:00	02/25/21 10:18	1
Gasoline Range Hydrocarbons (GRO)	1170		50.0		mg/kg		02/24/21 17:00	02/25/21 10:18	1
Motor Oil Range Hydrocarbons (MRO)	290		50.0		mg/kg		02/24/21 17:00	02/25/21 10:18	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-3 (5')

Lab Sample ID: 890-224-20

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5510		50.0		mg/kg		02/24/21 17:00	02/25/21 10:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 135	02/24/21 17:00	02/25/21 10:18	1
o-Terphenyl	104		70 - 135	02/24/21 17:00	02/25/21 10:18	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0210		0.00200		mg/kg		02/24/21 11:15	02/25/21 05:42	1
Ethylbenzene	0.199		0.00200		mg/kg		02/24/21 11:15	02/25/21 05:42	1
m,p-Xylenes	0.351		0.00401		mg/kg		02/24/21 11:15	02/25/21 05:42	1
o-Xylene	0.224		0.00200		mg/kg		02/24/21 11:15	02/25/21 05:42	1
Toluene	0.0307		0.00200		mg/kg		02/24/21 11:15	02/25/21 05:42	1
Total BTEX	0.826		0.00200		mg/kg		02/24/21 11:15	02/25/21 05:42	1
Total Xylenes	0.575		0.00200		mg/kg		02/24/21 11:15	02/25/21 05:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	120		70 - 130	02/24/21 11:15	02/25/21 05:42	1
4-Bromofluorobenzene	533		70 - 130	02/24/21 11:15	02/25/21 05:42	1

Client Sample ID: T-3 (6')

Lab Sample ID: 890-224-21

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.3		4.96		mg/kg		02/24/21 17:25	02/24/21 22:34	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	3390		50.0		mg/kg		02/24/21 17:00	02/24/21 23:34	1
Gasoline Range Hydrocarbons (GRO)	571		50.0		mg/kg		02/24/21 17:00	02/24/21 23:34	1
Motor Oil Range Hydrocarbons (MRO)	258		50.0		mg/kg		02/24/21 17:00	02/24/21 23:34	1
Total TPH	4220		50.0		mg/kg		02/24/21 17:00	02/24/21 23:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 135	02/24/21 17:00	02/24/21 23:34	1
o-Terphenyl	114		70 - 135	02/24/21 17:00	02/24/21 23:34	1

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

Lab Sample ID: 890-224-22

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	292		4.97		mg/kg		02/24/21 17:25	02/24/21 22:50	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	5160		50.0		mg/kg		02/24/21 17:00	02/25/21 01:34	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

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

Lab Sample ID: 890-224-22

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	1430		50.0		mg/kg		02/24/21 17:00	02/25/21 01:34	1
Motor Oil Range Hydrocarbons (MRO)	371		50.0		mg/kg		02/24/21 17:00	02/25/21 01:34	1
Total TPH	6960		50.0		mg/kg		02/24/21 17:00	02/25/21 01:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 135	02/24/21 17:00	02/25/21 01:34	1
o-Terphenyl	116		70 - 135	02/24/21 17:00	02/25/21 01:34	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0168		0.00199		mg/kg		02/24/21 11:15	02/25/21 06:22	1
Ethylbenzene	0.829		0.199		mg/kg		02/24/21 11:15	02/25/21 12:38	100
m,p-Xylenes	3.31		0.398		mg/kg		02/24/21 11:15	02/25/21 12:38	100
o-Xylene	1.39		0.199		mg/kg		02/24/21 11:15	02/25/21 12:38	100
Toluene	0.359		0.00199		mg/kg		02/24/21 11:15	02/25/21 06:22	1
Total BTEX	5.90		0.00199		mg/kg		02/24/21 11:15	02/25/21 12:38	100
Total Xylenes	4.70		0.199		mg/kg		02/24/21 11:15	02/25/21 12:38	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	119		70 - 130	02/24/21 11:15	02/25/21 06:22	1
4-Bromofluorobenzene	893		70 - 130	02/24/21 11:15	02/25/21 06:22	1

Client Sample ID: T-4 (1')

Lab Sample ID: 890-224-23

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	394		5.00		mg/kg		02/24/21 17:25	02/24/21 22:55	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	5190		49.8		mg/kg		02/24/21 17:00	02/25/21 02:04	1
Gasoline Range Hydrocarbons (GRO)	1470		49.8		mg/kg		02/24/21 17:00	02/25/21 02:04	1
Motor Oil Range Hydrocarbons (MRO)	372		49.8		mg/kg		02/24/21 17:00	02/25/21 02:04	1
Total TPH	7030		49.8		mg/kg		02/24/21 17:00	02/25/21 02:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 135	02/24/21 17:00	02/25/21 02:04	1
o-Terphenyl	112		70 - 135	02/24/21 17:00	02/25/21 02:04	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0121		0.00200		mg/kg		02/24/21 11:15	02/25/21 06:43	1
Ethylbenzene	2.82		0.200		mg/kg		02/24/21 11:15	02/25/21 13:31	100
m,p-Xylenes	6.83		0.399		mg/kg		02/24/21 11:15	02/25/21 13:31	100
o-Xylene	1.56		0.200		mg/kg		02/24/21 11:15	02/25/21 13:31	100
Toluene	9.10		0.200		mg/kg		02/24/21 11:15	02/25/21 13:31	100

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-4 (1')

Lab Sample ID: 890-224-23

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	20.3		0.00200		mg/kg		02/24/21 11:15	02/25/21 13:31	100
Total Xylenes	8.39		0.200		mg/kg		02/24/21 11:15	02/25/21 13:31	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130				02/24/21 11:15	02/25/21 06:43	1
4-Bromofluorobenzene	1023		70 - 130				02/24/21 11:15	02/25/21 06:43	1

Client Sample ID: T-4 (2')

Lab Sample ID: 890-224-24

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	396		4.95		mg/kg		02/24/21 17:25	02/24/21 23:00	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	3460		49.9		mg/kg		02/24/21 17:00	02/25/21 02:25	1
Gasoline Range Hydrocarbons (GRO)	986		49.9		mg/kg		02/24/21 17:00	02/25/21 02:25	1
Motor Oil Range Hydrocarbons (MRO)	247		49.9		mg/kg		02/24/21 17:00	02/25/21 02:25	1
Total TPH	4690		49.9		mg/kg		02/24/21 17:00	02/25/21 02:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 135				02/24/21 17:00	02/25/21 02:25	1
o-Terphenyl	115		70 - 135				02/24/21 17:00	02/25/21 02:25	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0152		0.00201		mg/kg		02/24/21 11:15	02/25/21 07:03	1
Ethylbenzene	0.520		0.201		mg/kg		02/24/21 11:15	02/25/21 13:05	100
m,p-Xylenes	5.94		0.402		mg/kg		02/24/21 11:15	02/25/21 13:05	100
o-Xylene	1.50		0.201		mg/kg		02/24/21 11:15	02/25/21 13:05	100
Toluene	0.343		0.00201		mg/kg		02/24/21 11:15	02/25/21 07:03	1
Total BTEX	8.32		0.00201		mg/kg		02/24/21 11:15	02/25/21 13:05	100
Total Xylenes	7.44		0.201		mg/kg		02/24/21 11:15	02/25/21 13:05	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	119		70 - 130				02/24/21 11:15	02/25/21 07:03	1
4-Bromofluorobenzene	940		70 - 130				02/24/21 11:15	02/25/21 07:03	1

Client Sample ID: T-4 (3')

Lab Sample ID: 890-224-25

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	926		5.01		mg/kg		02/24/21 17:25	02/24/21 23:05	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-4 (3')

Lab Sample ID: 890-224-25

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	370		50.0		mg/kg		02/24/21 17:00	02/25/21 02:46	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 02:46	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 02:46	1
Total TPH	370		50.0		mg/kg		02/24/21 17:00	02/25/21 02:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 135	02/24/21 17:00	02/25/21 02:46	1
o-Terphenyl	107		70 - 135	02/24/21 17:00	02/25/21 02:46	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		02/24/21 17:00	02/25/21 10:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		02/24/21 17:00	02/25/21 10:30	1
m,p-Xylenes	<0.00400	U	0.00400		mg/kg		02/24/21 17:00	02/25/21 10:30	1
o-Xylene	<0.00200	U	0.00200		mg/kg		02/24/21 17:00	02/25/21 10:30	1
Toluene	<0.00200	U	0.00200		mg/kg		02/24/21 17:00	02/25/21 10:30	1
Total BTEX	<0.00200	U	0.00200		mg/kg		02/24/21 17:00	02/25/21 10:30	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		02/24/21 17:00	02/25/21 10:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	91		70 - 130	02/24/21 17:00	02/25/21 10:30	1
4-Bromofluorobenzene	121		70 - 130	02/24/21 17:00	02/25/21 10:30	1

Client Sample ID: T-4 (4')

Lab Sample ID: 890-224-26

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1040		4.98		mg/kg		02/24/21 17:25	02/24/21 23:21	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	241		50.0		mg/kg		02/24/21 17:00	02/25/21 03:08	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 03:08	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 03:08	1
Total TPH	241		50.0		mg/kg		02/24/21 17:00	02/25/21 03:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 135	02/24/21 17:00	02/25/21 03:08	1
o-Terphenyl	106		70 - 135	02/24/21 17:00	02/25/21 03:08	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/kg		02/24/21 11:15	02/25/21 07:44	1
Ethylbenzene	<0.00198	U	0.00198		mg/kg		02/24/21 11:15	02/25/21 07:44	1
m,p-Xylenes	<0.00396	U	0.00396		mg/kg		02/24/21 11:15	02/25/21 07:44	1
o-Xylene	0.0246		0.00198		mg/kg		02/24/21 11:15	02/25/21 07:44	1
Toluene	<0.00198	U	0.00198		mg/kg		02/24/21 11:15	02/25/21 07:44	1
Total BTEX	0.0246		0.00198		mg/kg		02/24/21 11:15	02/25/21 07:44	1
Total Xylenes	0.0246		0.00198		mg/kg		02/24/21 11:15	02/25/21 07:44	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-4 (4')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-26

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	102		70 - 130	02/24/21 11:15	02/25/21 07:44	1
4-Bromofluorobenzene	110		70 - 130	02/24/21 11:15	02/25/21 07:44	1

Client Sample ID: T-4 (5')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-27

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.3		50.5		mg/kg		02/24/21 17:25	02/24/21 23:27	10

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 03:29	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 03:29	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 03:29	1
Total TPH	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 03:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 135	02/24/21 17:00	02/25/21 03:29	1
o-Terphenyl	111		70 - 135	02/24/21 17:00	02/25/21 03:29	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		02/24/21 11:15	02/25/21 08:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		02/24/21 11:15	02/25/21 08:05	1
m,p-Xylenes	<0.00400	U	0.00400		mg/kg		02/24/21 11:15	02/25/21 08:05	1
o-Xylene	0.00998		0.00200		mg/kg		02/24/21 11:15	02/25/21 08:05	1
Toluene	0.00435		0.00200		mg/kg		02/24/21 11:15	02/25/21 08:05	1
Total BTEX	0.0143		0.00200		mg/kg		02/24/21 11:15	02/25/21 08:05	1
Total Xylenes	0.00998		0.00200		mg/kg		02/24/21 11:15	02/25/21 08:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	100		70 - 130	02/24/21 11:15	02/25/21 08:05	1
4-Bromofluorobenzene	109		70 - 130	02/24/21 11:15	02/25/21 08:05	1

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

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-28

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	289		5.04		mg/kg		02/24/21 17:25	02/24/21 23:32	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	3440		49.8		mg/kg		02/24/21 17:00	02/25/21 03:51	1
Gasoline Range Hydrocarbons (GRO)	971		49.8		mg/kg		02/24/21 17:00	02/25/21 03:51	1
Motor Oil Range Hydrocarbons (MRO)	252		49.8		mg/kg		02/24/21 17:00	02/25/21 03:51	1
Total TPH	4660		49.8		mg/kg		02/24/21 17:00	02/25/21 03:51	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

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

Lab Sample ID: 890-224-28

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 135	02/24/21 17:00	02/25/21 03:51	1
o-Terphenyl	111		70 - 135	02/24/21 17:00	02/25/21 03:51	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0127		0.00201		mg/kg		02/24/21 11:15	02/25/21 08:25	1
Ethylbenzene	0.856		0.201		mg/kg		02/24/21 11:15	02/25/21 13:56	100
m,p-Xylenes	0.235		0.00402		mg/kg		02/24/21 11:15	02/25/21 08:25	1
o-Xylene	1.59		0.201		mg/kg		02/24/21 11:15	02/25/21 13:56	100
Toluene	1.07		0.201		mg/kg		02/24/21 11:15	02/25/21 13:56	100
Total BTEX	3.76		0.00201		mg/kg		02/24/21 11:15	02/25/21 13:56	100
Total Xylenes	1.83		0.00402		mg/kg		02/24/21 11:15	02/25/21 13:56	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130	02/24/21 11:15	02/25/21 08:25	1
4-Bromofluorobenzene	1027		70 - 130	02/24/21 11:15	02/25/21 08:25	1

Client Sample ID: T-5 (1')

Lab Sample ID: 890-224-29

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	275		4.99		mg/kg		02/24/21 17:25	02/24/21 23:37	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	4750		50.0		mg/kg		02/24/21 17:00	02/25/21 04:21	1
Gasoline Range Hydrocarbons (GRO)	1200		50.0		mg/kg		02/24/21 17:00	02/25/21 04:21	1
Motor Oil Range Hydrocarbons (MRO)	353		50.0		mg/kg		02/24/21 17:00	02/25/21 04:21	1
Total TPH	6300		50.0		mg/kg		02/24/21 17:00	02/25/21 04:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 135	02/24/21 17:00	02/25/21 04:21	1
o-Terphenyl	111		70 - 135	02/24/21 17:00	02/25/21 04:21	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		02/24/21 11:15	02/25/21 09:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		02/24/21 11:15	02/25/21 09:03	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		02/24/21 11:15	02/25/21 09:03	1
o-Xylene	<0.00199	U	0.00199		mg/kg		02/24/21 11:15	02/25/21 09:03	1
Toluene	<0.00199	U	0.00199		mg/kg		02/24/21 11:15	02/25/21 09:03	1
Total BTEX	<0.00199	U	0.00199		mg/kg		02/24/21 11:15	02/25/21 09:03	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		02/24/21 11:15	02/25/21 09:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	100		70 - 130	02/24/21 11:15	02/25/21 09:03	1
4-Bromofluorobenzene	111		70 - 130	02/24/21 11:15	02/25/21 09:03	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-5 (2')

Lab Sample ID: 890-224-30

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3480		24.8		mg/kg		02/24/21 17:25	02/24/21 23:43	5

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	1480		50.0		mg/kg		02/24/21 17:00	02/25/21 04:55	1
Gasoline Range Hydrocarbons (GRO)	167		50.0		mg/kg		02/24/21 17:00	02/25/21 04:55	1
Motor Oil Range Hydrocarbons (MRO)	124		50.0		mg/kg		02/24/21 17:00	02/25/21 04:55	1
Total TPH	1770		50.0		mg/kg		02/24/21 17:00	02/25/21 04:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 135	02/24/21 17:00	02/25/21 04:55	1
o-Terphenyl	113		70 - 135	02/24/21 17:00	02/25/21 04:55	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		02/24/21 11:15	02/25/21 10:26	1
Ethylbenzene	0.0371		0.00200		mg/kg		02/24/21 11:15	02/25/21 10:26	1
m,p-Xylenes	0.0737		0.00399		mg/kg		02/24/21 11:15	02/25/21 10:26	1
o-Xylene	0.0584		0.00200		mg/kg		02/24/21 11:15	02/25/21 10:26	1
Toluene	0.00242		0.00200		mg/kg		02/24/21 11:15	02/25/21 10:26	1
Total BTEX	0.172		0.00200		mg/kg		02/24/21 11:15	02/25/21 10:26	1
Total Xylenes	0.132		0.00200		mg/kg		02/24/21 11:15	02/25/21 10:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	89		70 - 130	02/24/21 11:15	02/25/21 10:26	1
4-Bromofluorobenzene	177		70 - 130	02/24/21 11:15	02/25/21 10:26	1

Client Sample ID: T-5 (3')

Lab Sample ID: 890-224-31

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		5.00		mg/kg		02/24/21 17:25	02/24/21 23:48	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	3470		49.9		mg/kg		02/24/21 17:00	02/25/21 05:54	1
Gasoline Range Hydrocarbons (GRO)	380		49.9		mg/kg		02/24/21 17:00	02/25/21 05:54	1
Motor Oil Range Hydrocarbons (MRO)	263		49.9		mg/kg		02/24/21 17:00	02/25/21 05:54	1
Total TPH	4110		49.9		mg/kg		02/24/21 17:00	02/25/21 05:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 135	02/24/21 17:00	02/25/21 05:54	1
o-Terphenyl	116		70 - 135	02/24/21 17:00	02/25/21 05:54	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00255		0.00201		mg/kg		02/24/21 11:15	02/25/21 10:46	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-5 (3')

Lab Sample ID: 890-224-31

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.0500		0.00201		mg/kg		02/24/21 11:15	02/25/21 10:46	1
m,p-Xylenes	0.113		0.00402		mg/kg		02/24/21 11:15	02/25/21 10:46	1
o-Xylene	0.0860		0.00201		mg/kg		02/24/21 11:15	02/25/21 10:46	1
Toluene	0.0113		0.00201		mg/kg		02/24/21 11:15	02/25/21 10:46	1
Total BTEX	0.263		0.00201		mg/kg		02/24/21 11:15	02/25/21 10:46	1
Total Xylenes	0.199		0.00201		mg/kg		02/24/21 11:15	02/25/21 10:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	100		70 - 130	02/24/21 11:15	02/25/21 10:46	1
4-Bromofluorobenzene	247		70 - 130	02/24/21 11:15	02/25/21 10:46	1

Client Sample ID: T-5 (4')

Lab Sample ID: 890-224-32

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	199		4.96		mg/kg		02/24/21 17:25	02/25/21 00:04	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		02/24/21 17:00	02/25/21 06:30	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		02/24/21 17:00	02/25/21 06:30	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		02/24/21 17:00	02/25/21 06:30	1
Total TPH	<49.8	U	49.8		mg/kg		02/24/21 17:00	02/25/21 06:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 135	02/24/21 17:00	02/25/21 06:30	1
o-Terphenyl	127		70 - 135	02/24/21 17:00	02/25/21 06:30	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		02/24/21 11:15	02/25/21 11:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		02/24/21 11:15	02/25/21 11:06	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		02/24/21 11:15	02/25/21 11:06	1
o-Xylene	<0.00199	U	0.00199		mg/kg		02/24/21 11:15	02/25/21 11:06	1
Toluene	<0.00199	U	0.00199		mg/kg		02/24/21 11:15	02/25/21 11:06	1
Total BTEX	<0.00199	U	0.00199		mg/kg		02/24/21 11:15	02/25/21 11:06	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		02/24/21 11:15	02/25/21 11:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	100		70 - 130	02/24/21 11:15	02/25/21 11:06	1
4-Bromofluorobenzene	106		70 - 130	02/24/21 11:15	02/25/21 11:06	1

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

Lab Sample ID: 890-224-33

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1130		4.97		mg/kg		02/24/21 17:25	02/25/21 00:09	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

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

Lab Sample ID: 890-224-33

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 06:53	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 06:53	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 06:53	1
Total TPH	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 06:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 135	02/24/21 17:00	02/25/21 06:53	1
o-Terphenyl	114		70 - 135	02/24/21 17:00	02/25/21 06:53	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/kg		02/24/21 11:15	02/25/21 11:27	1
Ethylbenzene	<0.00198	U	0.00198		mg/kg		02/24/21 11:15	02/25/21 11:27	1
m,p-Xylenes	<0.00397	U	0.00397		mg/kg		02/24/21 11:15	02/25/21 11:27	1
o-Xylene	<0.00198	U	0.00198		mg/kg		02/24/21 11:15	02/25/21 11:27	1
Toluene	<0.00198	U	0.00198		mg/kg		02/24/21 11:15	02/25/21 11:27	1
Total BTEX	<0.00198	U	0.00198		mg/kg		02/24/21 11:15	02/25/21 11:27	1
Total Xylenes	<0.00198	U	0.00198		mg/kg		02/24/21 11:15	02/25/21 11:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130	02/24/21 11:15	02/25/21 11:27	1
4-Bromofluorobenzene	107		70 - 130	02/24/21 11:15	02/25/21 11:27	1

Client Sample ID: T-6 (1')

Lab Sample ID: 890-224-34

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1490		25.2		mg/kg		02/24/21 17:25	02/25/21 00:25	5

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 07:15	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 07:15	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 07:15	1
Total TPH	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 07:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 135	02/24/21 17:00	02/25/21 07:15	1
o-Terphenyl	112		70 - 135	02/24/21 17:00	02/25/21 07:15	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		02/24/21 11:15	02/25/21 11:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		02/24/21 11:15	02/25/21 11:47	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		02/24/21 11:15	02/25/21 11:47	1
o-Xylene	<0.00201	U	0.00201		mg/kg		02/24/21 11:15	02/25/21 11:47	1
Toluene	<0.00201	U	0.00201		mg/kg		02/24/21 11:15	02/25/21 11:47	1
Total BTEX	<0.00201	U	0.00201		mg/kg		02/24/21 11:15	02/25/21 11:47	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		02/24/21 11:15	02/25/21 11:47	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-6 (1')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-34

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	99		70 - 130	02/24/21 11:15	02/25/21 11:47	1
4-Bromofluorobenzene	108		70 - 130	02/24/21 11:15	02/25/21 11:47	1

Client Sample ID: T-6 (2')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-35

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1110		4.96		mg/kg		02/24/21 17:25	02/25/21 00:31	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 07:35	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 07:35	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 07:35	1
Total TPH	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 07:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 135	02/24/21 17:00	02/25/21 07:35	1
o-Terphenyl	110		70 - 135	02/24/21 17:00	02/25/21 07:35	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		02/24/21 11:15	02/25/21 12:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		02/24/21 11:15	02/25/21 12:08	1
m,p-Xylenes	<0.00404	U	0.00404		mg/kg		02/24/21 11:15	02/25/21 12:08	1
o-Xylene	<0.00202	U	0.00202		mg/kg		02/24/21 11:15	02/25/21 12:08	1
Toluene	<0.00202	U	0.00202		mg/kg		02/24/21 11:15	02/25/21 12:08	1
Total BTEX	<0.00202	U	0.00202		mg/kg		02/24/21 11:15	02/25/21 12:08	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		02/24/21 11:15	02/25/21 12:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130	02/24/21 11:15	02/25/21 12:08	1
4-Bromofluorobenzene	105		70 - 130	02/24/21 11:15	02/25/21 12:08	1

Client Sample ID: T-6 (3')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-36

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.5		4.98		mg/kg		02/24/21 17:25	02/25/21 00:36	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 08:05	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 08:05	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 08:05	1
Total TPH	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 08:05	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-6 (3')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-36

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 135	02/24/21 17:00	02/25/21 08:05	1
o-Terphenyl	117		70 - 135	02/24/21 17:00	02/25/21 08:05	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/kg		02/24/21 11:15	02/25/21 12:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/kg		02/24/21 11:15	02/25/21 12:28	1
m,p-Xylenes	<0.00398	U	0.00398		mg/kg		02/24/21 11:15	02/25/21 12:28	1
o-Xylene	<0.00199	U	0.00199		mg/kg		02/24/21 11:15	02/25/21 12:28	1
Toluene	<0.00199	U	0.00199		mg/kg		02/24/21 11:15	02/25/21 12:28	1
Total BTEX	<0.00199	U	0.00199		mg/kg		02/24/21 11:15	02/25/21 12:28	1
Total Xylenes	<0.00199	U	0.00199		mg/kg		02/24/21 11:15	02/25/21 12:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130	02/24/21 11:15	02/25/21 12:28	1
4-Bromofluorobenzene	108		70 - 130	02/24/21 11:15	02/25/21 12:28	1

Client Sample ID: T-6 (4')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-37

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.6		4.98		mg/kg		02/24/21 17:25	02/25/21 00:41	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 08:42	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 08:42	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 08:42	1
Total TPH	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 08:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 135	02/24/21 17:00	02/25/21 08:42	1
o-Terphenyl	109		70 - 135	02/24/21 17:00	02/25/21 08:42	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		02/24/21 11:15	02/25/21 12:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		02/24/21 11:15	02/25/21 12:49	1
m,p-Xylenes	<0.00400	U	0.00400		mg/kg		02/24/21 11:15	02/25/21 12:49	1
o-Xylene	<0.00200	U	0.00200		mg/kg		02/24/21 11:15	02/25/21 12:49	1
Toluene	<0.00200	U	0.00200		mg/kg		02/24/21 11:15	02/25/21 12:49	1
Total BTEX	<0.00200	U	0.00200		mg/kg		02/24/21 11:15	02/25/21 12:49	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		02/24/21 11:15	02/25/21 12:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130	02/24/21 11:15	02/25/21 12:49	1
4-Bromofluorobenzene	107		70 - 130	02/24/21 11:15	02/25/21 12:49	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: H-1 (0-6")

Lab Sample ID: 890-224-38

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.9		4.98		mg/kg		02/24/21 17:25	02/25/21 00:47	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 09:18	1
Gasoline Range Hydrocarbons (GRO)	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 09:18	1
Motor Oil Range Hydrocarbons (MRO)	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 09:18	1
Total TPH	<50.0	U	50.0		mg/kg		02/24/21 17:00	02/25/21 09:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 135	02/24/21 17:00	02/25/21 09:18	1
o-Terphenyl	99		70 - 135	02/24/21 17:00	02/25/21 09:18	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/kg		02/24/21 11:15	02/25/21 13:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/kg		02/24/21 11:15	02/25/21 13:09	1
m,p-Xylenes	<0.00404	U	0.00404		mg/kg		02/24/21 11:15	02/25/21 13:09	1
o-Xylene	<0.00202	U	0.00202		mg/kg		02/24/21 11:15	02/25/21 13:09	1
Toluene	<0.00202	U	0.00202		mg/kg		02/24/21 11:15	02/25/21 13:09	1
Total BTEX	<0.00202	U	0.00202		mg/kg		02/24/21 11:15	02/25/21 13:09	1
Total Xylenes	<0.00202	U	0.00202		mg/kg		02/24/21 11:15	02/25/21 13:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	86		70 - 130	02/24/21 11:15	02/25/21 13:09	1
4-Bromofluorobenzene	118		70 - 130	02/24/21 11:15	02/25/21 13:09	1

Client Sample ID: H-2 (0-6")

Lab Sample ID: 890-224-39

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.5		4.96		mg/kg		02/24/21 17:25	02/25/21 00:52	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 09:48	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 09:48	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 09:48	1
Total TPH	<49.9	U	49.9		mg/kg		02/24/21 17:00	02/25/21 09:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 135	02/24/21 17:00	02/25/21 09:48	1
o-Terphenyl	99		70 - 135	02/24/21 17:00	02/25/21 09:48	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		02/24/21 11:15	02/25/21 13:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		02/24/21 11:15	02/25/21 13:29	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		02/24/21 11:15	02/25/21 13:29	1
o-Xylene	<0.00200	U	0.00200		mg/kg		02/24/21 11:15	02/25/21 13:29	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: H-2 (0-6")

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-39

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200		mg/kg		02/24/21 11:15	02/25/21 13:29	1
Total BTEX	<0.00200	U	0.00200		mg/kg		02/24/21 11:15	02/25/21 13:29	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		02/24/21 11:15	02/25/21 13:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	98		70 - 130				02/24/21 11:15	02/25/21 13:29	1
4-Bromofluorobenzene	107		70 - 130				02/24/21 11:15	02/25/21 13:29	1

Client Sample ID: H-3 (0-6")

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-40

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.8		4.99		mg/kg		02/24/21 17:25	02/25/21 00:57	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.8	U	49.8		mg/kg		02/24/21 17:00	02/25/21 10:18	1
Gasoline Range Hydrocarbons (GRO)	<49.8	U	49.8		mg/kg		02/24/21 17:00	02/25/21 10:18	1
Motor Oil Range Hydrocarbons (MRO)	<49.8	U	49.8		mg/kg		02/24/21 17:00	02/25/21 10:18	1
Total TPH	<49.8	U	49.8		mg/kg		02/24/21 17:00	02/25/21 10:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 135				02/24/21 17:00	02/25/21 10:18	1
o-Terphenyl	107		70 - 135				02/24/21 17:00	02/25/21 10:18	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/kg		02/24/21 16:00	02/24/21 20:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		02/24/21 16:00	02/24/21 20:20	1
m,p-Xylenes	<0.00399	U	0.00399		mg/kg		02/24/21 16:00	02/24/21 20:20	1
o-Xylene	<0.00200	U	0.00200		mg/kg		02/24/21 16:00	02/24/21 20:20	1
Toluene	<0.00200	U	0.00200		mg/kg		02/24/21 16:00	02/24/21 20:20	1
Total BTEX	<0.00200	U	0.00200		mg/kg		02/24/21 16:00	02/24/21 20:20	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		02/24/21 16:00	02/24/21 20:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	85		70 - 130				02/24/21 16:00	02/24/21 20:20	1
4-Bromofluorobenzene	115		70 - 130				02/24/21 16:00	02/24/21 20:20	1

Client Sample ID: H-4 (0-6")

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-41

Matrix: Solid

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	367		5.01		mg/kg		02/24/21 19:00	02/25/21 08:47	1

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		02/25/21 12:00	02/25/21 17:58	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: H-4 (0-6")

Lab Sample ID: 890-224-41

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		02/25/21 12:00	02/25/21 17:58	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		02/25/21 12:00	02/25/21 17:58	1
Total TPH	<49.9	U	49.9		mg/kg		02/25/21 12:00	02/25/21 17:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 135				02/25/21 12:00	02/25/21 17:58	1
o-Terphenyl	128		70 - 135				02/25/21 12:00	02/25/21 17:58	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/kg		02/24/21 16:00	02/24/21 20:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/kg		02/24/21 16:00	02/24/21 20:45	1
m,p-Xylenes	<0.00402	U	0.00402		mg/kg		02/24/21 16:00	02/24/21 20:45	1
o-Xylene	<0.00201	U	0.00201		mg/kg		02/24/21 16:00	02/24/21 20:45	1
Toluene	<0.00201	U	0.00201		mg/kg		02/24/21 16:00	02/24/21 20:45	1
Total BTEX	<0.00201	U	0.00201		mg/kg		02/24/21 16:00	02/24/21 20:45	1
Total Xylenes	<0.00201	U	0.00201		mg/kg		02/24/21 16:00	02/24/21 20:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene	86		70 - 130				02/24/21 16:00	02/24/21 20:45	1
4-Bromofluorobenzene	82		70 - 130				02/24/21 16:00	02/24/21 20:45	1

Client Sample ID: H-5 (0-6")

Lab Sample ID: 890-224-42

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Method: 300.0 - Chloride - EPA 300.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.3		50.0		mg/kg		02/24/21 19:00	02/25/21 09:03	10

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<49.9	U	49.9		mg/kg		02/25/21 12:00	02/25/21 18:19	1
Gasoline Range Hydrocarbons (GRO)	<49.9	U	49.9		mg/kg		02/25/21 12:00	02/25/21 18:19	1
Motor Oil Range Hydrocarbons (MRO)	<49.9	U	49.9		mg/kg		02/25/21 12:00	02/25/21 18:19	1
Total TPH	<49.9	U	49.9		mg/kg		02/25/21 12:00	02/25/21 18:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 135				02/25/21 12:00	02/25/21 18:19	1
o-Terphenyl	123		70 - 135				02/25/21 12:00	02/25/21 18:19	1

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00333		0.00200		mg/kg		02/24/21 16:00	02/24/21 21:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/kg		02/24/21 16:00	02/24/21 21:10	1
m,p-Xylenes	<0.00401	U	0.00401		mg/kg		02/24/21 16:00	02/24/21 21:10	1
o-Xylene	<0.00200	U	0.00200		mg/kg		02/24/21 16:00	02/24/21 21:10	1
Toluene	0.00457		0.00200		mg/kg		02/24/21 16:00	02/24/21 21:10	1
Total BTEX	0.00790		0.00200		mg/kg		02/24/21 16:00	02/24/21 21:10	1
Total Xylenes	<0.00200	U	0.00200		mg/kg		02/24/21 16:00	02/24/21 21:10	1

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Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: H-5 (0-6")**Date Collected: 02/23/21 00:00****Date Received: 02/24/21 08:39****Lab Sample ID: 890-224-42****Matrix: Solid**

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,4-Difluorobenzene	72		70 - 130	02/24/21 16:00	02/24/21 21:10	1
4-Bromofluorobenzene	68		70 - 130	02/24/21 16:00	02/24/21 21:10	1

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO (70-135)	OTPH (70-135)
890-224-1	T-1 (0-1')	106	109
890-224-2	T-1 (1')	86	100
890-224-3	T-1 (2')	100	120
890-224-4	T-1 (3')	106	130
890-224-5	T-1 (4')	89	100
890-224-6	T-1 (5')	94	102
890-224-7	T-1 (6')	86	117
890-224-8	T-2 (0-1')	129	157
890-224-9	T-2 (1')	129	143
890-224-10	T-2 (2')	102	104
890-224-11	T-2 (3')	97	104
890-224-12	T-2 (4')	113	156
890-224-13	T-2 (5')	97	104
890-224-14	T-2 (6')	82	98
890-224-15	T-3 (0-1')	109	105
890-224-16	T-3 (1')	129	119
890-224-17	T-3 (2')	112	107
890-224-18	T-3 (3')	91	95
890-224-19	T-3 (4')	113	108
890-224-20	T-3 (5')	118	104
890-224-21	T-3 (6')	109	114
890-224-22	T-4 (0-1')	125	116
890-224-23	T-4 (1')	130	112
890-224-24	T-4 (2')	118	115
890-224-25	T-4 (3')	90	107
890-224-26	T-4 (4')	88	106
890-224-27	T-4 (5')	92	111
890-224-28	T-5 (0-1')	116	111
890-224-29	T-5 (1')	118	111
890-224-30	T-5 (2')	98	113
890-224-31	T-5 (3')	106	116
890-224-32	T-5 (4')	104	127
890-224-33	T-6 (0-1')	91	114
890-224-34	T-6 (1')	92	112
890-224-35	T-6 (2')	90	110
890-224-36	T-6 (3')	97	117
890-224-37	T-6 (4')	90	109
890-224-38	H-1 (0-6")	85	99
890-224-39	H-2 (0-6")	85	99
890-224-40	H-3 (0-6")	90	107
890-224-41	H-4 (0-6")	96	128
890-224-42	H-5 (0-6")	87	123

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Matrix: SOIL

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB (70-130)
689033-020 S	Matrix Spike	473
689033-020 SD	Matrix Spike Duplicate	487
689033-040 S	Matrix Spike	100
689033-040 SD	Matrix Spike Duplicate	105
7721937-1-BKS	Lab Control Sample	107
7721937-1-BLK	Method Blank	75
7721937-1-BSD	Lab Control Sample Dup	83
7721949-1-BKS	Lab Control Sample	101
7721949-1-BLK	Method Blank	97
7721949-1-BSD	Lab Control Sample Dup	105
7721950-1-BKS	Lab Control Sample	102
7721950-1-BLK	Method Blank	103
7721950-1-BSD	Lab Control Sample Dup	104
7721970-1-BKS	Lab Control Sample	92
7721970-1-BLK	Method Blank	74
7721970-1-BSD	Lab Control Sample Dup	96

Surrogate Legend

BFB = 4-Bromofluorobenzene

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB (70-130)	DFBZ (70-130)
890-224-1	T-1 (0-1')	314	131
890-224-2	T-1 (1')	303	127
890-224-3	T-1 (2')	197	92
890-224-4	T-1 (3')	113	100
890-224-5	T-1 (4')	105	98
890-224-6	T-1 (5')	105	99
890-224-8	T-2 (0-1')	195	105
890-224-9	T-2 (1')	214	103
890-224-10	T-2 (2')	847	101
890-224-11	T-2 (3')	653	103
890-224-12	T-2 (4')	226	92
890-224-13	T-2 (5')	127	101
890-224-15	T-3 (0-1')	627	107
890-224-16	T-3 (1')	690	109
890-224-17	T-3 (2')	890	104
890-224-18	T-3 (3')	627	93
890-224-19	T-3 (4')	403	89
890-224-20	T-3 (5')	533	120
890-224-22	T-4 (0-1')	893	119
890-224-23	T-4 (1')	1023	98
890-224-24	T-4 (2')	940	119
890-224-25	T-4 (3')	121	91
890-224-26	T-4 (4')	110	102
890-224-27	T-4 (5')	109	100
890-224-28	T-5 (0-1')	1027	98

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Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB (70-130)	DFBZ (70-130)
890-224-29	T-5 (1')	111	100
890-224-30	T-5 (2')	177	89
890-224-31	T-5 (3')	247	100
890-224-32	T-5 (4')	106	100
890-224-33	T-6 (0-1')	107	98
890-224-34	T-6 (1')	108	99
890-224-35	T-6 (2')	105	98
890-224-36	T-6 (3')	108	98
890-224-37	T-6 (4')	107	98
890-224-38	H-1 (0-6")	118	86
890-224-39	H-2 (0-6")	107	98
890-224-40	H-3 (0-6")	115	85
890-224-41	H-4 (0-6")	82	86
890-224-42	H-5 (0-6")	68	72

Surrogate Legend

BFB = 4-Bromofluorobenzene

DFBZ = 1,4-Difluorobenzene

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Method: 300.0 - Chloride - EPA 300.0

Lab Sample ID: 7721930-1-BLK
Matrix: SOIL
Analysis Batch: 3151758

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3151758_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		02/24/21 16:40	02/24/21 19:22	1

Lab Sample ID: 7721930-1-BKS
Matrix: SOIL
Analysis Batch: 3151758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3151758_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	243		mg/kg		97	80 - 120

Lab Sample ID: 7721930-1-BSD
Matrix: SOIL
Analysis Batch: 3151758

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 3151758_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chloride	250	243		mg/kg		97	80 - 120	0	20

Lab Sample ID: 689033-001 S
Matrix: SOIL
Analysis Batch: 3151758

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3151758_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	12700		5050	20900		mg/kg		162	80 - 120

Lab Sample ID: 689033-001 SD
Matrix: SOIL
Analysis Batch: 3151758

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3151758_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chloride	12700		5050	20900		mg/kg		162	80 - 120	0	20

Lab Sample ID: 689033-011 S
Matrix: SOIL
Analysis Batch: 3151758

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 3151758_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	9180		5020	15500		mg/kg		126	80 - 120

Lab Sample ID: 689033-011 SD
Matrix: SOIL
Analysis Batch: 3151758

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 3151758_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chloride	9180		5020	15600		mg/kg		128	80 - 120	1	20

Lab Sample ID: 7721931-1-BLK
Matrix: SOIL
Analysis Batch: 3151761

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3151761_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		02/24/21 17:25	02/24/21 22:18	1

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Method: 300.0 - Chloride - EPA 300.0

Lab Sample ID: 7721931-1-BKS

Matrix: SOIL

Analysis Batch: 3151761

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3151761_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	244		mg/kg		98	80 - 120

Lab Sample ID: 7721931-1-BSD

Matrix: SOIL

Analysis Batch: 3151761

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3151761_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chloride	250	240		mg/kg		96	80 - 120	2	20

Lab Sample ID: 689033-021 S

Matrix: SOIL

Analysis Batch: 3151761

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3151761_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	71.3		248	317		mg/kg		99	80 - 120

Lab Sample ID: 689033-021 SD

Matrix: SOIL

Analysis Batch: 3151761

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3151761_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chloride	71.3		248	316		mg/kg		99	80 - 120	0	20

Lab Sample ID: 689033-031 S

Matrix: SOIL

Analysis Batch: 3151761

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3151761_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	122		250	344		mg/kg		89	80 - 120

Lab Sample ID: 689033-031 SD

Matrix: SOIL

Analysis Batch: 3151761

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3151761_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chloride	122		250	343		mg/kg		88	80 - 120	0	20

Lab Sample ID: 7721932-1-BLK

Matrix: SOIL

Analysis Batch: 3151763

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3151763_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5	U	5		mg/kg		02/24/21 19:00	02/25/21 01:13	1

Lab Sample ID: 7721932-1-BKS

Matrix: SOIL

Analysis Batch: 3151763

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3151763_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	245		mg/kg		98	80 - 120

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Method: 300.0 - Chloride - EPA 300.0

Lab Sample ID: 7721932-1-BSD

Matrix: SOIL

Analysis Batch: 3151763

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3151763_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	243		mg/kg		97	80 - 120	1	20

Lab Sample ID: 689033-041 S

Matrix: SOIL

Analysis Batch: 3151763

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3151763_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	367		251	357		mg/kg			80 - 120		

Lab Sample ID: 689033-041 SD

Matrix: SOIL

Analysis Batch: 3151763

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3151763_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	367		251	357		mg/kg			80 - 120	0	20

Method: 8015 NM - TPH - SW846 8015B TPH ORO

Lab Sample ID: 7721939-1-BLK

Matrix: SOIL

Analysis Batch: 3151741

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3151741_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50	U	50		mg/kg		02/24/21 17:00	02/24/21 22:32	1
Gasoline Range Hydrocarbons (GRO)	<50	U	50		mg/kg		02/24/21 17:00	02/24/21 22:32	1
Motor Oil Range Hydrocarbons (MRO)	<50	U	50		mg/kg		02/24/21 17:00	02/24/21 22:32	1

Lab Sample ID: 7721939-1-BKS

Matrix: SOIL

Analysis Batch: 3151741

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3151741_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	1000	875		mg/kg		88	70 - 135		
Gasoline Range Hydrocarbons (GRO)	1000	898		mg/kg		90	70 - 135		

Lab Sample ID: 7721939-1-BSD

Matrix: SOIL

Analysis Batch: 3151741

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3151741_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	1000	804		mg/kg		80	70 - 135	8	20
Gasoline Range Hydrocarbons (GRO)	1000	853		mg/kg		85	70 - 135	5	20

Lab Sample ID: 689033-001 S

Matrix: SOIL

Analysis Batch: 3151741

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3151741_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	5210		999	5700		mg/kg		49	70 - 135		

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Lab Sample ID: 689033-001 S

Matrix: SOIL

Analysis Batch: 3151741

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3151741_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Hydrocarbons (GRO)	481		999	1530		mg/kg		105	70 - 135

Lab Sample ID: 689033-001 SD

Matrix: SOIL

Analysis Batch: 3151741

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3151741_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	5210		997	5310		mg/kg		10	70 - 135	7	20
Gasoline Range Hydrocarbons (GRO)	481		997	1360		mg/kg		88	70 - 135	12	20

Lab Sample ID: 7721942-1-BLK

Matrix: SOIL

Analysis Batch: 3151743

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3151743_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50	U	50		mg/kg		02/24/21 17:00	02/24/21 22:32	1
Gasoline Range Hydrocarbons (GRO)	<50	U	50		mg/kg		02/24/21 17:00	02/24/21 22:32	1
Motor Oil Range Hydrocarbons (MRO)	<50	U	50		mg/kg		02/24/21 17:00	02/24/21 22:32	1

Lab Sample ID: 7721942-1-BKS

Matrix: SOIL

Analysis Batch: 3151743

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3151743_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)	1000	895		mg/kg		90	70 - 135
Gasoline Range Hydrocarbons (GRO)	1000	928		mg/kg		93	70 - 135

Lab Sample ID: 7721942-1-BSD

Matrix: SOIL

Analysis Batch: 3151743

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3151743_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	1000	895		mg/kg		90	70 - 135	0	20
Gasoline Range Hydrocarbons (GRO)	1000	979		mg/kg		98	70 - 135	5	20

Lab Sample ID: 689033-021 S

Matrix: SOIL

Analysis Batch: 3151743

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3151743_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)	3390		998	4370		mg/kg		98	70 - 135
Gasoline Range Hydrocarbons (GRO)	571		998	1520		mg/kg		95	70 - 135

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Method: 8015 NM - TPH - SW846 8015B TPH ORO (Continued)

Lab Sample ID: 689033-021 SD

Matrix: SOIL

Analysis Batch: 3151743

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3151743_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	3390		997	4480		mg/kg		109	70 - 135	2	20
Gasoline Range Hydrocarbons (GRO)	571		997	1580		mg/kg		101	70 - 135	4	20

Lab Sample ID: 772029-1-BLK

Matrix: SOIL

Analysis Batch: 3151873

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3151873_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	<50	U	50		mg/kg		02/25/21 12:00	02/25/21 12:24	1
Gasoline Range Hydrocarbons (GRO)	<50	U	50		mg/kg		02/25/21 12:00	02/25/21 12:24	1
Motor Oil Range Hydrocarbons (MRO)	<50	U	50		mg/kg		02/25/21 12:00	02/25/21 12:24	1

Lab Sample ID: 772029-1-BKS

Matrix: SOIL

Analysis Batch: 3151873

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3151873_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (DRO)	1000	882		mg/kg		88	70 - 135
Gasoline Range Hydrocarbons (GRO)	1000	904		mg/kg		90	70 - 135

Lab Sample ID: 772029-1-BSD

Matrix: SOIL

Analysis Batch: 3151873

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3151873_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (DRO)	1000	961		mg/kg		96	70 - 135	9	20
Gasoline Range Hydrocarbons (GRO)	1000	966		mg/kg		97	70 - 135	7	20

Method: 8021B - BTEX - SW846 8021 Volatile Organic Compounds

Lab Sample ID: 7721937-1-BLK

Matrix: SOIL

Analysis Batch: 3151692

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3151692_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		02/24/21 16:00	02/24/21 19:54	1
Ethylbenzene	<.002	U	.002		mg/kg		02/24/21 16:00	02/24/21 19:54	1
m,p-Xylenes	<.004	U	.004		mg/kg		02/24/21 16:00	02/24/21 19:54	1
o-Xylene	<.002	U	.002		mg/kg		02/24/21 16:00	02/24/21 19:54	1
Toluene	<.002	U	.002		mg/kg		02/24/21 16:00	02/24/21 19:54	1
Surrogate	BLANK %Recovery	BLANK Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	75		70 - 130				02/24/21 16:00	02/24/21 19:54	1

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

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

Lab Sample ID: 7721937-1-BKS

Matrix: SOIL

Analysis Batch: 3151692

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3151692_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	.1	0.116		mg/kg		116	70 - 130
Ethylbenzene	.1	0.106		mg/kg		106	71 - 129
m,p-Xylenes	.2	0.219		mg/kg		110	70 - 135
o-Xylene	.1	0.101		mg/kg		101	71 - 133
Toluene	.1	0.0978		mg/kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	107		70 - 130

Lab Sample ID: 7721937-1-BSD

Matrix: SOIL

Analysis Batch: 3151692

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3151692_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	.1	0.0970		mg/kg		97	70 - 130	18	35
Ethylbenzene	.1	0.0867		mg/kg		87	71 - 129	20	35
m,p-Xylenes	.2	0.179		mg/kg		90	70 - 135	20	35
o-Xylene	.1	0.0837		mg/kg		84	71 - 133	19	35
Toluene	.1	0.0980		mg/kg		98	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	83		70 - 130

Lab Sample ID: 689033-040 S

Matrix: SOIL

Analysis Batch: 3151692

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3151692_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<.002		.0996	0.0866		mg/kg		87	70 - 130
Ethylbenzene	<.002		.0996	0.0811		mg/kg		81	71 - 129
m,p-Xylenes	<.00399		.199	0.167		mg/kg		84	70 - 135
o-Xylene	<.002		.0996	0.0779		mg/kg		78	71 - 133
Toluene	<.002		.0996	0.0790		mg/kg		79	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	100		70 - 130

Lab Sample ID: 689033-040 SD

Matrix: SOIL

Analysis Batch: 3151692

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3151692_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<.002		.0998	0.0891		mg/kg		89	70 - 130	3	35
Ethylbenzene	<.002		.0998	0.0873		mg/kg		87	71 - 129	7	35
m,p-Xylenes	<.00399		.2	0.181		mg/kg		91	70 - 135	8	35
o-Xylene	<.002		.0998	0.0841		mg/kg		84	71 - 133	8	35
Toluene	<.002		.0998	0.0928		mg/kg		93	70 - 130	16	35

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

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

Lab Sample ID: 689033-040 SD

Matrix: SOIL

Analysis Batch: 3151692

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3151692_P

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	105		70 - 130

Lab Sample ID: 7721949-1-BLK

Matrix: SOIL

Analysis Batch: 3151702

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3151702_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		02/24/21 11:00	02/24/21 18:26	1
Ethylbenzene	<.002	U	.002		mg/kg		02/24/21 11:00	02/24/21 18:26	1
m,p-Xylenes	<.004	U	.004		mg/kg		02/24/21 11:00	02/24/21 18:26	1
o-Xylene	<.002	U	.002		mg/kg		02/24/21 11:00	02/24/21 18:26	1
Toluene	<.002	U	.002		mg/kg		02/24/21 11:00	02/24/21 18:26	1

	BLANK	BLANK					Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits				02/24/21 11:00	02/24/21 18:26	1
4-Bromofluorobenzene	97		70 - 130						

Lab Sample ID: 7721949-1-BKS

Matrix: SOIL

Analysis Batch: 3151702

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3151702_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	.1	0.100		mg/kg		100	70 - 130
Ethylbenzene	.1	0.105		mg/kg		105	71 - 129
m,p-Xylenes	.2	0.210		mg/kg		105	70 - 135
o-Xylene	.1	0.103		mg/kg		103	71 - 133
Toluene	.1	0.0970		mg/kg		97	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	101		70 - 130

Lab Sample ID: 7721949-1-BSD

Matrix: SOIL

Analysis Batch: 3151702

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3151702_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	.1	0.104		mg/kg		104	70 - 130	4	35
Ethylbenzene	.1	0.109		mg/kg		109	71 - 129	4	35
m,p-Xylenes	.2	0.219		mg/kg		110	70 - 135	4	35
o-Xylene	.1	0.107		mg/kg		107	71 - 133	4	35
Toluene	.1	0.101		mg/kg		101	70 - 130	4	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	105		70 - 130

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

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

Lab Sample ID: 7721950-1-BLK

Matrix: SOIL

Analysis Batch: 3151706

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3151706_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		02/24/21 11:15	02/25/21 05:20	1
Ethylbenzene	<.002	U	.002		mg/kg		02/24/21 11:15	02/25/21 05:20	1
m,p-Xylenes	<.004	U	.004		mg/kg		02/24/21 11:15	02/25/21 05:20	1
o-Xylene	<.002	U	.002		mg/kg		02/24/21 11:15	02/25/21 05:20	1
Toluene	<.002	U	.002		mg/kg		02/24/21 11:15	02/25/21 05:20	1

Surrogate	BLANK %Recovery	BLANK Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		70 - 130	02/24/21 11:15	02/25/21 05:20	1

Lab Sample ID: 7721950-1-BKS

Matrix: SOIL

Analysis Batch: 3151706

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3151706_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	.1	0.108		mg/kg		108	70 - 130
Ethylbenzene	.1	0.107		mg/kg		107	71 - 129
m,p-Xylenes	.2	0.209		mg/kg		105	70 - 135
o-Xylene	.1	0.102		mg/kg		102	71 - 133
Toluene	.1	0.103		mg/kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	102		70 - 130

Lab Sample ID: 7721950-1-BSD

Matrix: SOIL

Analysis Batch: 3151706

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3151706_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	.1	0.106		mg/kg		106	70 - 130	2	35
Ethylbenzene	.1	0.105		mg/kg		105	71 - 129	2	35
m,p-Xylenes	.2	0.206		mg/kg		103	70 - 135	1	35
o-Xylene	.1	0.106		mg/kg		106	71 - 133	4	35
Toluene	.1	0.101		mg/kg		101	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	104		70 - 130

Lab Sample ID: 689033-020 S

Matrix: SOIL

Analysis Batch: 3151706

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3151706_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0210		.1	0.0811		mg/kg		60	70 - 130
Ethylbenzene	0.199		.1	0.213		mg/kg		14	71 - 129
m,p-Xylenes	0.351		.2	0.390		mg/kg		20	70 - 135
o-Xylene	0.224		.1	0.236		mg/kg		12	71 - 133
Toluene	0.0307		.1	0.0856		mg/kg		55	70 - 130

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

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

Lab Sample ID: 689033-020 S

Matrix: SOIL

Analysis Batch: 3151706

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3151706_P

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	473		70 - 130

Lab Sample ID: 689033-020 SD

Matrix: SOIL

Analysis Batch: 3151706

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3151706_P

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0210		.0992	0.0761		mg/kg		56	70 - 130	6	35
Ethylbenzene	0.199		.0992	0.210		mg/kg		11	71 - 129	1	35
m,p-Xylenes	0.351		.198	0.377		mg/kg		13	70 - 135	3	35
o-Xylene	0.224		.0992	0.235		mg/kg		11	71 - 133	0	35
Toluene	0.0307		.0992	0.0767		mg/kg		46	70 - 130	11	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	487		70 - 130

Lab Sample ID: 7721970-1-BLK

Matrix: SOIL

Analysis Batch: 3151732

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3151732_P

Analyte	BLANK Result	BLANK Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<.002	U	.002		mg/kg		02/24/21 17:00	02/25/21 09:39	1
Ethylbenzene	<.002	U	.002		mg/kg		02/24/21 17:00	02/25/21 09:39	1
m,p-Xylenes	<.004	U	.004		mg/kg		02/24/21 17:00	02/25/21 09:39	1
o-Xylene	<.002	U	.002		mg/kg		02/24/21 17:00	02/25/21 09:39	1
Toluene	<.002	U	.002		mg/kg		02/24/21 17:00	02/25/21 09:39	1

	BLANK	BLANK							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene	74		70 - 130	02/24/21 17:00	02/25/21 09:39	1			

Lab Sample ID: 7721970-1-BKS

Matrix: SOIL

Analysis Batch: 3151732

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3151732_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	.1	0.119		mg/kg		119	70 - 130
Ethylbenzene	.1	0.105		mg/kg		105	71 - 129
m,p-Xylenes	.2	0.215		mg/kg		108	70 - 135
o-Xylene	.1	0.0986		mg/kg		99	71 - 133
Toluene	.1	0.113		mg/kg		113	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	92		70 - 130

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QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

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

Lab Sample ID: 7721970-1-BSD

Matrix: SOIL

Analysis Batch: 3151732

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3151732_P

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	.1	0.104		mg/kg		104	70 - 130	13	35
Ethylbenzene	.1	0.0937		mg/kg		94	71 - 129	11	35
m,p-Xylenes	.2	0.193		mg/kg		97	70 - 135	11	35
o-Xylene	.1	0.0905		mg/kg		91	71 - 133	9	35
Toluene	.1	0.0999		mg/kg		100	70 - 130	12	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	96		70 - 130

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Subcontract

Analysis Batch: 3151692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-40	H-3 (0-6")	Total/NA	Solid	8021B - BTEX	3151692_P
890-224-41	H-4 (0-6")	Total/NA	Solid	8021B - BTEX	3151692_P
890-224-42	H-5 (0-6")	Total/NA	Solid	8021B - BTEX	3151692_P
7721937-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3151692_P
7721937-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3151692_P
7721937-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3151692_P
689033-040 S	Matrix Spike	Total/NA	SOIL	8021B - BTEX	3151692_P
689033-040 SD	Matrix Spike Duplicate	Total/NA	SOIL	8021B - BTEX	3151692_P

Analysis Batch: 3151702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-1	T-1 (0-1')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-1	T-1 (0-1')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-2	T-1 (1')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-2	T-1 (1')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-3	T-1 (2')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-4	T-1 (3')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-5	T-1 (4')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-6	T-1 (5')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-8	T-2 (0-1')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-9	T-2 (1')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-9	T-2 (1')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-10	T-2 (2')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-10	T-2 (2')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-11	T-2 (3')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-11	T-2 (3')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-12	T-2 (4')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-13	T-2 (5')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-15	T-3 (0-1')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-15	T-3 (0-1')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-16	T-3 (1')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-16	T-3 (1')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-17	T-3 (2')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-17	T-3 (2')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-18	T-3 (3')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-18	T-3 (3')	Total/NA	Solid	8021B - BTEX	3151702_P
890-224-19	T-3 (4')	Total/NA	Solid	8021B - BTEX	3151702_P
7721949-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3151702_P
7721949-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3151702_P
7721949-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3151702_P

Analysis Batch: 3151706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-20	T-3 (5')	Total/NA	Solid	8021B - BTEX	3151706_P
890-224-22	T-4 (0-1')	Total/NA	Solid	8021B - BTEX	3151706_P
890-224-22	T-4 (0-1')	Total/NA	Solid	8021B - BTEX	3151706_P
890-224-23	T-4 (1')	Total/NA	Solid	8021B - BTEX	3151706_P
890-224-23	T-4 (1')	Total/NA	Solid	8021B - BTEX	3151706_P
890-224-24	T-4 (2')	Total/NA	Solid	8021B - BTEX	3151706_P
890-224-24	T-4 (2')	Total/NA	Solid	8021B - BTEX	3151706_P
890-224-26	T-4 (4')	Total/NA	Solid	8021B - BTEX	3151706_P

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QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Subcontract (Continued)

Analysis Batch: 3151706 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-27	T-4 (5')	Total/NA	Solid	8021B - BTEX	3151706_P
890-224-28	T-5 (0-1')	Total/NA	Solid	8021B - BTEX	3151706_P
890-224-28	T-5 (0-1')	Total/NA	Solid	8021B - BTEX	3151706_P
890-224-29	T-5 (1')	Total/NA	Solid	8021B - BTEX	3151706_P
890-224-30	T-5 (2')	Total/NA	Solid	8021B - BTEX	3151706_P
890-224-31	T-5 (3')	Total/NA	Solid	8021B - BTEX	3151706_P
890-224-32	T-5 (4')	Total/NA	Solid	8021B - BTEX	3151706_P
890-224-33	T-6 (0-1')	Total/NA	Solid	8021B - BTEX	3151706_P
890-224-34	T-6 (1')	Total/NA	Solid	8021B - BTEX	3151706_P
890-224-35	T-6 (2')	Total/NA	Solid	8021B - BTEX	3151706_P
890-224-36	T-6 (3')	Total/NA	Solid	8021B - BTEX	3151706_P
890-224-37	T-6 (4')	Total/NA	Solid	8021B - BTEX	3151706_P
890-224-38	H-1 (0-6")	Total/NA	Solid	8021B - BTEX	3151706_P
890-224-39	H-2 (0-6")	Total/NA	Solid	8021B - BTEX	3151706_P
7721950-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3151706_P
7721950-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3151706_P
7721950-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3151706_P
689033-020 S	Matrix Spike	Total/NA	SOIL	8021B - BTEX	3151706_P
689033-020 SD	Matrix Spike Duplicate	Total/NA	SOIL	8021B - BTEX	3151706_P

Analysis Batch: 3151732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-25	T-4 (3')	Total/NA	Solid	8021B - BTEX	3151732_P
7721970-1-BLK	Method Blank	Total/NA	SOIL	8021B - BTEX	3151732_P
7721970-1-BKS	Lab Control Sample	Total/NA	SOIL	8021B - BTEX	3151732_P
7721970-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8021B - BTEX	3151732_P

Analysis Batch: 3151741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-1	T-1 (0-1')	Total/NA	Solid	8015 NM - TPH	3151741_P
890-224-2	T-1 (1')	Total/NA	Solid	8015 NM - TPH	3151741_P
890-224-3	T-1 (2')	Total/NA	Solid	8015 NM - TPH	3151741_P
890-224-4	T-1 (3')	Total/NA	Solid	8015 NM - TPH	3151741_P
890-224-5	T-1 (4')	Total/NA	Solid	8015 NM - TPH	3151741_P
890-224-6	T-1 (5')	Total/NA	Solid	8015 NM - TPH	3151741_P
890-224-7	T-1 (6')	Total/NA	Solid	8015 NM - TPH	3151741_P
890-224-8	T-2 (0-1')	Total/NA	Solid	8015 NM - TPH	3151741_P
890-224-9	T-2 (1')	Total/NA	Solid	8015 NM - TPH	3151741_P
890-224-10	T-2 (2')	Total/NA	Solid	8015 NM - TPH	3151741_P
890-224-11	T-2 (3')	Total/NA	Solid	8015 NM - TPH	3151741_P
890-224-12	T-2 (4')	Total/NA	Solid	8015 NM - TPH	3151741_P
890-224-13	T-2 (5')	Total/NA	Solid	8015 NM - TPH	3151741_P
890-224-14	T-2 (6')	Total/NA	Solid	8015 NM - TPH	3151741_P
890-224-15	T-3 (0-1')	Total/NA	Solid	8015 NM - TPH	3151741_P
890-224-16	T-3 (1')	Total/NA	Solid	8015 NM - TPH	3151741_P
890-224-17	T-3 (2')	Total/NA	Solid	8015 NM - TPH	3151741_P
890-224-18	T-3 (3')	Total/NA	Solid	8015 NM - TPH	3151741_P
890-224-19	T-3 (4')	Total/NA	Solid	8015 NM - TPH	3151741_P
890-224-20	T-3 (5')	Total/NA	Solid	8015 NM - TPH	3151741_P
7721939-1-BLK	Method Blank	Total/NA	SOIL	8015 NM - TPH	3151741_P
7721939-1-BKS	Lab Control Sample	Total/NA	SOIL	8015 NM - TPH	3151741_P

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QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
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Subcontract (Continued)

Analysis Batch: 3151741 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
7721939-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8015 NM - TPH	3151741_P
689033-001 S	Matrix Spike	Total/NA	SOIL	8015 NM - TPH	3151741_P
689033-001 SD	Matrix Spike Duplicate	Total/NA	SOIL	8015 NM - TPH	3151741_P

Analysis Batch: 3151743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-21	T-3 (6')	Total/NA	Solid	8015 NM - TPH	3151743_P
890-224-22	T-4 (0-1')	Total/NA	Solid	8015 NM - TPH	3151743_P
890-224-23	T-4 (1')	Total/NA	Solid	8015 NM - TPH	3151743_P
890-224-24	T-4 (2')	Total/NA	Solid	8015 NM - TPH	3151743_P
890-224-25	T-4 (3')	Total/NA	Solid	8015 NM - TPH	3151743_P
890-224-26	T-4 (4')	Total/NA	Solid	8015 NM - TPH	3151743_P
890-224-27	T-4 (5')	Total/NA	Solid	8015 NM - TPH	3151743_P
890-224-28	T-5 (0-1')	Total/NA	Solid	8015 NM - TPH	3151743_P
890-224-29	T-5 (1')	Total/NA	Solid	8015 NM - TPH	3151743_P
890-224-30	T-5 (2')	Total/NA	Solid	8015 NM - TPH	3151743_P
890-224-31	T-5 (3')	Total/NA	Solid	8015 NM - TPH	3151743_P
890-224-32	T-5 (4')	Total/NA	Solid	8015 NM - TPH	3151743_P
890-224-33	T-6 (0-1')	Total/NA	Solid	8015 NM - TPH	3151743_P
890-224-34	T-6 (1')	Total/NA	Solid	8015 NM - TPH	3151743_P
890-224-35	T-6 (2')	Total/NA	Solid	8015 NM - TPH	3151743_P
890-224-36	T-6 (3')	Total/NA	Solid	8015 NM - TPH	3151743_P
890-224-37	T-6 (4')	Total/NA	Solid	8015 NM - TPH	3151743_P
890-224-38	H-1 (0-6")	Total/NA	Solid	8015 NM - TPH	3151743_P
890-224-39	H-2 (0-6")	Total/NA	Solid	8015 NM - TPH	3151743_P
890-224-40	H-3 (0-6")	Total/NA	Solid	8015 NM - TPH	3151743_P
7721942-1-BLK	Method Blank	Total/NA	SOIL	8015 NM - TPH	3151743_P
7721942-1-BKS	Lab Control Sample	Total/NA	SOIL	8015 NM - TPH	3151743_P
7721942-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8015 NM - TPH	3151743_P
689033-021 S	Matrix Spike	Total/NA	SOIL	8015 NM - TPH	3151743_P
689033-021 SD	Matrix Spike Duplicate	Total/NA	SOIL	8015 NM - TPH	3151743_P

Analysis Batch: 3151758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-1	T-1 (0-1')	Total/NA	Solid	300.0 - Chloride	3151758_P
890-224-2	T-1 (1')	Total/NA	Solid	300.0 - Chloride	3151758_P
890-224-3	T-1 (2')	Total/NA	Solid	300.0 - Chloride	3151758_P
890-224-4	T-1 (3')	Total/NA	Solid	300.0 - Chloride	3151758_P
890-224-5	T-1 (4')	Total/NA	Solid	300.0 - Chloride	3151758_P
890-224-6	T-1 (5')	Total/NA	Solid	300.0 - Chloride	3151758_P
890-224-7	T-1 (6')	Total/NA	Solid	300.0 - Chloride	3151758_P
890-224-8	T-2 (0-1')	Total/NA	Solid	300.0 - Chloride	3151758_P
890-224-9	T-2 (1')	Total/NA	Solid	300.0 - Chloride	3151758_P
890-224-10	T-2 (2')	Total/NA	Solid	300.0 - Chloride	3151758_P
890-224-11	T-2 (3')	Total/NA	Solid	300.0 - Chloride	3151758_P
890-224-12	T-2 (4')	Total/NA	Solid	300.0 - Chloride	3151758_P
890-224-13	T-2 (5')	Total/NA	Solid	300.0 - Chloride	3151758_P
890-224-14	T-2 (6')	Total/NA	Solid	300.0 - Chloride	3151758_P
890-224-15	T-3 (0-1')	Total/NA	Solid	300.0 - Chloride	3151758_P
890-224-16	T-3 (1')	Total/NA	Solid	300.0 - Chloride	3151758_P
890-224-17	T-3 (2')	Total/NA	Solid	300.0 - Chloride	3151758_P

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Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
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Subcontract (Continued)

Analysis Batch: 3151758 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-18	T-3 (3')	Total/NA	Solid	300.0 - Chloride	3151758_P
890-224-19	T-3 (4')	Total/NA	Solid	300.0 - Chloride	3151758_P
890-224-20	T-3 (5')	Total/NA	Solid	300.0 - Chloride	3151758_P
7721930-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3151758_P
7721930-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3151758_P
7721930-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3151758_P
689033-001 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3151758_P
689033-001 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3151758_P
689033-011 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3151758_P
689033-011 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3151758_P

Analysis Batch: 3151761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-21	T-3 (6')	Total/NA	Solid	300.0 - Chloride	3151761_P
890-224-22	T-4 (0-1')	Total/NA	Solid	300.0 - Chloride	3151761_P
890-224-23	T-4 (1')	Total/NA	Solid	300.0 - Chloride	3151761_P
890-224-24	T-4 (2')	Total/NA	Solid	300.0 - Chloride	3151761_P
890-224-25	T-4 (3')	Total/NA	Solid	300.0 - Chloride	3151761_P
890-224-26	T-4 (4')	Total/NA	Solid	300.0 - Chloride	3151761_P
890-224-27	T-4 (5')	Total/NA	Solid	300.0 - Chloride	3151761_P
890-224-28	T-5 (0-1')	Total/NA	Solid	300.0 - Chloride	3151761_P
890-224-29	T-5 (1')	Total/NA	Solid	300.0 - Chloride	3151761_P
890-224-30	T-5 (2')	Total/NA	Solid	300.0 - Chloride	3151761_P
890-224-31	T-5 (3')	Total/NA	Solid	300.0 - Chloride	3151761_P
890-224-32	T-5 (4')	Total/NA	Solid	300.0 - Chloride	3151761_P
890-224-33	T-6 (0-1')	Total/NA	Solid	300.0 - Chloride	3151761_P
890-224-34	T-6 (1')	Total/NA	Solid	300.0 - Chloride	3151761_P
890-224-35	T-6 (2')	Total/NA	Solid	300.0 - Chloride	3151761_P
890-224-36	T-6 (3')	Total/NA	Solid	300.0 - Chloride	3151761_P
890-224-37	T-6 (4')	Total/NA	Solid	300.0 - Chloride	3151761_P
890-224-38	H-1 (0-6")	Total/NA	Solid	300.0 - Chloride	3151761_P
890-224-39	H-2 (0-6")	Total/NA	Solid	300.0 - Chloride	3151761_P
890-224-40	H-3 (0-6")	Total/NA	Solid	300.0 - Chloride	3151761_P
7721931-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3151761_P
7721931-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3151761_P
7721931-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3151761_P
689033-021 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3151761_P
689033-021 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3151761_P
689033-031 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3151761_P
689033-031 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3151761_P

Analysis Batch: 3151763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-41	H-4 (0-6")	Total/NA	Solid	300.0 - Chloride	3151763_P
890-224-42	H-5 (0-6")	Total/NA	Solid	300.0 - Chloride	3151763_P
7721932-1-BLK	Method Blank	Total/NA	SOIL	300.0 - Chloride	3151763_P
7721932-1-BKS	Lab Control Sample	Total/NA	SOIL	300.0 - Chloride	3151763_P
7721932-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	300.0 - Chloride	3151763_P
689033-041 S	Matrix Spike	Total/NA	SOIL	300.0 - Chloride	3151763_P
689033-041 SD	Matrix Spike Duplicate	Total/NA	SOIL	300.0 - Chloride	3151763_P

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Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
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Analysis Batch: 3151873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-41	H-4 (0-6")	Total/NA	Solid	8015 NM - TPH	3151873_P
890-224-42	H-5 (0-6")	Total/NA	Solid	8015 NM - TPH	3151873_P
7722029-1-BLK	Method Blank	Total/NA	SOIL	8015 NM - TPH	3151873_P
7722029-1-BKS	Lab Control Sample	Total/NA	SOIL	8015 NM - TPH	3151873_P
7722029-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	8015 NM - TPH	3151873_P

Prep Batch: 3151692_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-40	H-3 (0-6")	Total/NA	Solid	SW5035A	
890-224-41	H-4 (0-6")	Total/NA	Solid	SW5035A	
890-224-42	H-5 (0-6")	Total/NA	Solid	SW5035A	
7721937-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	
7721937-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7721937-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	
689033-040 S	Matrix Spike	Total/NA	SOIL	SW5035A	
689033-040 SD	Matrix Spike Duplicate	Total/NA	SOIL	SW5035A	

Prep Batch: 3151702_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-1	T-1 (0-1')	Total/NA	Solid	SW5035A	
890-224-1	T-1 (0-1')	Total/NA	Solid	SW5035A	
890-224-2	T-1 (1')	Total/NA	Solid	SW5035A	
890-224-2	T-1 (1')	Total/NA	Solid	SW5035A	
890-224-3	T-1 (2')	Total/NA	Solid	SW5035A	
890-224-4	T-1 (3')	Total/NA	Solid	SW5035A	
890-224-5	T-1 (4')	Total/NA	Solid	SW5035A	
890-224-6	T-1 (5')	Total/NA	Solid	SW5035A	
890-224-8	T-2 (0-1')	Total/NA	Solid	SW5035A	
890-224-9	T-2 (1')	Total/NA	Solid	SW5035A	
890-224-9	T-2 (1')	Total/NA	Solid	SW5035A	
890-224-10	T-2 (2')	Total/NA	Solid	SW5035A	
890-224-10	T-2 (2')	Total/NA	Solid	SW5035A	
890-224-11	T-2 (3')	Total/NA	Solid	SW5035A	
890-224-11	T-2 (3')	Total/NA	Solid	SW5035A	
890-224-12	T-2 (4')	Total/NA	Solid	SW5035A	
890-224-13	T-2 (5')	Total/NA	Solid	SW5035A	
890-224-15	T-3 (0-1')	Total/NA	Solid	SW5035A	
890-224-15	T-3 (0-1')	Total/NA	Solid	SW5035A	
890-224-16	T-3 (1')	Total/NA	Solid	SW5035A	
890-224-16	T-3 (1')	Total/NA	Solid	SW5035A	
890-224-17	T-3 (2')	Total/NA	Solid	SW5035A	
890-224-17	T-3 (2')	Total/NA	Solid	SW5035A	
890-224-18	T-3 (3')	Total/NA	Solid	SW5035A	
890-224-18	T-3 (3')	Total/NA	Solid	SW5035A	
890-224-19	T-3 (4')	Total/NA	Solid	SW5035A	
7721949-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	
7721949-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7721949-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	

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Project/Site: Doc BHU State #1

Job ID: 890-224-1
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Prep Batch: 3151706_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-20	T-3 (5')	Total/NA	Solid	SW5035A	
890-224-22	T-4 (0-1')	Total/NA	Solid	SW5035A	
890-224-22	T-4 (0-1')	Total/NA	Solid	SW5035A	
890-224-23	T-4 (1')	Total/NA	Solid	SW5035A	
890-224-23	T-4 (1')	Total/NA	Solid	SW5035A	
890-224-24	T-4 (2')	Total/NA	Solid	SW5035A	
890-224-24	T-4 (2')	Total/NA	Solid	SW5035A	
890-224-26	T-4 (4')	Total/NA	Solid	SW5035A	
890-224-27	T-4 (5')	Total/NA	Solid	SW5035A	
890-224-28	T-5 (0-1')	Total/NA	Solid	SW5035A	
890-224-28	T-5 (0-1')	Total/NA	Solid	SW5035A	
890-224-29	T-5 (1')	Total/NA	Solid	SW5035A	
890-224-30	T-5 (2')	Total/NA	Solid	SW5035A	
890-224-31	T-5 (3')	Total/NA	Solid	SW5035A	
890-224-32	T-5 (4')	Total/NA	Solid	SW5035A	
890-224-33	T-6 (0-1')	Total/NA	Solid	SW5035A	
890-224-34	T-6 (1')	Total/NA	Solid	SW5035A	
890-224-35	T-6 (2')	Total/NA	Solid	SW5035A	
890-224-36	T-6 (3')	Total/NA	Solid	SW5035A	
890-224-37	T-6 (4')	Total/NA	Solid	SW5035A	
890-224-38	H-1 (0-6")	Total/NA	Solid	SW5035A	
890-224-39	H-2 (0-6")	Total/NA	Solid	SW5035A	
7721950-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	
7721950-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7721950-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	
689033-020 S	Matrix Spike	Total/NA	SOIL	SW5035A	
689033-020 SD	Matrix Spike Duplicate	Total/NA	SOIL	SW5035A	

Prep Batch: 3151732_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-25	T-4 (3')	Total/NA	Solid	SW5035A	
7721970-1-BLK	Method Blank	Total/NA	SOIL	SW5035A	
7721970-1-BKS	Lab Control Sample	Total/NA	SOIL	SW5035A	
7721970-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	SW5035A	

Prep Batch: 3151741_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-1	T-1 (0-1')	Total/NA	Solid	SW8015P	
890-224-2	T-1 (1')	Total/NA	Solid	SW8015P	
890-224-3	T-1 (2')	Total/NA	Solid	SW8015P	
890-224-4	T-1 (3')	Total/NA	Solid	SW8015P	
890-224-5	T-1 (4')	Total/NA	Solid	SW8015P	
890-224-6	T-1 (5')	Total/NA	Solid	SW8015P	
890-224-7	T-1 (6')	Total/NA	Solid	SW8015P	
890-224-8	T-2 (0-1')	Total/NA	Solid	SW8015P	
890-224-9	T-2 (1')	Total/NA	Solid	SW8015P	
890-224-10	T-2 (2')	Total/NA	Solid	SW8015P	
890-224-11	T-2 (3')	Total/NA	Solid	SW8015P	
890-224-12	T-2 (4')	Total/NA	Solid	SW8015P	
890-224-13	T-2 (5')	Total/NA	Solid	SW8015P	
890-224-14	T-2 (6')	Total/NA	Solid	SW8015P	

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Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
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Subcontract (Continued)

Prep Batch: 3151741_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-15	T-3 (0-1')	Total/NA	Solid	SW8015P	
890-224-16	T-3 (1')	Total/NA	Solid	SW8015P	
890-224-17	T-3 (2')	Total/NA	Solid	SW8015P	
890-224-18	T-3 (3')	Total/NA	Solid	SW8015P	
890-224-19	T-3 (4')	Total/NA	Solid	SW8015P	
890-224-20	T-3 (5')	Total/NA	Solid	SW8015P	
7721939-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7721939-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7721939-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
689033-001 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
689033-001 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3151743_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-21	T-3 (6')	Total/NA	Solid	SW8015P	
890-224-22	T-4 (0-1')	Total/NA	Solid	SW8015P	
890-224-23	T-4 (1')	Total/NA	Solid	SW8015P	
890-224-24	T-4 (2')	Total/NA	Solid	SW8015P	
890-224-25	T-4 (3')	Total/NA	Solid	SW8015P	
890-224-26	T-4 (4')	Total/NA	Solid	SW8015P	
890-224-27	T-4 (5')	Total/NA	Solid	SW8015P	
890-224-28	T-5 (0-1')	Total/NA	Solid	SW8015P	
890-224-29	T-5 (1')	Total/NA	Solid	SW8015P	
890-224-30	T-5 (2')	Total/NA	Solid	SW8015P	
890-224-31	T-5 (3')	Total/NA	Solid	SW8015P	
890-224-32	T-5 (4')	Total/NA	Solid	SW8015P	
890-224-33	T-6 (0-1')	Total/NA	Solid	SW8015P	
890-224-34	T-6 (1')	Total/NA	Solid	SW8015P	
890-224-35	T-6 (2')	Total/NA	Solid	SW8015P	
890-224-36	T-6 (3')	Total/NA	Solid	SW8015P	
890-224-37	T-6 (4')	Total/NA	Solid	SW8015P	
890-224-38	H-1 (0-6")	Total/NA	Solid	SW8015P	
890-224-39	H-2 (0-6")	Total/NA	Solid	SW8015P	
890-224-40	H-3 (0-6")	Total/NA	Solid	SW8015P	
7721942-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7721942-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7721942-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
689033-021 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
689033-021 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3151758_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-1	T-1 (0-1')	Total/NA	Solid	E300P	
890-224-2	T-1 (1')	Total/NA	Solid	E300P	

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QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Subcontract (Continued)

Prep Batch: 3151758_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-3	T-1 (2')	Total/NA	Solid	E300P	
890-224-4	T-1 (3')	Total/NA	Solid	E300P	
890-224-5	T-1 (4')	Total/NA	Solid	E300P	
890-224-6	T-1 (5')	Total/NA	Solid	E300P	
890-224-7	T-1 (6')	Total/NA	Solid	E300P	
890-224-8	T-2 (0-1')	Total/NA	Solid	E300P	
890-224-9	T-2 (1')	Total/NA	Solid	E300P	
890-224-10	T-2 (2')	Total/NA	Solid	E300P	
890-224-11	T-2 (3')	Total/NA	Solid	E300P	
890-224-12	T-2 (4')	Total/NA	Solid	E300P	
890-224-13	T-2 (5')	Total/NA	Solid	E300P	
890-224-14	T-2 (6')	Total/NA	Solid	E300P	
890-224-15	T-3 (0-1')	Total/NA	Solid	E300P	
890-224-16	T-3 (1')	Total/NA	Solid	E300P	
890-224-17	T-3 (2')	Total/NA	Solid	E300P	
890-224-18	T-3 (3')	Total/NA	Solid	E300P	
890-224-19	T-3 (4')	Total/NA	Solid	E300P	
890-224-20	T-3 (5')	Total/NA	Solid	E300P	
7721930-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7721930-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7721930-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
689033-001 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
689033-001 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	
689033-011 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
689033-011 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3151761_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-21	T-3 (6')	Total/NA	Solid	E300P	
890-224-22	T-4 (0-1')	Total/NA	Solid	E300P	
890-224-23	T-4 (1')	Total/NA	Solid	E300P	
890-224-24	T-4 (2')	Total/NA	Solid	E300P	
890-224-25	T-4 (3')	Total/NA	Solid	E300P	
890-224-26	T-4 (4')	Total/NA	Solid	E300P	
890-224-27	T-4 (5')	Total/NA	Solid	E300P	
890-224-28	T-5 (0-1')	Total/NA	Solid	E300P	
890-224-29	T-5 (1')	Total/NA	Solid	E300P	
890-224-30	T-5 (2')	Total/NA	Solid	E300P	
890-224-31	T-5 (3')	Total/NA	Solid	E300P	
890-224-32	T-5 (4')	Total/NA	Solid	E300P	
890-224-33	T-6 (0-1')	Total/NA	Solid	E300P	
890-224-34	T-6 (1')	Total/NA	Solid	E300P	
890-224-35	T-6 (2')	Total/NA	Solid	E300P	
890-224-36	T-6 (3')	Total/NA	Solid	E300P	
890-224-37	T-6 (4')	Total/NA	Solid	E300P	
890-224-38	H-1 (0-6")	Total/NA	Solid	E300P	

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QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Subcontract (Continued)

Prep Batch: 3151761_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-39	H-2 (0-6")	Total/NA	Solid	E300P	
890-224-40	H-3 (0-6")	Total/NA	Solid	E300P	
7721931-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7721931-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7721931-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
689033-021 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
689033-021 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	
689033-031 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
689033-031 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3151763_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-41	H-4 (0-6")	Total/NA	Solid	E300P	
890-224-42	H-5 (0-6")	Total/NA	Solid	E300P	
7721932-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7721932-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7721932-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	
689033-041 S	Matrix Spike	Total/NA	SOIL	***DEFAULT PREP***	
689033-041 SD	Matrix Spike Duplicate	Total/NA	SOIL	***DEFAULT PREP***	

Prep Batch: 3151873_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-224-41	H-4 (0-6")	Total/NA	Solid	SW8015P	
890-224-42	H-5 (0-6")	Total/NA	Solid	SW8015P	
7722029-1-BLK	Method Blank	Total/NA	SOIL	***DEFAULT PREP***	
7722029-1-BKS	Lab Control Sample	Total/NA	SOIL	***DEFAULT PREP***	
7722029-1-BSD	Lab Control Sample Dup	Total/NA	SOIL	***DEFAULT PREP***	

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Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

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

Lab Sample ID: 890-224-1

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151758_P	02/24/21 16:40		XM
Total/NA	Analysis	300.0 - Chloride		20	3151758	02/25/21 08:31	CHE	XM
Total/NA	Prep	SW8015P		1	3151741_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151741	02/24/21 23:34	ARM	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		1	3151702	02/24/21 19:08	KTL	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		100	3151702	02/25/21 11:47	KTL	XM

Client Sample ID: T-1 (1')

Lab Sample ID: 890-224-2

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151758_P	02/24/21 16:40		XM
Total/NA	Analysis	300.0 - Chloride		20	3151758	02/24/21 19:54	CHE	XM
Total/NA	Prep	SW8015P		1	3151741_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151741	02/25/21 01:34	ARM	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		1	3151702	02/24/21 19:28	KTL	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		100	3151702	02/26/21 14:23	KTL	XM

Client Sample ID: T-1 (2')

Lab Sample ID: 890-224-3

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151758_P	02/24/21 16:40		XM
Total/NA	Analysis	300.0 - Chloride		10	3151758	02/24/21 19:59	CHE	XM
Total/NA	Prep	SW8015P		1	3151741_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151741	02/25/21 02:04	ARM	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		1	3151702	02/24/21 19:49	KTL	XM

Client Sample ID: T-1 (3')

Lab Sample ID: 890-224-4

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151758_P	02/24/21 16:40		XM
Total/NA	Analysis	300.0 - Chloride		10	3151758	02/24/21 20:04	CHE	XM
Total/NA	Prep	SW8015P		1	3151741_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151741	02/25/21 02:25	ARM	XM

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Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-1 (3')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		1	3151702	02/24/21 20:09	KTL	XM

Client Sample ID: T-1 (4')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151758_P	02/24/21 16:40		XM
Total/NA	Analysis	300.0 - Chloride		10	3151758	02/24/21 20:10	CHE	XM
Total/NA	Prep	SW8015P		1	3151741_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151741	02/25/21 02:46	ARM	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		1	3151702	02/24/21 20:30	KTL	XM

Client Sample ID: T-1 (5')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151758_P	02/24/21 16:40		XM
Total/NA	Analysis	300.0 - Chloride		10	3151758	02/24/21 20:26	CHE	XM
Total/NA	Prep	SW8015P		1	3151741_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151741	02/25/21 03:08	ARM	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		1	3151702	02/24/21 20:50	KTL	XM

Client Sample ID: T-1 (6')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151758_P	02/24/21 16:40		XM
Total/NA	Analysis	300.0 - Chloride		1	3151758	02/24/21 20:31	CHE	XM
Total/NA	Prep	SW8015P		1	3151741_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151741	02/25/21 03:29	ARM	XM

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

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151758_P	02/24/21 16:40		XM
Total/NA	Analysis	300.0 - Chloride		50	3151758	02/24/21 20:36	CHE	XM
Total/NA	Prep	SW8015P		1	3151741_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151741	02/25/21 03:51	ARM	XM

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Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

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

Lab Sample ID: 890-224-8

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		1	3151702	02/24/21 21:31	KTL	XM

Client Sample ID: T-2 (1')

Lab Sample ID: 890-224-9

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151758_P	02/24/21 16:40		XM
Total/NA	Analysis	300.0 - Chloride		20	3151758	02/24/21 20:42	CHE	XM
Total/NA	Prep	SW8015P		1	3151741_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151741	02/25/21 04:21	ARM	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		1	3151702	02/24/21 21:52	KTL	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		50	3151702	02/25/21 11:21	KTL	XM

Client Sample ID: T-2 (2')

Lab Sample ID: 890-224-10

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151758_P	02/24/21 16:40		XM
Total/NA	Analysis	300.0 - Chloride		20	3151758	02/24/21 20:47	CHE	XM
Total/NA	Prep	SW8015P		1	3151741_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151741	02/25/21 04:55	ARM	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		1	3151702	02/24/21 23:14	KTL	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		100	3151702	02/25/21 12:13	KTL	XM

Client Sample ID: T-2 (3')

Lab Sample ID: 890-224-11

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151758_P	02/24/21 16:40		XM
Total/NA	Analysis	300.0 - Chloride		20	3151758	02/24/21 20:52	CHE	XM
Total/NA	Prep	SW8015P		1	3151741_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151741	02/25/21 05:54	ARM	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		1	3151702	02/24/21 23:35	KTL	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		50	3151702	02/25/21 10:56	KTL	XM

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Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-2 (4')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151758_P	02/24/21 16:40		XM
Total/NA	Analysis	300.0 - Chloride		5	3151758	02/24/21 21:08	CHE	XM
Total/NA	Prep	SW8015P		1	3151741_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151741	02/25/21 06:30	ARM	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		1	3151702	02/24/21 23:55	KTL	XM

Client Sample ID: T-2 (5')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151758_P	02/24/21 16:40		XM
Total/NA	Analysis	300.0 - Chloride		1	3151758	02/24/21 21:14	CHE	XM
Total/NA	Prep	SW8015P		1	3151741_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151741	02/25/21 06:53	ARM	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		1	3151702	02/25/21 00:16	KTL	XM

Client Sample ID: T-2 (6')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151758_P	02/24/21 16:40		XM
Total/NA	Analysis	300.0 - Chloride		1	3151758	02/24/21 21:30	CHE	XM
Total/NA	Prep	SW8015P		1	3151741_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151741	02/25/21 07:15	ARM	XM

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

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151758_P	02/24/21 16:40		XM
Total/NA	Analysis	300.0 - Chloride		5	3151758	02/24/21 21:35	CHE	XM
Total/NA	Prep	SW8015P		1	3151741_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151741	02/25/21 07:35	ARM	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		1	3151702	02/25/21 00:56	KTL	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		200	3151702	02/25/21 16:03	KTL	XM

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Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-3 (1')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151758_P	02/24/21 16:40		XM
Total/NA	Analysis	300.0 - Chloride		5	3151758	02/24/21 21:40	CHE	XM
Total/NA	Prep	SW8015P		1	3151741_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151741	02/25/21 08:05	ARM	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		1	3151702	02/25/21 01:17	KTL	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		200	3151702	02/25/21 16:28	KTL	XM

Client Sample ID: T-3 (2')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151758_P	02/24/21 16:40		XM
Total/NA	Analysis	300.0 - Chloride		10	3151758	02/24/21 21:46	CHE	XM
Total/NA	Prep	SW8015P		1	3151741_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151741	02/25/21 08:42	ARM	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		1	3151702	02/25/21 01:37	KTL	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		200	3151702	02/25/21 16:53	KTL	XM

Client Sample ID: T-3 (3')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151758_P	02/24/21 16:40		XM
Total/NA	Analysis	300.0 - Chloride		1	3151758	02/24/21 21:51	CHE	XM
Total/NA	Prep	SW8015P		1	3151741_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151741	02/25/21 09:18	ARM	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		1	3151702	02/25/21 01:58	KTL	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		200	3151702	02/25/21 17:19	KTL	XM

Client Sample ID: T-3 (4')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151758_P	02/24/21 16:40		XM
Total/NA	Analysis	300.0 - Chloride		1	3151758	02/24/21 21:56	CHE	XM

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Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-3 (4')

Lab Sample ID: 890-224-19

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SW8015P		1	3151741_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151741	02/25/21 09:48	ARM	XM
Total/NA	Prep	SW5035A		1	3151702_P	02/24/21 11:00		XM
Total/NA	Analysis	8021B - BTEX		1	3151702	02/25/21 02:18	KTL	XM

Client Sample ID: T-3 (5')

Lab Sample ID: 890-224-20

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151758_P	02/24/21 16:40		XM
Total/NA	Analysis	300.0 - Chloride		1	3151758	02/24/21 22:02	CHE	XM
Total/NA	Prep	SW8015P		1	3151741_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151741	02/25/21 10:18	ARM	XM
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		1	3151706	02/25/21 05:42	KTL	XM

Client Sample ID: T-3 (6')

Lab Sample ID: 890-224-21

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151761_P	02/24/21 17:25		XM
Total/NA	Analysis	300.0 - Chloride		1	3151761	02/24/21 22:34	CHE	XM
Total/NA	Prep	SW8015P		1	3151743_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151743	02/24/21 23:34	ARM	XM

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

Lab Sample ID: 890-224-22

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151761_P	02/24/21 17:25		XM
Total/NA	Analysis	300.0 - Chloride		1	3151761	02/24/21 22:50	CHE	XM
Total/NA	Prep	SW8015P		1	3151743_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151743	02/25/21 01:34	ARM	XM
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		1	3151706	02/25/21 06:22	KTL	XM
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		100	3151706	02/25/21 12:38	KTL	XM

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Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-4 (1')

Lab Sample ID: 890-224-23

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151761_P	02/24/21 17:25		XM
Total/NA	Analysis	300.0 - Chloride		1	3151761	02/24/21 22:55	CHE	XM
Total/NA	Prep	SW8015P		1	3151743_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151743	02/25/21 02:04	ARM	XM
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		1	3151706	02/25/21 06:43	KTL	XM
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		100	3151706	02/25/21 13:31	KTL	XM

Client Sample ID: T-4 (2')

Lab Sample ID: 890-224-24

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151761_P	02/24/21 17:25		XM
Total/NA	Analysis	300.0 - Chloride		1	3151761	02/24/21 23:00	CHE	XM
Total/NA	Prep	SW8015P		1	3151743_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151743	02/25/21 02:25	ARM	XM
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		1	3151706	02/25/21 07:03	KTL	XM
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		100	3151706	02/25/21 13:05	KTL	XM

Client Sample ID: T-4 (3')

Lab Sample ID: 890-224-25

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151761_P	02/24/21 17:25		XM
Total/NA	Analysis	300.0 - Chloride		1	3151761	02/24/21 23:05	CHE	XM
Total/NA	Prep	SW8015P		1	3151743_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151743	02/25/21 02:46	ARM	XM
Total/NA	Prep	SW5035A		1	3151732_P	02/24/21 17:00		XM
Total/NA	Analysis	8021B - BTEX		1	3151732	02/25/21 10:30	MNR	XM

Client Sample ID: T-4 (4')

Lab Sample ID: 890-224-26

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151761_P	02/24/21 17:25		XM
Total/NA	Analysis	300.0 - Chloride		1	3151761	02/24/21 23:21	CHE	XM
Total/NA	Prep	SW8015P		1	3151743_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151743	02/25/21 03:08	ARM	XM

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Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-4 (4')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		1	3151706	02/25/21 07:44	KTL	XM

Client Sample ID: T-4 (5')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151761_P	02/24/21 17:25		XM
Total/NA	Analysis	300.0 - Chloride		10	3151761	02/24/21 23:27	CHE	XM
Total/NA	Prep	SW8015P		1	3151743_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151743	02/25/21 03:29	ARM	XM
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		1	3151706	02/25/21 08:05	KTL	XM

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

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151761_P	02/24/21 17:25		XM
Total/NA	Analysis	300.0 - Chloride		1	3151761	02/24/21 23:32	CHE	XM
Total/NA	Prep	SW8015P		1	3151743_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151743	02/25/21 03:51	ARM	XM
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		1	3151706	02/25/21 08:25	KTL	XM
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		100	3151706	02/25/21 13:56	KTL	XM

Client Sample ID: T-5 (1')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151761_P	02/24/21 17:25		XM
Total/NA	Analysis	300.0 - Chloride		1	3151761	02/24/21 23:37	CHE	XM
Total/NA	Prep	SW8015P		1	3151743_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151743	02/25/21 04:21	ARM	XM
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		1	3151706	02/25/21 09:03	KTL	XM

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Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-5 (2')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151761_P	02/24/21 17:25		XM
Total/NA	Analysis	300.0 - Chloride		5	3151761	02/24/21 23:43	CHE	XM
Total/NA	Prep	SW8015P		1	3151743_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151743	02/25/21 04:55	ARM	XM
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		1	3151706	02/25/21 10:26	KTL	XM

Client Sample ID: T-5 (3')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-31

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151761_P	02/24/21 17:25		XM
Total/NA	Analysis	300.0 - Chloride		1	3151761	02/24/21 23:48	CHE	XM
Total/NA	Prep	SW8015P		1	3151743_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151743	02/25/21 05:54	ARM	XM
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		1	3151706	02/25/21 10:46	KTL	XM

Client Sample ID: T-5 (4')

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-32

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151761_P	02/24/21 17:25		XM
Total/NA	Analysis	300.0 - Chloride		1	3151761	02/25/21 00:04	CHE	XM
Total/NA	Prep	SW8015P		1	3151743_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151743	02/25/21 06:30	ARM	XM
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		1	3151706	02/25/21 11:06	KTL	XM

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

Date Collected: 02/23/21 00:00

Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-33

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151761_P	02/24/21 17:25		XM
Total/NA	Analysis	300.0 - Chloride		1	3151761	02/25/21 00:09	CHE	XM
Total/NA	Prep	SW8015P		1	3151743_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151743	02/25/21 06:53	ARM	XM
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		1	3151706	02/25/21 11:27	KTL	XM

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Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: T-6 (1')

Lab Sample ID: 890-224-34

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151761_P	02/24/21 17:25		XM
Total/NA	Analysis	300.0 - Chloride		5	3151761	02/25/21 00:25	CHE	XM
Total/NA	Prep	SW8015P		1	3151743_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151743	02/25/21 07:15	ARM	XM
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		1	3151706	02/25/21 11:47	KTL	XM

Client Sample ID: T-6 (2')

Lab Sample ID: 890-224-35

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151761_P	02/24/21 17:25		XM
Total/NA	Analysis	300.0 - Chloride		1	3151761	02/25/21 00:31	CHE	XM
Total/NA	Prep	SW8015P		1	3151743_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151743	02/25/21 07:35	ARM	XM
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		1	3151706	02/25/21 12:08	KTL	XM

Client Sample ID: T-6 (3')

Lab Sample ID: 890-224-36

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151761_P	02/24/21 17:25		XM
Total/NA	Analysis	300.0 - Chloride		1	3151761	02/25/21 00:36	CHE	XM
Total/NA	Prep	SW8015P		1	3151743_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151743	02/25/21 08:05	ARM	XM
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		1	3151706	02/25/21 12:28	KTL	XM

Client Sample ID: T-6 (4')

Lab Sample ID: 890-224-37

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151761_P	02/24/21 17:25		XM
Total/NA	Analysis	300.0 - Chloride		1	3151761	02/25/21 00:41	CHE	XM
Total/NA	Prep	SW8015P		1	3151743_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151743	02/25/21 08:42	ARM	XM
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		1	3151706	02/25/21 12:49	KTL	XM

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Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: H-1 (0-6")

Lab Sample ID: 890-224-38

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151761_P	02/24/21 17:25		XM
Total/NA	Analysis	300.0 - Chloride		1	3151761	02/25/21 00:47	CHE	XM
Total/NA	Prep	SW8015P		1	3151743_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151743	02/25/21 09:18	ARM	XM
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		1	3151706	02/25/21 13:09	KTL	XM

Client Sample ID: H-2 (0-6")

Lab Sample ID: 890-224-39

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151761_P	02/24/21 17:25		XM
Total/NA	Analysis	300.0 - Chloride		1	3151761	02/25/21 00:52	CHE	XM
Total/NA	Prep	SW8015P		1	3151743_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151743	02/25/21 09:48	ARM	XM
Total/NA	Prep	SW5035A		1	3151706_P	02/24/21 11:15		XM
Total/NA	Analysis	8021B - BTEX		1	3151706	02/25/21 13:29	KTL	XM

Client Sample ID: H-3 (0-6")

Lab Sample ID: 890-224-40

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151761_P	02/24/21 17:25		XM
Total/NA	Analysis	300.0 - Chloride		1	3151761	02/25/21 00:57	CHE	XM
Total/NA	Prep	SW8015P		1	3151743_P	02/24/21 17:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151743	02/25/21 10:18	ARM	XM
Total/NA	Prep	SW5035A		1	3151692_P	02/24/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3151692	02/24/21 20:20	MNR	XM

Client Sample ID: H-4 (0-6")

Lab Sample ID: 890-224-41

Date Collected: 02/23/21 00:00

Matrix: Solid

Date Received: 02/24/21 08:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151763_P	02/24/21 19:00		XM
Total/NA	Analysis	300.0 - Chloride		1	3151763	02/25/21 08:47	SPC	XM
Total/NA	Prep	SW8015P		1	3151873_P	02/25/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151873	02/25/21 17:58	ARM	XM
Total/NA	Prep	SW5035A		1	3151692_P	02/24/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3151692	02/24/21 20:45	MNR	XM

Eurofins Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Client Sample ID: H-5 (0-6")
Date Collected: 02/23/21 00:00
Date Received: 02/24/21 08:39

Lab Sample ID: 890-224-42
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	E300P		1	3151763_P	02/24/21 19:00		XM
Total/NA	Analysis	300.0 - Chloride		10	3151763	02/25/21 09:03	SPC	XM
Total/NA	Prep	SW8015P		1	3151873_P	02/25/21 12:00		XM
Total/NA	Analysis	8015 NM - TPH		1	3151873	02/25/21 18:19	ARM	XM
Total/NA	Prep	SW5035A		1	3151692_P	02/24/21 16:00		XM
Total/NA	Analysis	8021B - BTEX		1	3151692	02/24/21 21:10	MNR	XM

Laboratory References:
XM = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

- 1
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Method Summary

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Method	Method Description	Protocol	Laboratory
300.0	EPA 300.0	EPA	XM
8015B	SW846 8015B TPH ORO	SW846	XM
8021	SW846 8021 Volatile Organic Compounds	SW846	XM

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State #1

Job ID: 890-224-1
SDG: 212C-MD-02437

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
890-224-1	T-1 (0-1')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-2	T-1 (1')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-3	T-1 (2')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-4	T-1 (3')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-5	T-1 (4')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-6	T-1 (5')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-7	T-1 (6')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-8	T-2 (0-1')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-9	T-2 (1')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-10	T-2 (2')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-11	T-2 (3')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-12	T-2 (4')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-13	T-2 (5')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-14	T-2 (6')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-15	T-3 (0-1')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-16	T-3 (1')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-17	T-3 (2')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-18	T-3 (3')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-19	T-3 (4')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-20	T-3 (5')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-21	T-3 (6')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-22	T-4 (0-1')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-23	T-4 (1')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-24	T-4 (2')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-25	T-4 (3')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-26	T-4 (4')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-27	T-4 (5')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-28	T-5 (0-1')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-29	T-5 (1')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-30	T-5 (2')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-31	T-5 (3')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-32	T-5 (4')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-33	T-6 (0-1')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-34	T-6 (1')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-35	T-6 (2')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-36	T-6 (3')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-37	T-6 (4')	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-38	H-1 (0-6")	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-39	H-2 (0-6")	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-40	H-3 (0-6")	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-41	H-4 (0-6")	Solid	02/23/21 00:00	02/24/21 08:39	
890-224-42	H-5 (0-6")	Solid	02/23/21 00:00	02/24/21 08:39	

Eurofins Carlsbad

Analysis Request of Custody Record



Tetra Tech, Inc.

 901 West Wall Street, Ste 100
 Midland, Texas 79701
 Tel (432) 682-4559
 Fax (432) 682-4946


890-224 Chain of Custody

Page 1 of 1

2/26/2021

Client Name: EOG		Site Manager: Brittany Long	
Project Name: Doc BHU State #1		Project #: 212C-MD-02437	
Project Location: Lea County, NM		Project #: 212C-MD-02437	
Invoice to: EOG Todd Wells		Sampler Signature: Ezequiel Moreno	
Receiving Laboratory: Xenco		Sampler Signature: Ezequiel Moreno	
Comments:			

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)		
		DATE	TIME	WATER	SOIL	HCL	HNO ₃			ICE	None
		YEAR: 2020									
	T-1 (0-1')	2/23/2021		X		X		1	N		
	T-1 (1')	2/23/2021		X		X		1	N		
	T-1 (2')	2/23/2021		X		X		1	N		
	T-1 (3')	2/23/2021		X		X		1	N		
	T-1 (4')	2/23/2021		X		X		1	N		
	T-1 (5')	2/23/2021		X		X		1	N		
	T-1 (6')	2/23/2021		X		X		1	N		
	T-2 (0-1')	2/23/2021		X		X		1	N		
	T-2 (1')	2/23/2021		X		X		1	N		
	T-2 (2')	2/23/2021		X		X		1	N		

Reinquired by: <i>Joe Cufre</i> 2/24/21 0836	Received by: <i>Joe Cufre</i> 2/24/21 0836
Reinquired by: <i>Joe Cufre</i> 2/24/21	Received by: <i>Joe Cufre</i> 2/24/21
Reinquired by: _____	Received by: _____

Reinquired by: _____	Received by: _____
Reinquired by: _____	Received by: _____

ANALYSIS REQUEST

(Circle or Specify Method No.)

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

Hold

LAB USE ONLY

REMARKS:

STANDARD

Sample Temperature

☒ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

 501 W 681st Mall Street, Ste 100
 Midland, Texas 79701
 Tel (432) 682-4559
 Fax (432) 682-2946

Page 2 of 2

2/26/2021

Client Name: EOG		Site Manager: Britany Long	
Project Name: Doc BHU State #1		Project #: 212C-MD-02437	
Project Location: Lea County, NM		Project #: 212C-MD-02437	
Invoice to: EOG Todd Wells		Sampler Signature: Ezequiel Moreno	
Receiving Laboratory: Xenco		Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX	PRESERVATIVE METHOD				# CONTAINERS	FILTERED (Y/N)
		DATE	TIME		WATER	SOIL	HCL	HNO ₃		
	T-2 (3)	2/23/2021		X		X			1	N
	T-2 (4)	2/23/2021		X		X			1	N
	T-2 (5)	2/23/2021		X		X			1	N
	T-2 (6)	2/23/2021		X		X			1	N
	T-3 (0-1)	2/23/2021		X		X			1	N
	T-3 (1)	2/23/2021		X		X			1	N
	T-3 (2)	2/23/2021		X		X			1	N
	T-3 (3)	2/23/2021		X		X			1	N
	T-3 (4)	2/23/2021		X		X			1	N
	T-3 (5)	2/23/2021		X		X			1	N

Relinquished by: <i>E and M</i>	Date: 2/24/21	Time:	Received by: <i>Joe C</i>	Date: 2-24-21	Time: 0836
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

ANALYSIS REQUEST

(Circle or Specify Method No.)

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

Hold

LAB USE ONLY

REMARKS:

STANDARD

Sample Temperature

Page 1

☐ RUSH: Same Day
☒ 24 hr
☐ 48 hr
☐ 72 hr
☐ Rush Charges Authorized
☐ Special Report Limits or TRRP Report

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Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

 301 West Main Street, Ste 100
 Midland, Texas 79701
 Tel (432) 682-4559
 Fax (432) 682-3946

Page 3 of 5

2/26/2021

Client Name: EOG		Site Manager: Brittany Long						
Project Name: Doc BHU State #1		Project #: 212C-MD-02437						
Project Location: Lea County, NM		Project #: 212C-MD-02437						
Invoice to: EOG Todd Wells		Sampler Signature: Ezequiel Moreno						
Receiving Laboratory: Xenco		Sampler Signature: Ezequiel Moreno						
Comments:								
LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	ANALYSIS REQUEST (Circle or Specify Method No.)
		YEAR: 2020	DATE					
	T-3 (6')	2/23/2021				1	N	BTEX 8021B
	T-4 (0-1')	2/23/2021				1	N	TPH TX1005 (Ext to C35)
	T-4 (1')	2/23/2021				1	N	TPH 8015M (GRO - DRO - ORO - MRO)
	T-4 (2')	2/23/2021				1	N	PAH 8270C
	T-4 (3')	2/23/2021				1	N	Total Metals Ag As Ba Cd Cr Pb Se Hg
	T-4 (4')	2/23/2021				1	N	TCLP Metals Ag As Ba Cd Cr Pb Se Hg
	T-4 (5')	2/23/2021				1	N	TCLP Volatiles
	T-5 (0-1')	2/23/2021				1	N	TCLP Semi Volatiles
	T-5 (1')	2/23/2021				1	N	RCI
	T-5 (2')	2/23/2021				1	N	GC/MS Vol. 8260B / 624
								GC/MS Semi. Vol. 8270C/625
								PCB's 8082 / 608
								NORM
								PLM (Asbestos)
								Chloride 300.0
								Chloride Sulfate TDS
								General Water Chemistry (see attached list)
								Anion/Cation Balance
								TPH 8015R
								Hold
Relinquished by: <i>Fred Moore</i> 2/24/21		Received by: <i>Clae Duff</i> 2-24-21 0836						
Relinquished by: _____		Received by: _____						
Date: _____ Time: _____		Date: _____ Time: _____						
Relinquished by: _____		Received by: _____						
Date: _____ Time: _____		Date: _____ Time: _____						

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 Sample Temperature
See Page 1
☐ STANDARD
☒ RUSH: Same Day 24 hr 48 hr 72 hr
☐ Rush Charges Authorized
☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

Analysis Request of Custody Record



Tetra Tech, Inc.

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 Midland, Texas 79701
 Tel (432) 682-4559
 Fax (432) 682-3946

Page 4 of 5

2/26/2021

Client Name: EOG		Site Manager: Brittany Long					
Project Name: Doc BHU State #1		Project #: 212C-MD-02437					
Project Location: Lea County, NM		Project #: 212C-MD-02437					
Invoice to: EOG Todd Wells		Sampler Signature: Ezequiel Moreno					
Receiving Laboratory: Xenco		Sampler Signature: Ezequiel Moreno					
Comments:							
LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)
		YEAR: 2020	DATE				
	T-5 (3)	2/23/2021			X	1	N
	T-5 (4)	2/23/2021			X	1	N
	T-6 (0-1')	2/23/2021			X	1	N
	T-6 (1')	2/23/2021			X	1	N
	T-6 (2')	2/23/2021			X	1	N
	T-6 (3')	2/23/2021			X	1	N
	T-6 (4')	2/23/2021			X	1	N
	H-1 (0-6')	2/23/2021			X	1	N
	H-2 (0-6')	2/23/2021			X	1	N
	H-3 (0-6')	2/23/2021			X	1	N
Relinquished by: <i>Ezequiel Moreno</i>		Date: 2/24/21	Time:	Received by: <i>Cee Oufet</i>		Date: 2-24-21	Time: 0836
Relinquished by:		Date:	Time:	Received by:		Date:	Time:
Relinquished by:		Date:	Time:	Received by:		Date:	Time:

ANALYSIS REQUEST

(Circle or Specify Method No.)

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

☐ STANDARD
☒ RUSH: Same Day 24 hr 48 hr 72 hr
☐ Rush Charges Authorized
☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

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Analysis Request of Chain of Custody Record

Page 5 of 5



Tetra Tech, Inc.

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

Client Name: EOG		Site Manager: Brittany Long	
Project Name: Doc BHU State #1		Project #: 212C-MD-02437	
Project Location: Lea County, NM (county, state)		Project #: 212C-MD-02437	
Invoice to: EOG Todd Wells		Sampler Signature: Ezequiel Moreno	
Receiving Laboratory: Xenco		Sampler Signature: Ezequiel Moreno	
Comments:			

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)	ANALYSIS REQUEST (Circle or Specify Method No.)			
		YEAR: 2020	DATE	TIME	WATER	SOIL	HCL				HNO ₃	ICE	None
	H-4 (0-6")		2/23/2021		X			X	1	N	BTEX 8021B		
	H-5 (0-6")		2/23/2021		X			X	1	N	TPH TX1005 (Ext to C35)		
											TPH 8015M (GRO - DRO - ORO - MRO)		
											PAH 8270C		
											Total Metals Ag As Ba Cd Cr Pb Se Hg		
											TCLP Metals Ag As Ba Cd Cr Pb Se Hg		
											TCLP Volatiles		
											TCLP Semi Volatiles		
											RCI		
											GC/MS Vol. 8260B / 624		
											GC/MS Semi. Vol. 8270C/625		
											PCB's 8082 / 608		
											NORM		
											PLM (Asbestos)		
											Chloride 300.0		
											Chloride Sulfate TDS		
											General Water Chemistry (see attached list)		
											Anion/Cation Balance		
											TPH 8015R		
											Hold		

Relinquished by: <i>Ezequiel Moreno</i> 2/24/21	Date: 2/24/21	Time:	Received by: <i>Ezequiel Moreno</i> 2-24-21 0830	Date: 2-24-21	Time: 0830
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
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LAB USE ONLY	REMARKS:
☐ STANDARD ☒ RUSH: Same Day 24 hr 48 hr 72 hr ☐ Rush Charges Authorized ☐ Special Report Limits or TRRP Report	

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Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-224-1

SDG Number: 212C-MD-02437

Login Number: 224

List Number: 1

Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

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



Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-471-1

Laboratory Sample Delivery Group: Eddy County NM
Client Project/Site: Doc BHU State # 1 - 212C-MD-02437

For:

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

Attn: Clair Gonzales

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

Authorized for release by:
4/5/2021 8:02:06 AM

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

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

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

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Laboratory Job ID: 890-471-1
SDG: Eddy County NM

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Definitions/Glossary

Client: Tetra Tech, Inc.

Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1

SDG: Eddy County NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Xenco, Carlsbad

Case Narrative

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Job ID: 890-471-1**Laboratory: Eurofins Xenco, Carlsbad****Narrative**

Job Narrative
890-471-1

Comments

No additional comments.

Receipt

The samples were received on 4/1/2021 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice.

Receipt Exceptions

The following samples analyzed for method BTEX 8021 were received and analyzed from an unpreserved bulk soil jar: BH-1 (5) (890-471-1), BH-2 (5) (890-471-2), BH-3 (5) (890-471-3), BH-4 (5) (890-471-4), BH-5 (5) (890-471-5), BH-6 (5) (890-471-6), BH-7 (5) (890-471-7), BH-8 (5) (890-471-8), BH-9 (3) (890-471-9), BH-10 (3) (890-471-10), BH-11 (3) (890-471-11), BH-12 (3) (890-471-12), BH-13 (3) (890-471-13), BH-14 (4) (890-471-14), BH-15 (4) (890-471-15), BH-16 (4) (890-471-16), BH-17 (5) (890-471-17), BH-18 (5) (890-471-18), BH-19 (5) (890-471-19), BH-20 (4) (890-471-20), BH-21 (8) (890-471-21), BH-22 (4) (890-471-22), BH-23 (4) (890-471-23), BH-24 (4) (890-471-24), BH-25 (5) (890-471-25), BH-26 (5) (890-471-26), BH-27 (5) (890-471-27), BH-28 (5) (890-471-28), BH-29 (5) (890-471-29), BH-30 (5) (890-471-30), BH-31 (5) (890-471-31), BH-32 (5) (890-471-32), SW-1 (5) (890-471-33), SW-2 (5) (890-471-34), SW-3 (5) (890-471-35), SW-4 (5) (890-471-36), SW-5 (3) (890-471-37), SW-6 (3) (890-471-38), SW-7 (4) (890-471-39), SW-8 (4) (890-471-40), SW-9 (4) (890-471-41), SW-10 (8) (890-471-42), SW-11 (8) (890-471-43), SW-12 (8) (890-471-44), SW-13 (8) (890-471-45), SW-14 (5) (890-471-46), SW-15 (5) (890-471-47), SW-16 (4) (890-471-48) and SW-17 (4) (890-471-49).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-12 (8) (890-471-44) and (890-437-A-20-D). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH-1 (5) (890-471-1), BH-3 (5) (890-471-3), BH-5 (5) (890-471-5), BH-18 (5) (890-471-18) and BH-22 (4) (890-471-22). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-1 (5) (890-471-33) and SW-5 (3) (890-471-37). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: BH-1 (5)

Lab Sample ID: 890-471-1

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0135		0.00202		mg/Kg		04/01/21 15:25	04/01/21 19:35	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:25	04/01/21 19:35	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:25	04/01/21 19:35	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/01/21 15:25	04/01/21 19:35	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:25	04/01/21 19:35	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/01/21 15:25	04/01/21 19:35	1
Total BTEX	0.0135		0.00202		mg/Kg		04/01/21 15:25	04/01/21 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	04/01/21 15:25	04/01/21 19:35	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/01/21 15:25	04/01/21 19:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 00:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 00:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 00:49	1
Total TPH	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 00:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	04/01/21 15:33	04/02/21 00:49	1
o-Terphenyl	92		70 - 130	04/01/21 15:33	04/02/21 00:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.0	F1	25.0		mg/Kg			04/02/21 17:54	5

Client Sample ID: BH-2 (5)

Lab Sample ID: 890-471-2

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/01/21 19:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/01/21 19:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/01/21 19:56	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/01/21 15:25	04/01/21 19:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/01/21 19:56	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/01/21 15:25	04/01/21 19:56	1
Total BTEX	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/01/21 19:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/01/21 15:25	04/01/21 19:56	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/01/21 15:25	04/01/21 19:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 01:51	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Client Sample ID: BH-2 (5)

Lab Sample ID: 890-471-2

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 01:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 01:51	1
Total TPH	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 01:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				04/01/21 15:33	04/02/21 01:51	1
o-Terphenyl	105		70 - 130				04/01/21 15:33	04/02/21 01:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	412		4.99		mg/Kg			04/02/21 15:11	1

Client Sample ID: BH-3 (5)

Lab Sample ID: 890-471-3

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/01/21 20:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/01/21 20:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/01/21 20:17	1
m-Xylene & p-Xylene	0.00421		0.00398		mg/Kg		04/01/21 15:25	04/01/21 20:17	1
o-Xylene	0.00580		0.00199		mg/Kg		04/01/21 15:25	04/01/21 20:17	1
Xylenes, Total	0.0100		0.00398		mg/Kg		04/01/21 15:25	04/01/21 20:17	1
Total BTEX	0.0100		0.00199		mg/Kg		04/01/21 15:25	04/01/21 20:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				04/01/21 15:25	04/01/21 20:17	1
1,4-Difluorobenzene (Surr)	88		70 - 130				04/01/21 15:25	04/01/21 20:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 02:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 02:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 02:12	1
Total TPH	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 02:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				04/01/21 15:33	04/02/21 02:12	1
o-Terphenyl	108		70 - 130				04/01/21 15:33	04/02/21 02:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.2		25.3		mg/Kg			04/02/21 15:27	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: BH-4 (5)

Lab Sample ID: 890-471-4

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/01/21 20:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/01/21 20:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/01/21 20:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/21 15:25	04/01/21 20:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/01/21 20:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/21 15:25	04/01/21 20:37	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/01/21 20:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/01/21 15:25	04/01/21 20:37	1
1,4-Difluorobenzene (Surr)	108		70 - 130	04/01/21 15:25	04/01/21 20:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 02:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 02:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 02:33	1
Total TPH	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 02:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	04/01/21 15:33	04/02/21 02:33	1
o-Terphenyl	99		70 - 130	04/01/21 15:33	04/02/21 02:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.5		25.1		mg/Kg			04/02/21 15:33	5

Client Sample ID: BH-5 (5)

Lab Sample ID: 890-471-5

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0394		0.00200		mg/Kg		04/01/21 15:25	04/01/21 20:58	1
Toluene	0.00449		0.00200		mg/Kg		04/01/21 15:25	04/01/21 20:58	1
Ethylbenzene	0.0344		0.00200		mg/Kg		04/01/21 15:25	04/01/21 20:58	1
m-Xylene & p-Xylene	0.0285		0.00399		mg/Kg		04/01/21 15:25	04/01/21 20:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/01/21 20:58	1
Xylenes, Total	0.0285		0.00399		mg/Kg		04/01/21 15:25	04/01/21 20:58	1
Total BTEX	0.107		0.00200		mg/Kg		04/01/21 15:25	04/01/21 20:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	04/01/21 15:25	04/01/21 20:58	1
1,4-Difluorobenzene (Surr)	70		70 - 130	04/01/21 15:25	04/01/21 20:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 02:54	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Client Sample ID: BH-5 (5)

Lab Sample ID: 890-471-5

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 02:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 02:54	1
Total TPH	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 02:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				04/01/21 15:33	04/02/21 02:54	1
o-Terphenyl	105		70 - 130				04/01/21 15:33	04/02/21 02:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	407		4.98		mg/Kg			04/02/21 15:38	1

Client Sample ID: BH-6 (5)

Lab Sample ID: 890-471-6

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/01/21 21:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/01/21 21:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/01/21 21:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/21 15:25	04/01/21 21:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/01/21 21:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/21 15:25	04/01/21 21:18	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/01/21 21:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				04/01/21 15:25	04/01/21 21:18	1
1,4-Difluorobenzene (Surr)	121		70 - 130				04/01/21 15:25	04/01/21 21:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 03:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 03:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 03:15	1
Total TPH	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 03:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				04/01/21 15:33	04/02/21 03:15	1
o-Terphenyl	111		70 - 130				04/01/21 15:33	04/02/21 03:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	239		4.97		mg/Kg			04/02/21 15:44	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Client Sample ID: BH-7 (5)

Lab Sample ID: 890-471-7

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/01/21 21:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/01/21 21:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/01/21 21:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/01/21 15:25	04/01/21 21:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/01/21 21:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/01/21 15:25	04/01/21 21:39	1
Total BTEX	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/01/21 21:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	04/01/21 15:25	04/01/21 21:39	1
1,4-Difluorobenzene (Surr)	109		70 - 130	04/01/21 15:25	04/01/21 21:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 03:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 03:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 03:36	1
Total TPH	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 03:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	04/01/21 15:33	04/02/21 03:36	1
o-Terphenyl	101		70 - 130	04/01/21 15:33	04/02/21 03:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	237		4.95		mg/Kg			04/02/21 16:00	1

Client Sample ID: BH-8 (5)

Lab Sample ID: 890-471-8

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/01/21 22:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/01/21 22:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/01/21 22:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/01/21 15:25	04/01/21 22:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/01/21 22:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/01/21 15:25	04/01/21 22:00	1
Total BTEX	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/01/21 22:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	04/01/21 15:25	04/01/21 22:00	1
1,4-Difluorobenzene (Surr)	115		70 - 130	04/01/21 15:25	04/01/21 22:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/01/21 15:33	04/02/21 03:57	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Client Sample ID: BH-8 (5)

Lab Sample ID: 890-471-8

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/01/21 15:33	04/02/21 03:57	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/01/21 15:33	04/02/21 03:57	1
Total TPH	<50.1	U	50.1		mg/Kg		04/01/21 15:33	04/02/21 03:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				04/01/21 15:33	04/02/21 03:57	1
o-Terphenyl	95		70 - 130				04/01/21 15:33	04/02/21 03:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58.7		24.8		mg/Kg			04/02/21 16:06	5

Client Sample ID: BH-9 (3)

Lab Sample ID: 890-471-9

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/01/21 22:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/01/21 22:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/01/21 22:20	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/01/21 15:25	04/01/21 22:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/01/21 22:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/01/21 15:25	04/01/21 22:20	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/01/21 22:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				04/01/21 15:25	04/01/21 22:20	1
1,4-Difluorobenzene (Surr)	113		70 - 130				04/01/21 15:25	04/01/21 22:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 04:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 04:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 04:18	1
Total TPH	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 04:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				04/01/21 15:33	04/02/21 04:18	1
o-Terphenyl	100		70 - 130				04/01/21 15:33	04/02/21 04:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.8		25.0		mg/Kg			04/02/21 16:11	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: BH-10 (3)

Lab Sample ID: 890-471-10

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/01/21 15:25	04/01/21 22:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/01/21 15:25	04/01/21 22:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/01/21 15:25	04/01/21 22:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/01/21 15:25	04/01/21 22:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/01/21 15:25	04/01/21 22:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/01/21 15:25	04/01/21 22:41	1
Total BTEX	<0.00201	U	0.00201		mg/Kg		04/01/21 15:25	04/01/21 22:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/01/21 15:25	04/01/21 22:41	1
1,4-Difluorobenzene (Surr)	111		70 - 130	04/01/21 15:25	04/01/21 22:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 04:38	1
Diesel Range Organics (Over C10-C28)	76.6		49.9		mg/Kg		04/01/21 15:33	04/02/21 04:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 04:38	1
Total TPH	76.6		49.9		mg/Kg		04/01/21 15:33	04/02/21 04:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	04/01/21 15:33	04/02/21 04:38	1
o-Terphenyl	0.09	S1-	70 - 130	04/01/21 15:33	04/02/21 04:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.7		25.2		mg/Kg			04/02/21 16:17	5

Client Sample ID: BH-11 (3)

Lab Sample ID: 890-471-11

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 00:03	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 00:03	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 00:03	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		04/01/21 15:25	04/02/21 00:03	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 00:03	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/01/21 15:25	04/02/21 00:03	1
Total BTEX	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 00:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	04/01/21 15:25	04/02/21 00:03	1
1,4-Difluorobenzene (Surr)	105		70 - 130	04/01/21 15:25	04/02/21 00:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 05:20	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Client Sample ID: BH-11 (3)

Lab Sample ID: 890-471-11

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 05:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 05:20	1
Total TPH	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 05:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				04/01/21 15:33	04/02/21 05:20	1
o-Terphenyl	98		70 - 130				04/01/21 15:33	04/02/21 05:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.5		25.3		mg/Kg			04/02/21 16:22	5

Client Sample ID: BH-12 (3)

Lab Sample ID: 890-471-12

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 00:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 00:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 00:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/01/21 15:25	04/02/21 00:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 00:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/01/21 15:25	04/02/21 00:24	1
Total BTEX	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 00:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				04/01/21 15:25	04/02/21 00:24	1
1,4-Difluorobenzene (Surr)	113		70 - 130				04/01/21 15:25	04/02/21 00:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/01/21 15:33	04/02/21 05:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/01/21 15:33	04/02/21 05:41	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/01/21 15:33	04/02/21 05:41	1
Total TPH	<49.8	U	49.8		mg/Kg		04/01/21 15:33	04/02/21 05:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				04/01/21 15:33	04/02/21 05:41	1
o-Terphenyl	103		70 - 130				04/01/21 15:33	04/02/21 05:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.4	F1 F2	24.9		mg/Kg			04/02/21 16:28	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: BH-13 (3)

Lab Sample ID: 890-471-13

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 00:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 00:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 00:45	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/01/21 15:25	04/02/21 00:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 00:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/01/21 15:25	04/02/21 00:45	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 00:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/01/21 15:25	04/02/21 00:45	1
1,4-Difluorobenzene (Surr)	109		70 - 130	04/01/21 15:25	04/02/21 00:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 06:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 06:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 06:02	1
Total TPH	<49.9	U	49.9		mg/Kg		04/01/21 15:33	04/02/21 06:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	04/01/21 15:33	04/02/21 06:02	1
o-Terphenyl	101		70 - 130	04/01/21 15:33	04/02/21 06:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	176		5.04		mg/Kg			04/02/21 16:45	1

Client Sample ID: BH-14 (4)

Lab Sample ID: 890-471-14

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 01:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 01:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 01:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/01/21 15:25	04/02/21 01:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 01:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/01/21 15:25	04/02/21 01:05	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 01:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/01/21 15:25	04/02/21 01:05	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/01/21 15:25	04/02/21 01:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/01/21 15:33	04/02/21 06:23	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Client Sample ID: BH-14 (4)

Lab Sample ID: 890-471-14

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/01/21 15:33	04/02/21 06:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/01/21 15:33	04/02/21 06:23	1
Total TPH	<49.8	U	49.8		mg/Kg		04/01/21 15:33	04/02/21 06:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				04/01/21 15:33	04/02/21 06:23	1
o-Terphenyl	100		70 - 130				04/01/21 15:33	04/02/21 06:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		4.97		mg/Kg			04/02/21 16:50	1

Client Sample ID: BH-15 (4)

Lab Sample ID: 890-471-15

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 01:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 01:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 01:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/21 15:25	04/02/21 01:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 01:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/21 15:25	04/02/21 01:26	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 01:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				04/01/21 15:25	04/02/21 01:26	1
1,4-Difluorobenzene (Surr)	91		70 - 130				04/01/21 15:25	04/02/21 01:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 06:44	1
Diesel Range Organics (Over C10-C28)	59.1		50.0		mg/Kg		04/01/21 15:33	04/02/21 06:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 06:44	1
Total TPH	59.1		50.0		mg/Kg		04/01/21 15:33	04/02/21 06:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				04/01/21 15:33	04/02/21 06:44	1
o-Terphenyl	102		70 - 130				04/01/21 15:33	04/02/21 06:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	142		4.95		mg/Kg			04/02/21 17:07	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: BH-16 (4)

Lab Sample ID: 890-471-16

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 01:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 01:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 01:46	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/01/21 15:25	04/02/21 01:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 01:46	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/01/21 15:25	04/02/21 01:46	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 01:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	04/01/21 15:25	04/02/21 01:46	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/01/21 15:25	04/02/21 01:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 07:05	1
Diesel Range Organics (Over C10-C28)	100		50.0		mg/Kg		04/01/21 15:33	04/02/21 07:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 07:05	1
Total TPH	100		50.0		mg/Kg		04/01/21 15:33	04/02/21 07:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	04/01/21 15:33	04/02/21 07:05	1
o-Terphenyl	100		70 - 130	04/01/21 15:33	04/02/21 07:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	267		5.05		mg/Kg			04/02/21 17:12	1

Client Sample ID: BH-17 (5)

Lab Sample ID: 890-471-17

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00213		0.00201		mg/Kg		04/01/21 15:25	04/02/21 02:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/01/21 15:25	04/02/21 02:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/01/21 15:25	04/02/21 02:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/01/21 15:25	04/02/21 02:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/01/21 15:25	04/02/21 02:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/01/21 15:25	04/02/21 02:07	1
Total BTEX	0.00213		0.00201		mg/Kg		04/01/21 15:25	04/02/21 02:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/01/21 15:25	04/02/21 02:07	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/01/21 15:25	04/02/21 02:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 07:26	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Client Sample ID: BH-17 (5)

Lab Sample ID: 890-471-17

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	76.7		50.0		mg/Kg		04/01/21 15:33	04/02/21 07:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 07:26	1
Total TPH	76.7		50.0		mg/Kg		04/01/21 15:33	04/02/21 07:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				04/01/21 15:33	04/02/21 07:26	1
o-Terphenyl	108		70 - 130				04/01/21 15:33	04/02/21 07:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	156		5.05		mg/Kg			04/02/21 17:18	1

Client Sample ID: BH-18 (5)

Lab Sample ID: 890-471-18

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 02:28	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 02:28	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 02:28	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		04/01/21 15:25	04/02/21 02:28	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 02:28	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/01/21 15:25	04/02/21 02:28	1
Total BTEX	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 02:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				04/01/21 15:25	04/02/21 02:28	1
1,4-Difluorobenzene (Surr)	101		70 - 130				04/01/21 15:25	04/02/21 02:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 07:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 07:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 07:50	1
Total TPH	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/02/21 07:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				04/01/21 15:33	04/02/21 07:50	1
o-Terphenyl	103		70 - 130				04/01/21 15:33	04/02/21 07:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	177		4.98		mg/Kg			04/02/21 17:23	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: BH-19 (5)

Lab Sample ID: 890-471-19

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/01/21 15:25	04/02/21 02:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/01/21 15:25	04/02/21 02:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/01/21 15:25	04/02/21 02:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/01/21 15:25	04/02/21 02:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/01/21 15:25	04/02/21 02:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/01/21 15:25	04/02/21 02:48	1
Total BTEX	<0.00201	U	0.00201		mg/Kg		04/01/21 15:25	04/02/21 02:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/01/21 15:25	04/02/21 02:48	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/01/21 15:25	04/02/21 02:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/01/21 15:33	04/02/21 08:12	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/01/21 15:33	04/02/21 08:12	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/01/21 15:33	04/02/21 08:12	1
Total TPH	<50.1	U	50.1		mg/Kg		04/01/21 15:33	04/02/21 08:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	04/01/21 15:33	04/02/21 08:12	1
o-Terphenyl	100		70 - 130	04/01/21 15:33	04/02/21 08:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	161		5.00		mg/Kg			04/02/21 17:29	1

Client Sample ID: BH-20 (4)

Lab Sample ID: 890-471-20

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:25	04/02/21 03:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:25	04/02/21 03:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:25	04/02/21 03:09	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/01/21 15:25	04/02/21 03:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:25	04/02/21 03:09	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/01/21 15:25	04/02/21 03:09	1
Total BTEX	<0.00202	U	0.00202		mg/Kg		04/01/21 15:25	04/02/21 03:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/01/21 15:25	04/02/21 03:09	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/01/21 15:25	04/02/21 03:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/01/21 15:33	04/02/21 08:33	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Client Sample ID: BH-20 (4)

Lab Sample ID: 890-471-20

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/01/21 15:33	04/02/21 08:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/01/21 15:33	04/02/21 08:33	1
Total TPH	<49.8	U	49.8		mg/Kg		04/01/21 15:33	04/02/21 08:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				04/01/21 15:33	04/02/21 08:33	1
o-Terphenyl	98		70 - 130				04/01/21 15:33	04/02/21 08:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	165		5.00		mg/Kg			04/02/21 17:34	1

Client Sample ID: BH-21 (8)

Lab Sample ID: 890-471-21

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		04/01/21 15:25	04/02/21 06:34	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		04/01/21 15:25	04/02/21 06:34	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		04/01/21 15:25	04/02/21 06:34	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		04/01/21 15:25	04/02/21 06:34	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		04/01/21 15:25	04/02/21 06:34	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		04/01/21 15:25	04/02/21 06:34	1
Total BTEX	<0.00200	U F1	0.00200		mg/Kg		04/01/21 15:25	04/02/21 06:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				04/01/21 15:25	04/02/21 06:34	1
1,4-Difluorobenzene (Surr)	98		70 - 130				04/01/21 15:25	04/02/21 06:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		04/01/21 15:52	04/02/21 00:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/21 15:52	04/02/21 00:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/21 15:52	04/02/21 00:49	1
Total TPH	<49.9	U	49.9		mg/Kg		04/01/21 15:52	04/02/21 00:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				04/01/21 15:52	04/02/21 00:49	1
o-Terphenyl	97		70 - 130				04/01/21 15:52	04/02/21 00:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	179		4.96		mg/Kg			04/02/21 17:40	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: BH-22 (4)

Lab Sample ID: 890-471-22

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0130		0.00200		mg/Kg		04/01/21 15:25	04/02/21 06:55	1
Toluene	0.00201		0.00200		mg/Kg		04/01/21 15:25	04/02/21 06:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 06:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/01/21 15:25	04/02/21 06:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 06:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/01/21 15:25	04/02/21 06:55	1
Total BTEX	0.0150		0.00200		mg/Kg		04/01/21 15:25	04/02/21 06:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	177	S1+	70 - 130	04/01/21 15:25	04/02/21 06:55	1
1,4-Difluorobenzene (Surr)	73		70 - 130	04/01/21 15:25	04/02/21 06:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		04/01/21 15:52	04/02/21 01:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/21 15:52	04/02/21 01:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/21 15:52	04/02/21 01:51	1
Total TPH	<49.9	U	49.9		mg/Kg		04/01/21 15:52	04/02/21 01:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	04/01/21 15:52	04/02/21 01:51	1
o-Terphenyl	96		70 - 130	04/01/21 15:52	04/02/21 01:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	165		5.01		mg/Kg			04/02/21 01:33	1

Client Sample ID: BH-23 (4)

Lab Sample ID: 890-471-23

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00332		0.00198		mg/Kg		04/01/21 15:25	04/02/21 07:15	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 07:15	1
Ethylbenzene	0.0160		0.00198		mg/Kg		04/01/21 15:25	04/02/21 07:15	1
m-Xylene & p-Xylene	0.0402		0.00397		mg/Kg		04/01/21 15:25	04/02/21 07:15	1
o-Xylene	0.00434		0.00198		mg/Kg		04/01/21 15:25	04/02/21 07:15	1
Xylenes, Total	0.0445		0.00397		mg/Kg		04/01/21 15:25	04/02/21 07:15	1
Total BTEX	0.0639		0.00198		mg/Kg		04/01/21 15:25	04/02/21 07:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	04/01/21 15:25	04/02/21 07:15	1
1,4-Difluorobenzene (Surr)	117		70 - 130	04/01/21 15:25	04/02/21 07:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	236	**	50.0		mg/Kg		04/01/21 15:52	04/02/21 02:12	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Client Sample ID: BH-23 (4)

Lab Sample ID: 890-471-23

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	747		50.0		mg/Kg		04/01/21 15:52	04/02/21 02:12	1
Oil Range Organics (Over C28-C36)	94.5		50.0		mg/Kg		04/01/21 15:52	04/02/21 02:12	1
Total TPH	1080		50.0		mg/Kg		04/01/21 15:52	04/02/21 02:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	04/01/21 15:52	04/02/21 02:12	1
o-Terphenyl	110		70 - 130	04/01/21 15:52	04/02/21 02:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.5		4.99		mg/Kg			04/02/21 01:49	1

Client Sample ID: BH-24 (4)

Lab Sample ID: 890-471-24

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00320		0.00199		mg/Kg		04/01/21 15:25	04/02/21 07:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 07:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 07:36	1
m-Xylene & p-Xylene	0.0476		0.00398		mg/Kg		04/01/21 15:25	04/02/21 07:36	1
o-Xylene	0.00631		0.00199		mg/Kg		04/01/21 15:25	04/02/21 07:36	1
Xylenes, Total	0.0539		0.00398		mg/Kg		04/01/21 15:25	04/02/21 07:36	1
Total BTEX	0.0571		0.00199		mg/Kg		04/01/21 15:25	04/02/21 07:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130	04/01/21 15:25	04/02/21 07:36	1
1,4-Difluorobenzene (Surr)	105		70 - 130	04/01/21 15:25	04/02/21 07:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	114	*+	50.0		mg/Kg		04/01/21 15:52	04/02/21 02:33	1
Diesel Range Organics (Over C10-C28)	520		50.0		mg/Kg		04/01/21 15:52	04/02/21 02:33	1
Oil Range Organics (Over C28-C36)	63.5		50.0		mg/Kg		04/01/21 15:52	04/02/21 02:33	1
Total TPH	698		50.0		mg/Kg		04/01/21 15:52	04/02/21 02:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	04/01/21 15:52	04/02/21 02:33	1
o-Terphenyl	102		70 - 130	04/01/21 15:52	04/02/21 02:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.7		4.96		mg/Kg			04/02/21 01:55	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Client Sample ID: BH-25 (5)

Lab Sample ID: 890-471-25

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00314		0.00198		mg/Kg		04/01/21 15:25	04/02/21 07:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 07:56	1
Ethylbenzene	0.0338		0.00198		mg/Kg		04/01/21 15:25	04/02/21 07:56	1
m-Xylene & p-Xylene	0.0438		0.00396		mg/Kg		04/01/21 15:25	04/02/21 07:56	1
o-Xylene	0.00409		0.00198		mg/Kg		04/01/21 15:25	04/02/21 07:56	1
Xylenes, Total	0.0479		0.00396		mg/Kg		04/01/21 15:25	04/02/21 07:56	1
Total BTEX	0.0848		0.00198		mg/Kg		04/01/21 15:25	04/02/21 07:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	148	S1+	70 - 130	04/01/21 15:25	04/02/21 07:56	1
1,4-Difluorobenzene (Surr)	113		70 - 130	04/01/21 15:25	04/02/21 07:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	152	*+	50.0		mg/Kg		04/01/21 15:52	04/02/21 02:54	1
Diesel Range Organics (Over C10-C28)	688		50.0		mg/Kg		04/01/21 15:52	04/02/21 02:54	1
Oil Range Organics (Over C28-C36)	85.5		50.0		mg/Kg		04/01/21 15:52	04/02/21 02:54	1
Total TPH	926		50.0		mg/Kg		04/01/21 15:52	04/02/21 02:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	04/01/21 15:52	04/02/21 02:54	1
o-Terphenyl	102		70 - 130	04/01/21 15:52	04/02/21 02:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.3		4.97		mg/Kg			04/02/21 02:00	1

Client Sample ID: BH-26 (5)

Lab Sample ID: 890-471-26

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00329		0.00199		mg/Kg		04/01/21 15:25	04/02/21 08:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 08:17	1
Ethylbenzene	0.0306		0.00199		mg/Kg		04/01/21 15:25	04/02/21 08:17	1
m-Xylene & p-Xylene	0.0428		0.00398		mg/Kg		04/01/21 15:25	04/02/21 08:17	1
o-Xylene	0.00588		0.00199		mg/Kg		04/01/21 15:25	04/02/21 08:17	1
Xylenes, Total	0.0487		0.00398		mg/Kg		04/01/21 15:25	04/02/21 08:17	1
Total BTEX	0.0826		0.00199		mg/Kg		04/01/21 15:25	04/02/21 08:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	04/01/21 15:25	04/02/21 08:17	1
1,4-Difluorobenzene (Surr)	119		70 - 130	04/01/21 15:25	04/02/21 08:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	168	*+	50.0		mg/Kg		04/01/21 15:52	04/02/21 03:15	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Client Sample ID: BH-26 (5)

Lab Sample ID: 890-471-26

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	724		50.0		mg/Kg		04/01/21 15:52	04/02/21 03:15	1
Oil Range Organics (Over C28-C36)	94.4		50.0		mg/Kg		04/01/21 15:52	04/02/21 03:15	1
Total TPH	986		50.0		mg/Kg		04/01/21 15:52	04/02/21 03:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	04/01/21 15:52	04/02/21 03:15	1
o-Terphenyl	109		70 - 130	04/01/21 15:52	04/02/21 03:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		5.00		mg/Kg			04/02/21 02:06	1

Client Sample ID: BH-27 (5)

Lab Sample ID: 890-471-27

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00347		0.00199		mg/Kg		04/01/21 15:25	04/02/21 08:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 08:38	1
Ethylbenzene	0.0328		0.00199		mg/Kg		04/01/21 15:25	04/02/21 08:38	1
m-Xylene & p-Xylene	0.0497		0.00398		mg/Kg		04/01/21 15:25	04/02/21 08:38	1
o-Xylene	0.00806		0.00199		mg/Kg		04/01/21 15:25	04/02/21 08:38	1
Xylenes, Total	0.0578		0.00398		mg/Kg		04/01/21 15:25	04/02/21 08:38	1
Total BTEX	0.0940		0.00199		mg/Kg		04/01/21 15:25	04/02/21 08:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130	04/01/21 15:25	04/02/21 08:38	1
1,4-Difluorobenzene (Surr)	107		70 - 130	04/01/21 15:25	04/02/21 08:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	143	*+	49.9		mg/Kg		04/01/21 15:52	04/02/21 03:36	1
Diesel Range Organics (Over C10-C28)	663		49.9		mg/Kg		04/01/21 15:52	04/02/21 03:36	1
Oil Range Organics (Over C28-C36)	81.0		49.9		mg/Kg		04/01/21 15:52	04/02/21 03:36	1
Total TPH	887		49.9		mg/Kg		04/01/21 15:52	04/02/21 03:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130	04/01/21 15:52	04/02/21 03:36	1
o-Terphenyl	113		70 - 130	04/01/21 15:52	04/02/21 03:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.0		5.00		mg/Kg			04/02/21 02:22	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: BH-28 (5)

Lab Sample ID: 890-471-28

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 08:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 08:58	1
Ethylbenzene	0.00362		0.00200		mg/Kg		04/01/21 15:25	04/02/21 08:58	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/01/21 15:25	04/02/21 08:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 08:58	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/01/21 15:25	04/02/21 08:58	1
Total BTEX	0.00362		0.00200		mg/Kg		04/01/21 15:25	04/02/21 08:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/01/21 15:25	04/02/21 08:58	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/01/21 15:25	04/02/21 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U **	50.1		mg/Kg		04/01/21 15:52	04/02/21 03:57	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/01/21 15:52	04/02/21 03:57	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/01/21 15:52	04/02/21 03:57	1
Total TPH	<50.1	U	50.1		mg/Kg		04/01/21 15:52	04/02/21 03:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	04/01/21 15:52	04/02/21 03:57	1
o-Terphenyl	99		70 - 130	04/01/21 15:52	04/02/21 03:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	136		4.98		mg/Kg			04/02/21 02:28	1

Client Sample ID: BH-29 (5)

Lab Sample ID: 890-471-29

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 09:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 09:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 09:19	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/01/21 15:25	04/02/21 09:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 09:19	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/01/21 15:25	04/02/21 09:19	1
Total BTEX	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 09:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/01/21 15:25	04/02/21 09:19	1
1,4-Difluorobenzene (Surr)	106		70 - 130	04/01/21 15:25	04/02/21 09:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		04/01/21 15:52	04/02/21 04:18	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Client Sample ID: BH-29 (5)

Lab Sample ID: 890-471-29

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/21 15:52	04/02/21 04:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/21 15:52	04/02/21 04:18	1
Total TPH	<50.0	U	50.0		mg/Kg		04/01/21 15:52	04/02/21 04:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				04/01/21 15:52	04/02/21 04:18	1
o-Terphenyl	106		70 - 130				04/01/21 15:52	04/02/21 04:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	133		4.96		mg/Kg			04/02/21 02:34	1

Client Sample ID: BH-30 (5)

Lab Sample ID: 890-471-30

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 09:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 09:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 09:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/21 15:25	04/02/21 09:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 09:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/21 15:25	04/02/21 09:40	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				04/01/21 15:25	04/02/21 09:40	1
1,4-Difluorobenzene (Surr)	98		70 - 130				04/01/21 15:25	04/02/21 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		04/01/21 15:52	04/02/21 04:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/21 15:52	04/02/21 04:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/21 15:52	04/02/21 04:38	1
Total TPH	<49.9	U	49.9		mg/Kg		04/01/21 15:52	04/02/21 04:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				04/01/21 15:52	04/02/21 04:38	1
o-Terphenyl	122		70 - 130				04/01/21 15:52	04/02/21 04:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	127		4.99		mg/Kg			04/02/21 02:39	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Client Sample ID: BH-31 (5)

Lab Sample ID: 890-471-31

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 11:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 11:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 11:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/01/21 15:25	04/02/21 11:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 11:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/01/21 15:25	04/02/21 11:03	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 11:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	04/01/21 15:25	04/02/21 11:03	1
1,4-Difluorobenzene (Surr)	107		70 - 130	04/01/21 15:25	04/02/21 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		04/01/21 15:52	04/02/21 05:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/01/21 15:52	04/02/21 05:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/21 15:52	04/02/21 05:20	1
Total TPH	<49.9	U	49.9		mg/Kg		04/01/21 15:52	04/02/21 05:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	04/01/21 15:52	04/02/21 05:20	1
o-Terphenyl	104		70 - 130	04/01/21 15:52	04/02/21 05:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	179		5.02		mg/Kg			04/02/21 02:45	1

Client Sample ID: BH-32 (5)

Lab Sample ID: 890-471-32

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 11:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 11:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 11:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/01/21 15:25	04/02/21 11:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 11:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/01/21 15:25	04/02/21 11:24	1
Total BTEX	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 11:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	04/01/21 15:25	04/02/21 11:24	1
1,4-Difluorobenzene (Surr)	106		70 - 130	04/01/21 15:25	04/02/21 11:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		04/01/21 15:52	04/02/21 05:41	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Client Sample ID: BH-32 (5)

Lab Sample ID: 890-471-32

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/01/21 15:52	04/02/21 05:41	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/01/21 15:52	04/02/21 05:41	1
Total TPH	<49.8	U	49.8		mg/Kg		04/01/21 15:52	04/02/21 05:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				04/01/21 15:52	04/02/21 05:41	1
o-Terphenyl	99		70 - 130				04/01/21 15:52	04/02/21 05:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	179		5.04		mg/Kg			04/02/21 02:50	1

Client Sample ID: SW-1 (5)

Lab Sample ID: 890-471-33

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:25	04/02/21 11:45	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:25	04/02/21 11:45	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:25	04/02/21 11:45	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/01/21 15:25	04/02/21 11:45	1
o-Xylene	0.00313		0.00202		mg/Kg		04/01/21 15:25	04/02/21 11:45	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/01/21 15:25	04/02/21 11:45	1
Total BTEX	0.00313		0.00202		mg/Kg		04/01/21 15:25	04/02/21 11:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				04/01/21 15:25	04/02/21 11:45	1
1,4-Difluorobenzene (Surr)	89		70 - 130				04/01/21 15:25	04/02/21 11:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		04/01/21 15:52	04/02/21 06:02	1
Diesel Range Organics (Over C10-C28)	125		49.9		mg/Kg		04/01/21 15:52	04/02/21 06:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/21 15:52	04/02/21 06:02	1
Total TPH	125		49.9		mg/Kg		04/01/21 15:52	04/02/21 06:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				04/01/21 15:52	04/02/21 06:02	1
o-Terphenyl	89		70 - 130				04/01/21 15:52	04/02/21 06:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.10		5.03		mg/Kg			04/02/21 03:07	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: SW-2 (5)

Lab Sample ID: 890-471-34

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:25	04/02/21 12:05	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:25	04/02/21 12:05	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:25	04/02/21 12:05	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/01/21 15:25	04/02/21 12:05	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:25	04/02/21 12:05	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/01/21 15:25	04/02/21 12:05	1
Total BTEX	<0.00202	U	0.00202		mg/Kg		04/01/21 15:25	04/02/21 12:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	04/01/21 15:25	04/02/21 12:05	1
1,4-Difluorobenzene (Surr)	103		70 - 130	04/01/21 15:25	04/02/21 12:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		04/01/21 15:52	04/02/21 06:23	1
Diesel Range Organics (Over C10-C28)	118		49.8		mg/Kg		04/01/21 15:52	04/02/21 06:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/01/21 15:52	04/02/21 06:23	1
Total TPH	118		49.8		mg/Kg		04/01/21 15:52	04/02/21 06:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	04/01/21 15:52	04/02/21 06:23	1
o-Terphenyl	94		70 - 130	04/01/21 15:52	04/02/21 06:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.61		5.05		mg/Kg			04/02/21 03:12	1

Client Sample ID: SW-3 (5)

Lab Sample ID: 890-471-35

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 12:26	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 12:26	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 12:26	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		04/01/21 15:25	04/02/21 12:26	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 12:26	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/01/21 15:25	04/02/21 12:26	1
Total BTEX	<0.00198	U	0.00198		mg/Kg		04/01/21 15:25	04/02/21 12:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	04/01/21 15:25	04/02/21 12:26	1
1,4-Difluorobenzene (Surr)	109		70 - 130	04/01/21 15:25	04/02/21 12:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		04/01/21 15:52	04/02/21 06:44	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Client Sample ID: SW-3 (5)

Lab Sample ID: 890-471-35

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	96.6		50.0		mg/Kg		04/01/21 15:52	04/02/21 06:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/21 15:52	04/02/21 06:44	1
Total TPH	96.6		50.0		mg/Kg		04/01/21 15:52	04/02/21 06:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				04/01/21 15:52	04/02/21 06:44	1
o-Terphenyl	89		70 - 130				04/01/21 15:52	04/02/21 06:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.00		4.98		mg/Kg			04/02/21 03:29	1

Client Sample ID: SW-4 (5)

Lab Sample ID: 890-471-36

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:25	04/02/21 12:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:25	04/02/21 12:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:25	04/02/21 12:47	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/01/21 15:25	04/02/21 12:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:25	04/02/21 12:47	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/01/21 15:25	04/02/21 12:47	1
Total BTEX	<0.00202	U	0.00202		mg/Kg		04/01/21 15:25	04/02/21 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				04/01/21 15:25	04/02/21 12:47	1
1,4-Difluorobenzene (Surr)	108		70 - 130				04/01/21 15:25	04/02/21 12:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		04/01/21 15:52	04/02/21 07:05	1
Diesel Range Organics (Over C10-C28)	108		50.0		mg/Kg		04/01/21 15:52	04/02/21 07:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/21 15:52	04/02/21 07:05	1
Total TPH	108		50.0		mg/Kg		04/01/21 15:52	04/02/21 07:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				04/01/21 15:52	04/02/21 07:05	1
o-Terphenyl	90		70 - 130				04/01/21 15:52	04/02/21 07:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.78		4.99		mg/Kg			04/02/21 03:34	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: SW-5 (3)

Lab Sample ID: 890-471-37

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/01/21 15:25	04/02/21 13:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/01/21 15:25	04/02/21 13:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/01/21 15:25	04/02/21 13:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/01/21 15:25	04/02/21 13:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/01/21 15:25	04/02/21 13:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/01/21 15:25	04/02/21 13:07	1
Total BTEX	<0.00201	U	0.00201		mg/Kg		04/01/21 15:25	04/02/21 13:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	04/01/21 15:25	04/02/21 13:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/01/21 15:25	04/02/21 13:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		04/01/21 15:52	04/02/21 07:26	1
Diesel Range Organics (Over C10-C28)	101		50.0		mg/Kg		04/01/21 15:52	04/02/21 07:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/21 15:52	04/02/21 07:26	1
Total TPH	101		50.0		mg/Kg		04/01/21 15:52	04/02/21 07:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	04/01/21 15:52	04/02/21 07:26	1
o-Terphenyl	98		70 - 130	04/01/21 15:52	04/02/21 07:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.08		5.00		mg/Kg			04/02/21 03:40	1

Client Sample ID: SW-6 (3)

Lab Sample ID: 890-471-38

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 13:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 13:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 13:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/01/21 15:25	04/02/21 13:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 13:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/01/21 15:25	04/02/21 13:28	1
Total BTEX	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 13:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	04/01/21 15:25	04/02/21 13:28	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/01/21 15:25	04/02/21 13:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		04/01/21 15:52	04/02/21 07:50	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Client Sample ID: SW-6 (3)

Lab Sample ID: 890-471-38

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	127		50.0		mg/Kg		04/01/21 15:52	04/02/21 07:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/21 15:52	04/02/21 07:50	1
Total TPH	127		50.0		mg/Kg		04/01/21 15:52	04/02/21 07:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				04/01/21 15:52	04/02/21 07:50	1
o-Terphenyl	97		70 - 130				04/01/21 15:52	04/02/21 07:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.68		5.00		mg/Kg			04/02/21 03:45	1

Client Sample ID: SW-7 (4)

Lab Sample ID: 890-471-39

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 13:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 13:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 13:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/01/21 15:25	04/02/21 13:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 13:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/01/21 15:25	04/02/21 13:49	1
Total BTEX	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 13:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				04/01/21 15:25	04/02/21 13:49	1
1,4-Difluorobenzene (Surr)	107		70 - 130				04/01/21 15:25	04/02/21 13:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U +	50.1		mg/Kg		04/01/21 15:52	04/02/21 08:12	1
Diesel Range Organics (Over C10-C28)	123		50.1		mg/Kg		04/01/21 15:52	04/02/21 08:12	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/01/21 15:52	04/02/21 08:12	1
Total TPH	123		50.1		mg/Kg		04/01/21 15:52	04/02/21 08:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				04/01/21 15:52	04/02/21 08:12	1
o-Terphenyl	88		70 - 130				04/01/21 15:52	04/02/21 08:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.93		4.97		mg/Kg			04/02/21 03:51	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: SW-8 (4)

Lab Sample ID: 890-471-40

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 14:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 14:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 14:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/01/21 15:25	04/02/21 14:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 14:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/01/21 15:25	04/02/21 14:10	1
Total BTEX	<0.00199	U	0.00199		mg/Kg		04/01/21 15:25	04/02/21 14:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	04/01/21 15:25	04/02/21 14:10	1
1,4-Difluorobenzene (Surr)	105		70 - 130	04/01/21 15:25	04/02/21 14:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		04/01/21 15:52	04/02/21 08:33	1
Diesel Range Organics (Over C10-C28)	84.4		49.8		mg/Kg		04/01/21 15:52	04/02/21 08:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/01/21 15:52	04/02/21 08:33	1
Total TPH	84.4		49.8		mg/Kg		04/01/21 15:52	04/02/21 08:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	04/01/21 15:52	04/02/21 08:33	1
o-Terphenyl	68	S1-	70 - 130	04/01/21 15:52	04/02/21 08:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.85		4.96		mg/Kg			04/02/21 03:57	1

Client Sample ID: SW-9 (4)

Lab Sample ID: 890-471-41

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:45	04/02/21 06:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:45	04/02/21 06:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:45	04/02/21 06:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/01/21 15:45	04/02/21 06:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:45	04/02/21 06:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/01/21 15:45	04/02/21 06:31	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		04/01/21 15:45	04/02/21 06:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	04/01/21 15:45	04/02/21 06:31	1
1,4-Difluorobenzene (Surr)	112		70 - 130	04/01/21 15:45	04/02/21 06:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/01/21 16:36	04/02/21 02:33	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Client Sample ID: SW-9 (4)

Lab Sample ID: 890-471-41

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	161		49.9		mg/Kg		04/01/21 16:36	04/02/21 02:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/21 16:36	04/02/21 02:33	1
Total TPH	161	B	49.9		mg/Kg		04/01/21 16:36	04/02/21 02:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				04/01/21 16:36	04/02/21 02:33	1
o-Terphenyl	97		70 - 130				04/01/21 16:36	04/02/21 02:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.43		4.95		mg/Kg			04/02/21 04:02	1

Client Sample ID: SW-10 (8)

Lab Sample ID: 890-471-42

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:45	04/02/21 06:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:45	04/02/21 06:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:45	04/02/21 06:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/21 15:45	04/02/21 06:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:45	04/02/21 06:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/21 15:45	04/02/21 06:51	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		04/01/21 15:45	04/02/21 06:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				04/01/21 15:45	04/02/21 06:51	1
1,4-Difluorobenzene (Surr)	113		70 - 130				04/01/21 15:45	04/02/21 06:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/01/21 16:36	04/02/21 03:36	1
Diesel Range Organics (Over C10-C28)	115		49.9		mg/Kg		04/01/21 16:36	04/02/21 03:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/01/21 16:36	04/02/21 03:36	1
Total TPH	115	B	49.9		mg/Kg		04/01/21 16:36	04/02/21 03:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				04/01/21 16:36	04/02/21 03:36	1
o-Terphenyl	94		70 - 130				04/01/21 16:36	04/02/21 03:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.5		5.04		mg/Kg			04/02/21 18:09	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: SW-11 (8)

Lab Sample ID: 890-471-43

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:45	04/02/21 07:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:45	04/02/21 07:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:45	04/02/21 07:12	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		04/01/21 15:45	04/02/21 07:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/01/21 15:45	04/02/21 07:12	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/01/21 15:45	04/02/21 07:12	1
Total BTEX	<0.00198	U	0.00198		mg/Kg		04/01/21 15:45	04/02/21 07:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	04/01/21 15:45	04/02/21 07:12	1
1,4-Difluorobenzene (Surr)	114		70 - 130	04/01/21 15:45	04/02/21 07:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/21 16:36	04/02/21 03:57	1
Diesel Range Organics (Over C10-C28)	104		50.0		mg/Kg		04/01/21 16:36	04/02/21 03:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/21 16:36	04/02/21 03:57	1
Total TPH	104	B	50.0		mg/Kg		04/01/21 16:36	04/02/21 03:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	04/01/21 16:36	04/02/21 03:57	1
o-Terphenyl	89		70 - 130	04/01/21 16:36	04/02/21 03:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.6		5.05		mg/Kg			04/02/21 18:14	1

Client Sample ID: SW-12 (8)

Lab Sample ID: 890-471-44

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:45	04/02/21 07:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:45	04/02/21 07:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:45	04/02/21 07:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/21 15:45	04/02/21 07:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:45	04/02/21 07:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/21 15:45	04/02/21 07:32	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		04/01/21 15:45	04/02/21 07:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	04/01/21 15:45	04/02/21 07:32	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/01/21 15:45	04/02/21 07:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/21 16:36	04/02/21 04:18	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Client Sample ID: SW-12 (8)

Lab Sample ID: 890-471-44

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	99.5		50.0		mg/Kg		04/01/21 16:36	04/02/21 04:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/21 16:36	04/02/21 04:18	1
Total TPH	99.5	B	50.0		mg/Kg		04/01/21 16:36	04/02/21 04:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				04/01/21 16:36	04/02/21 04:18	1
o-Terphenyl	93		70 - 130				04/01/21 16:36	04/02/21 04:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.5		5.02		mg/Kg			04/02/21 18:19	1

Client Sample ID: SW-13 (8)

Lab Sample ID: 890-471-45

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:45	04/02/21 07:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:45	04/02/21 07:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:45	04/02/21 07:52	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/01/21 15:45	04/02/21 07:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/01/21 15:45	04/02/21 07:52	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/01/21 15:45	04/02/21 07:52	1
Total BTEX	<0.00202	U	0.00202		mg/Kg		04/01/21 15:45	04/02/21 07:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				04/01/21 15:45	04/02/21 07:52	1
1,4-Difluorobenzene (Surr)	111		70 - 130				04/01/21 15:45	04/02/21 07:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/21 16:36	04/02/21 04:38	1
Diesel Range Organics (Over C10-C28)	135		50.0		mg/Kg		04/01/21 16:36	04/02/21 04:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/21 16:36	04/02/21 04:38	1
Total TPH	135	B	50.0		mg/Kg		04/01/21 16:36	04/02/21 04:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				04/01/21 16:36	04/02/21 04:38	1
o-Terphenyl	101		70 - 130				04/01/21 16:36	04/02/21 04:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.5		4.99		mg/Kg			04/02/21 18:24	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Client Sample ID: SW-14 (5)

Lab Sample ID: 890-471-46

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00721		0.00200		mg/Kg		04/01/21 15:45	04/02/21 08:13	1
Toluene	0.00250		0.00200		mg/Kg		04/01/21 15:45	04/02/21 08:13	1
Ethylbenzene	0.0714		0.00200		mg/Kg		04/01/21 15:45	04/02/21 08:13	1
m-Xylene & p-Xylene	0.0757		0.00401		mg/Kg		04/01/21 15:45	04/02/21 08:13	1
o-Xylene	0.0816		0.00200		mg/Kg		04/01/21 15:45	04/02/21 08:13	1
Xylenes, Total	0.157		0.00401		mg/Kg		04/01/21 15:45	04/02/21 08:13	1
Total BTEX	0.238		0.00200		mg/Kg		04/01/21 15:45	04/02/21 08:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	186	S1+	70 - 130	04/01/21 15:45	04/02/21 08:13	1
1,4-Difluorobenzene (Surr)	109		70 - 130	04/01/21 15:45	04/02/21 08:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	136		50.0		mg/Kg		04/01/21 16:36	04/02/21 04:59	1
Diesel Range Organics (Over C10-C28)	719		50.0		mg/Kg		04/01/21 16:36	04/02/21 04:59	1
Oil Range Organics (Over C28-C36)	173	B	50.0		mg/Kg		04/01/21 16:36	04/02/21 04:59	1
Total TPH	1030	B	50.0		mg/Kg		04/01/21 16:36	04/02/21 04:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	04/01/21 16:36	04/02/21 04:59	1
o-Terphenyl	96		70 - 130	04/01/21 16:36	04/02/21 04:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.9		4.97		mg/Kg			04/02/21 18:39	1

Client Sample ID: SW-15 (5)

Lab Sample ID: 890-471-47

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00631		0.00199		mg/Kg		04/01/21 15:45	04/02/21 08:33	1
Toluene	0.00263		0.00199		mg/Kg		04/01/21 15:45	04/02/21 08:33	1
Ethylbenzene	0.0646		0.00199		mg/Kg		04/01/21 15:45	04/02/21 08:33	1
m-Xylene & p-Xylene	0.0710		0.00398		mg/Kg		04/01/21 15:45	04/02/21 08:33	1
o-Xylene	0.0462		0.00199		mg/Kg		04/01/21 15:45	04/02/21 08:33	1
Xylenes, Total	0.117		0.00398		mg/Kg		04/01/21 15:45	04/02/21 08:33	1
Total BTEX	0.191		0.00199		mg/Kg		04/01/21 15:45	04/02/21 08:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	198	S1+	70 - 130	04/01/21 15:45	04/02/21 08:33	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/01/21 15:45	04/02/21 08:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	125		49.9		mg/Kg		04/01/21 16:36	04/02/21 05:20	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Client Sample ID: SW-15 (5)

Lab Sample ID: 890-471-47

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	648		49.9		mg/Kg		04/01/21 16:36	04/02/21 05:20	1
Oil Range Organics (Over C28-C36)	128	B	49.9		mg/Kg		04/01/21 16:36	04/02/21 05:20	1
Total TPH	901	B	49.9		mg/Kg		04/01/21 16:36	04/02/21 05:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	4	S1-	70 - 130	04/01/21 16:36	04/02/21 05:20	1
o-Terphenyl	97		70 - 130	04/01/21 16:36	04/02/21 05:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.9		4.95		mg/Kg			04/02/21 18:44	1

Client Sample ID: SW-16 (4)

Lab Sample ID: 890-471-48

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/02/21 09:30	04/02/21 16:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/02/21 09:30	04/02/21 16:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/02/21 09:30	04/02/21 16:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/02/21 09:30	04/02/21 16:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/02/21 09:30	04/02/21 16:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/02/21 09:30	04/02/21 16:03	1
Total BTEX	<0.00199	U	0.00199		mg/Kg		04/02/21 09:30	04/02/21 16:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/02/21 09:30	04/02/21 16:03	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/02/21 09:30	04/02/21 16:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/01/21 16:36	04/02/21 05:41	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/01/21 16:36	04/02/21 05:41	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/01/21 16:36	04/02/21 05:41	1
Total TPH	<50.1	U	50.1		mg/Kg		04/01/21 16:36	04/02/21 05:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	04/01/21 16:36	04/02/21 05:41	1
o-Terphenyl	91		70 - 130	04/01/21 16:36	04/02/21 05:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.33		4.95		mg/Kg			04/02/21 18:49	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: SW-17 (4)

Lab Sample ID: 890-471-49

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/02/21 09:30	04/02/21 16:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/02/21 09:30	04/02/21 16:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/02/21 09:30	04/02/21 16:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/02/21 09:30	04/02/21 16:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/02/21 09:30	04/02/21 16:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/02/21 09:30	04/02/21 16:23	1
Total BTEX	<0.00199	U	0.00199		mg/Kg		04/02/21 09:30	04/02/21 16:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	04/02/21 09:30	04/02/21 16:23	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/02/21 09:30	04/02/21 16:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/21 16:36	04/02/21 06:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/21 16:36	04/02/21 06:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/21 16:36	04/02/21 06:02	1
Total TPH	<50.0	U	50.0		mg/Kg		04/01/21 16:36	04/02/21 06:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	04/01/21 16:36	04/02/21 06:02	1
o-Terphenyl	98		70 - 130	04/01/21 16:36	04/02/21 06:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.88		5.04		mg/Kg			04/02/21 18:54	1

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-471-1	BH-1 (5)	131 S1+	101
890-471-2	BH-2 (5)	96	102
890-471-3	BH-3 (5)	86	88
890-471-4	BH-4 (5)	104	108
890-471-5	BH-5 (5)	128	70
890-471-6	BH-6 (5)	106	121
890-471-7	BH-7 (5)	102	109
890-471-8	BH-8 (5)	107	115
890-471-9	BH-9 (3)	97	113
890-471-10	BH-10 (3)	101	111
890-471-11	BH-11 (3)	91	105
890-471-12	BH-12 (3)	98	113
890-471-13	BH-13 (3)	103	109
890-471-14	BH-14 (4)	98	104
890-471-15	BH-15 (4)	102	91
890-471-16	BH-16 (4)	106	100
890-471-17	BH-17 (5)	103	102
890-471-18	BH-18 (5)	133 S1+	101
890-471-19	BH-19 (5)	105	102
890-471-20	BH-20 (4)	96	95
890-471-21	BH-21 (8)	97	98
890-471-22	BH-22 (4)	177 S1+	73
890-471-23	BH-23 (4)	130	117
890-471-24	BH-24 (4)	143 S1+	105
890-471-25	BH-25 (5)	148 S1+	113
890-471-26	BH-26 (5)	131 S1+	119
890-471-27	BH-27 (5)	162 S1+	107
890-471-28	BH-28 (5)	98	104
890-471-29	BH-29 (5)	96	106
890-471-30	BH-30 (5)	90	98
890-471-31	BH-31 (5)	92	107
890-471-32	BH-32 (5)	95	106
890-471-33	SW-1 (5)	110	89
890-471-34	SW-2 (5)	91	103
890-471-35	SW-3 (5)	94	109
890-471-36	SW-4 (5)	98	108
890-471-37	SW-5 (3)	127	104
890-471-38	SW-6 (3)	100	104
890-471-39	SW-7 (4)	105	107
890-471-40	SW-8 (4)	94	105
890-471-41	SW-9 (4)	137 S1+	112
890-471-42	SW-10 (8)	128	113
890-471-43	SW-11 (8)	131 S1+	114
890-471-44	SW-12 (8)	134 S1+	97
890-471-45	SW-13 (8)	125	111
890-471-46	SW-14 (5)	186 S1+	109
890-471-47	SW-15 (5)	198 S1+	100
890-471-48	SW-16 (4)	101	95
890-471-49	SW-17 (4)	107	101

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
LCS 880-1147/1-A	Lab Control Sample	103	105
LCS 880-1203/1-A	Lab Control Sample	91	98
LCS 880-1204/1-A	Lab Control Sample	97	106
LCS 880-1227/1-A	Lab Control Sample	98	99
LCSD 880-1147/2-A	Lab Control Sample Dup	101	103
LCSD 880-1203/2-A	Lab Control Sample Dup	94	96
LCSD 880-1204/2-A	Lab Control Sample Dup	97	108
LCSD 880-1227/2-A	Lab Control Sample Dup	104	98
MB 880-1146/5-A	Method Blank	105	101
MB 880-1147/5-A	Method Blank	102	98
MB 880-1203/5-A	Method Blank	106	79
MB 880-1204/5-A	Method Blank	115	88
MB 880-1227/5-A	Method Blank	96	98
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
890-471-48 MS	SW-16 (4)		
890-471-48 MSD	SW-16 (4)		
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-471-1	BH-1 (5)	102	92
890-471-1 MS	BH-1 (5)	111	91
890-471-1 MSD	BH-1 (5)	112	92
890-471-2	BH-2 (5)	112	105
890-471-3	BH-3 (5)	116	108
890-471-4	BH-4 (5)	111	99
890-471-5	BH-5 (5)	114	105
890-471-6	BH-6 (5)	119	111
890-471-7	BH-7 (5)	111	101
890-471-8	BH-8 (5)	107	95
890-471-9	BH-9 (3)	111	100
890-471-10	BH-10 (3)	112	0.09 S1-
890-471-11	BH-11 (3)	110	98
890-471-12	BH-12 (3)	113	103
890-471-13	BH-13 (3)	115	101

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-471-14	BH-14 (4)	107	100
890-471-15	BH-15 (4)	109	102
890-471-16	BH-16 (4)	107	100
890-471-17	BH-17 (5)	114	108
890-471-18	BH-18 (5)	113	103
890-471-19	BH-19 (5)	110	100
890-471-20	BH-20 (4)	110	98
890-471-21	BH-21 (8)	104	97
890-471-21 MS	BH-21 (8)	116	95
890-471-21 MSD	BH-21 (8)	114	96
890-471-22	BH-22 (4)	103	96
890-471-23	BH-23 (4)	124	110
890-471-24	BH-24 (4)	110	102
890-471-25	BH-25 (5)	113	102
890-471-26	BH-26 (5)	125	109
890-471-27	BH-27 (5)	126	113
890-471-28	BH-28 (5)	108	99
890-471-29	BH-29 (5)	114	106
890-471-30	BH-30 (5)	131 S1+	122
890-471-31	BH-31 (5)	111	104
890-471-32	BH-32 (5)	108	99
890-471-33	SW-1 (5)	100	89
890-471-34	SW-2 (5)	105	94
890-471-35	SW-3 (5)	98	89
890-471-36	SW-4 (5)	100	90
890-471-37	SW-5 (3)	109	98
890-471-38	SW-6 (3)	109	97
890-471-39	SW-7 (4)	99	88
890-471-40	SW-8 (4)	77	68 S1-
890-471-41	SW-9 (4)	100	97
890-471-41 MS	SW-9 (4)	110	93
890-471-41 MSD	SW-9 (4)	114	92
890-471-42	SW-10 (8)	98	94
890-471-43	SW-11 (8)	92	89
890-471-44	SW-12 (8)	97	93
890-471-45	SW-13 (8)	102	101
890-471-46	SW-14 (5)	98	96
890-471-47	SW-15 (5)	4 S1-	97
890-471-48	SW-16 (4)	95	91
890-471-49	SW-17 (4)	102	98
LCS 880-1206/2-A	Lab Control Sample	115	98
LCS 880-1209/2-A	Lab Control Sample	114	96
LCS 880-1211/2-A	Lab Control Sample	105	92
LCSD 880-1206/3-A	Lab Control Sample Dup	123	101
LCSD 880-1209/3-A	Lab Control Sample Dup	123	101
LCSD 880-1211/3-A	Lab Control Sample Dup	105	90
MB 880-1206/1-A	Method Blank	110	106
MB 880-1209/1-A	Method Blank	115	107
MB 880-1211/1-A	Method Blank	104	104

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Tetra Tech, Inc.

Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1

SDG: Eddy County NM

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

1

2

3

4

5

6

7

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9

10

11

12

13

14

QC Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-1146/5-A

Matrix: Solid

Analysis Batch: 1148

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1146

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/21 09:34	04/01/21 13:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/21 09:34	04/01/21 13:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/21 09:34	04/01/21 13:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/21 09:34	04/01/21 13:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/21 09:34	04/01/21 13:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/21 09:34	04/01/21 13:09	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		04/01/21 09:34	04/01/21 13:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/01/21 09:34	04/01/21 13:09	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/01/21 09:34	04/01/21 13:09	1

Lab Sample ID: MB 880-1147/5-A

Matrix: Solid

Analysis Batch: 1148

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1147

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/21 09:47	04/02/21 00:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/21 09:47	04/02/21 00:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/21 09:47	04/02/21 00:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/21 09:47	04/02/21 00:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/21 09:47	04/02/21 00:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/21 09:47	04/02/21 00:43	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		04/01/21 09:47	04/02/21 00:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	04/01/21 09:47	04/02/21 00:43	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/01/21 09:47	04/02/21 00:43	1

Lab Sample ID: LCS 880-1147/1-A

Matrix: Solid

Analysis Batch: 1148

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1147

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09813		mg/Kg		98	70 - 130
Toluene	0.100	0.09265		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09857		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.1918		mg/Kg		96	70 - 130
o-Xylene	0.100	0.09549		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

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

Lab Sample ID: LCSD 880-1147/2-A

Matrix: Solid

Analysis Batch: 1148

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1147

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09558		mg/Kg		96	70 - 130	3	35
Toluene	0.100	0.09045		mg/Kg		90	70 - 130	2	35
Ethylbenzene	0.100	0.09608		mg/Kg		96	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1869		mg/Kg		93	70 - 130	3	35
o-Xylene	0.100	0.09295		mg/Kg		93	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-1203/5-A

Matrix: Solid

Analysis Batch: 1207

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1203

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:13	04/01/21 19:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:13	04/01/21 19:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:13	04/01/21 19:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/21 15:13	04/01/21 19:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:13	04/01/21 19:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/21 15:13	04/01/21 19:14	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		04/01/21 15:13	04/01/21 19:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	04/01/21 15:13	04/01/21 19:14	1
1,4-Difluorobenzene (Surr)	79		70 - 130	04/01/21 15:13	04/01/21 19:14	1

Lab Sample ID: LCS 880-1203/1-A

Matrix: Solid

Analysis Batch: 1207

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1203

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1027		mg/Kg		103	70 - 130
Toluene	0.100	0.1042		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.1016		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2077		mg/Kg		104	70 - 130
o-Xylene	0.100	0.09941		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-1203/2-A

Matrix: Solid

Analysis Batch: 1207

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1203

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09578		mg/Kg		96	70 - 130	7	35

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

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

Lab Sample ID: LCSD 880-1203/2-A

Matrix: Solid

Analysis Batch: 1207

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1203

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	0.100	0.1018		mg/Kg		102	70 - 130	2	35
Ethylbenzene	0.100	0.1050		mg/Kg		105	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2076		mg/Kg		104	70 - 130	0	35
o-Xylene	0.100	0.1026		mg/Kg		103	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-1204/5-A

Matrix: Solid

Analysis Batch: 1207

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1204

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 06:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 06:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 06:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/01/21 15:25	04/02/21 06:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 06:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/01/21 15:25	04/02/21 06:12	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		04/01/21 15:25	04/02/21 06:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	04/01/21 15:25	04/02/21 06:12	1
1,4-Difluorobenzene (Surr)	88		70 - 130	04/01/21 15:25	04/02/21 06:12	1

Lab Sample ID: LCS 880-1204/1-A

Matrix: Solid

Analysis Batch: 1207

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1204

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09415		mg/Kg		94	70 - 130
Toluene	0.100	0.09924		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.09659		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.1965		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09655		mg/Kg		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-1204/2-A

Matrix: Solid

Analysis Batch: 1207

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1204

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09938		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.1042		mg/Kg		104	70 - 130	5	35

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

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

Lab Sample ID: LCSD 880-1204/2-A

Matrix: Solid

Analysis Batch: 1207

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1204

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	0.100	0.09767		mg/Kg		98	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1967		mg/Kg		98	70 - 130	0	35
o-Xylene	0.100	0.09723		mg/Kg		97	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: MB 880-1227/5-A

Matrix: Solid

Analysis Batch: 1229

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1227

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/02/21 09:30	04/02/21 15:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/02/21 09:30	04/02/21 15:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/02/21 09:30	04/02/21 15:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/02/21 09:30	04/02/21 15:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/02/21 09:30	04/02/21 15:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/02/21 09:30	04/02/21 15:42	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		04/02/21 09:30	04/02/21 15:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/02/21 09:30	04/02/21 15:42	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/02/21 09:30	04/02/21 15:42	1

Lab Sample ID: LCS 880-1227/1-A

Matrix: Solid

Analysis Batch: 1229

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1227

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08351		mg/Kg		84	70 - 130
Toluene	0.100	0.08116		mg/Kg		81	70 - 130
Ethylbenzene	0.100	0.08479		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	0.200	0.1652		mg/Kg		83	70 - 130
o-Xylene	0.100	0.08474		mg/Kg		85	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-1227/2-A

Matrix: Solid

Analysis Batch: 1229

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1227

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08234		mg/Kg		82	70 - 130	1	35
Toluene	0.100	0.08152		mg/Kg		82	70 - 130	0	35
Ethylbenzene	0.100	0.08672		mg/Kg		87	70 - 130	2	35

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

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

Lab Sample ID: LCSD 880-1227/2-A

Matrix: Solid

Analysis Batch: 1229

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1227

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
m-Xylene & p-Xylene	0.200	0.1721		mg/Kg		86	70 - 130	4	35
o-Xylene	0.100	0.08788		mg/Kg		88	70 - 130	4	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	104		70 - 130						
1,4-Difluorobenzene (Surr)	98		70 - 130						

Lab Sample ID: 890-471-48 MS

Matrix: Solid

Analysis Batch: 1229

Client Sample ID: SW-16 (4)

Prep Type: Total/NA

Prep Batch: 1227

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Benzene	<0.00199	U	0.0998	0.09312		mg/Kg					
Toluene	<0.00199	U	0.0998	0.1037		mg/Kg					
Ethylbenzene	<0.00199	U	0.0998	0.09199		mg/Kg					
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1754		mg/Kg					
o-Xylene	<0.00199	U	0.0998	0.09665		mg/Kg					
					</						

Lab Sample ID: 890-471-48 MSD

Matrix: Solid

Analysis Batch: 1229

Client Sample ID: SW-16 (4)

Prep Type: Total/NA

Prep Batch: 1227

	Sample	Sample	Spike	MSD	MSD	%Rec.					RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00199	U	0.0990	0.06556		mg/Kg					
Toluene	<0.00199	U	0.0990	0.07035		mg/Kg					
Ethylbenzene	<0.00199	U	0.0990	0.07218		mg/Kg					
m-Xylene & p-Xylene	<0.00398	U	0.198	0.1353		mg/Kg					
o-Xylene	<0.00199	U	0.0990	0.07841		mg/Kg					
									</		

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

Lab Sample ID: MB 880-1206/1-A

Matrix: Solid

Analysis Batch: 1138

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1206

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/01/21 23:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/01/21 23:46	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/01/21 23:46	1

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

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

Lab Sample ID: MB 880-1206/1-A

Matrix: Solid

Analysis Batch: 1138

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1206

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg		04/01/21 15:33	04/01/21 23:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	04/01/21 15:33	04/01/21 23:46	1
o-Terphenyl	106		70 - 130	04/01/21 15:33	04/01/21 23:46	1

Lab Sample ID: LCS 880-1206/2-A

Matrix: Solid

Analysis Batch: 1138

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1206

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1161		mg/Kg		116	70 - 130
Diesel Range Organics (Over C10-C28)	1000	972.7		mg/Kg		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	115		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: LCSD 880-1206/3-A

Matrix: Solid

Analysis Batch: 1138

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1206

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1185		mg/Kg		118	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1051		mg/Kg		105	70 - 130	8	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	123		70 - 130
o-Terphenyl	101		70 - 130

Lab Sample ID: 890-471-1 MS

Matrix: Solid

Analysis Batch: 1138

Client Sample ID: BH-1 (5)

Prep Type: Total/NA

Prep Batch: 1206

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1144		mg/Kg		114	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1005		mg/Kg		100	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	91		70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

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

Lab Sample ID: 890-471-1 MSD

Matrix: Solid

Analysis Batch: 1138

Client Sample ID: BH-1 (5)

Prep Type: Total/NA

Prep Batch: 1206

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1182		mg/Kg		118	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1026		mg/Kg		103	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	112		70 - 130								
o-Terphenyl	92		70 - 130								

Lab Sample ID: MB 880-1209/1-A

Matrix: Solid

Analysis Batch: 1140

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1209

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/21 15:52	04/01/21 23:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/21 15:52	04/01/21 23:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/21 15:52	04/01/21 23:46	1
Total TPH	<50.0	U	50.0		mg/Kg		04/01/21 15:52	04/01/21 23:46	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				04/01/21 15:52	04/01/21 23:46	1
o-Terphenyl	107		70 - 130				04/01/21 15:52	04/01/21 23:46	1

Lab Sample ID: LCS 880-1209/2-A

Matrix: Solid

Analysis Batch: 1140

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	1182		mg/Kg		118	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	962.5		mg/Kg		96	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
1-Chlorooctane	114		70 - 130					
o-Terphenyl	96		70 - 130					

Lab Sample ID: LCSD 880-1209/3-A

Matrix: Solid

Analysis Batch: 1140

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1209

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1401	*+	mg/Kg		140	70 - 130	17	20
Diesel Range Organics (Over C10-C28)	1000	1029		mg/Kg		103	70 - 130	7	20

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

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

Lab Sample ID: LCSD 880-1209/3-A

Matrix: Solid

Analysis Batch: 1140

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1209

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	123		70 - 130
o-Terphenyl	101		70 - 130

Lab Sample ID: 890-471-21 MS

Matrix: Solid

Analysis Batch: 1140

Client Sample ID: BH-21 (8)

Prep Type: Total/NA

Prep Batch: 1209

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	1000	1158		mg/Kg		114	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	998.8		mg/Kg		100	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	116		70 - 130							
o-Terphenyl	95		70 - 130							

Lab Sample ID: 890-471-21 MSD

Matrix: Solid

Analysis Batch: 1140

Client Sample ID: BH-21 (8)

Prep Type: Total/NA

Prep Batch: 1209

	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 **	998	1151		mg/Kg		114	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	998	990.9		mg/Kg		99	70 - 130	1	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	114		70 - 130									
o-Terphenyl	96		70 - 130									

Lab Sample ID: MB 880-1211/1-A

Matrix: Solid

Analysis Batch: 1157

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1211

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/01/21 16:36	04/02/21 01:30	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/21 16:36	04/02/21 01:30	1		
Oil Range Organics (Over C28-C36)	78.53		50.0		mg/Kg		04/01/21 16:36	04/02/21 01:30	1		
Total TPH	78.53		50.0		mg/Kg		04/01/21 16:36	04/02/21 01:30	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane	104		70 - 130				04/01/21 16:36	04/02/21 01:30	1		
o-Terphenyl	104		70 - 130				04/01/21 16:36	04/02/21 01:30	1		

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

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

Lab Sample ID: LCS 880-1211/2-A

Matrix: Solid

Analysis Batch: 1157

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1211

Analyte			Spike	LCS	LCS	Unit	D	%Rec.		
			Added	Result	Qualifier			%Rec		
Gasoline Range Organics (GRO)-C6-C10			1000	953.8		mg/Kg		95	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	853.6		mg/Kg		85	70 - 130	

Lab Sample ID: LCSD 880-1211/3-A

Matrix: Solid

Analysis Batch: 1157

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1211

Top Data: 12/1											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	966.7		mg/Kg		97	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	834.1		mg/Kg		83	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane	105		70 - 130								
o-Terphenyl	90		70 - 130								

Lab Sample ID: 890-471-41 MS

Matrix: Solid

Analysis Batch: 1157

Client Sample ID: SW-9 (4)

Prep Type: Total/NA

Prep Batch: 1211

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1047		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)	161		1000	1053		mg/Kg		89	70 - 130		

Lab Sample ID: 890-471-41 MSD

Matrix: Solid

Analysis Batch: 1157

Client Sample ID: SW-9 (4)

Prep Type: Total/NA

Prep Batch: 1211

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1099		mg/Kg		110	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	161		998	1054		mg/Kg		89	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	114		70 - 130								

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

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

Lab Sample ID: 890-471-41 MSD

Matrix: Solid

Analysis Batch: 1157

Client Sample ID: SW-9 (4)

Prep Type: Total/NA

Prep Batch: 1211

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	92		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-1216/1-A

Matrix: Solid

Analysis Batch: 1220

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<5.00	U	5.00		mg/Kg			04/02/21 14:54	1	

Lab Sample ID: LCS 880-1216/2-A

Matrix: Solid

Analysis Batch: 1220

Client Sample ID: Lab Control Sample

Prep Type: Soluble

			Spike	LCS	LCS				%Rec.	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride			250	271.7		mg/Kg		109	90 - 110	

Lab Sample ID: LCSD 880-1216/3-A

Matrix: Solid

Analysis Batch: 1220

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

			Spike	LCSD	LCSD				%Rec.		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride			250	270.1		mg/Kg		108	90 - 110	1	20

Lab Sample ID: 890-471-2 MS

Matrix: Solid

Analysis Batch: 1220

Client Sample ID: BH-2 (5)

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	412		250	666.7		mg/Kg		102	90 - 110		

Lab Sample ID: 890-471-2 MSD

Matrix: Solid

Analysis Batch: 1220

Client Sample ID: BH-2 (5)

Prep Type: Soluble

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	412		250	667.9		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 890-471-12 MS

Matrix: Solid

Analysis Batch: 1220

Client Sample ID: BH-12 (3)

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	59.4	F1 F2	249	1450	F1	mg/Kg		559	90 - 110		

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-471-12 MSD

Matrix: Solid

Analysis Batch: 1220

Client Sample ID: BH-12 (3)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	59.4	F1 F2	249	290.4	F2	mg/Kg		93	90 - 110	133	20

Lab Sample ID: MB 880-1217/1-A

Matrix: Solid

Analysis Batch: 1221

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/02/21 01:16	1

Lab Sample ID: LCS 880-1217/2-A

Matrix: Solid

Analysis Batch: 1221

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	272.5		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-1217/3-A

Matrix: Solid

Analysis Batch: 1221

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	272.1		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 890-471-22 MS

Matrix: Solid

Analysis Batch: 1221

Client Sample ID: BH-22 (4)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	165		251	427.6		mg/Kg		105	90 - 110

Lab Sample ID: 890-471-22 MSD

Matrix: Solid

Analysis Batch: 1221

Client Sample ID: BH-22 (4)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	165		251	430.9		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 890-471-32 MS

Matrix: Solid

Analysis Batch: 1221

Client Sample ID: BH-32 (5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	179		252	435.1		mg/Kg		101	90 - 110

Lab Sample ID: 890-471-32 MSD

Matrix: Solid

Analysis Batch: 1221

Client Sample ID: BH-32 (5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	179		252	434.3		mg/Kg		101	90 - 110	0	20

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-1222/1-A

Matrix: Solid

Analysis Batch: 1260

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/02/21 17:39	1

Lab Sample ID: LCS 880-1222/2-A

Matrix: Solid

Analysis Batch: 1260

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	234.1		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-1222/3-A

Matrix: Solid

Analysis Batch: 1260

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	234.6		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 890-471-1 MS

Matrix: Solid

Analysis Batch: 1260

Client Sample ID: BH-1 (5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	49.0	F1	250	1303	F1	mg/Kg		501	90 - 110

Lab Sample ID: 890-471-1 MSD

Matrix: Solid

Analysis Batch: 1260

Client Sample ID: BH-1 (5)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	49.0	F1	250	1300	F1	mg/Kg		500	90 - 110	0	20

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

GC VOA

Prep Batch: 1146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-1146/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 1147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-41	SW-9 (4)	Total/NA	Solid	5035	
890-471-42	SW-10 (8)	Total/NA	Solid	5035	
890-471-43	SW-11 (8)	Total/NA	Solid	5035	
890-471-44	SW-12 (8)	Total/NA	Solid	5035	
890-471-45	SW-13 (8)	Total/NA	Solid	5035	
890-471-46	SW-14 (5)	Total/NA	Solid	5035	
890-471-47	SW-15 (5)	Total/NA	Solid	5035	
MB 880-1147/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-1147/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-1147/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 1148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-41	SW-9 (4)	Total/NA	Solid	8021B	1147
890-471-42	SW-10 (8)	Total/NA	Solid	8021B	1147
890-471-43	SW-11 (8)	Total/NA	Solid	8021B	1147
890-471-44	SW-12 (8)	Total/NA	Solid	8021B	1147
890-471-45	SW-13 (8)	Total/NA	Solid	8021B	1147
890-471-46	SW-14 (5)	Total/NA	Solid	8021B	1147
890-471-47	SW-15 (5)	Total/NA	Solid	8021B	1147
MB 880-1146/5-A	Method Blank	Total/NA	Solid	8021B	1146
MB 880-1147/5-A	Method Blank	Total/NA	Solid	8021B	1147
LCS 880-1147/1-A	Lab Control Sample	Total/NA	Solid	8021B	1147
LCSD 880-1147/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	1147

Prep Batch: 1203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-1	BH-1 (5)	Total/NA	Solid	5035	
890-471-2	BH-2 (5)	Total/NA	Solid	5035	
890-471-3	BH-3 (5)	Total/NA	Solid	5035	
890-471-4	BH-4 (5)	Total/NA	Solid	5035	
890-471-5	BH-5 (5)	Total/NA	Solid	5035	
890-471-6	BH-6 (5)	Total/NA	Solid	5035	
890-471-7	BH-7 (5)	Total/NA	Solid	5035	
890-471-8	BH-8 (5)	Total/NA	Solid	5035	
890-471-9	BH-9 (3)	Total/NA	Solid	5035	
890-471-10	BH-10 (3)	Total/NA	Solid	5035	
890-471-11	BH-11 (3)	Total/NA	Solid	5035	
890-471-12	BH-12 (3)	Total/NA	Solid	5035	
890-471-13	BH-13 (3)	Total/NA	Solid	5035	
890-471-14	BH-14 (4)	Total/NA	Solid	5035	
890-471-15	BH-15 (4)	Total/NA	Solid	5035	
890-471-16	BH-16 (4)	Total/NA	Solid	5035	
890-471-17	BH-17 (5)	Total/NA	Solid	5035	
890-471-18	BH-18 (5)	Total/NA	Solid	5035	
890-471-19	BH-19 (5)	Total/NA	Solid	5035	
890-471-20	BH-20 (4)	Total/NA	Solid	5035	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

GC VOA (Continued)

Prep Batch: 1203 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-1203/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-1203/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-1203/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 1204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-21	BH-21 (8)	Total/NA	Solid	5035	
890-471-22	BH-22 (4)	Total/NA	Solid	5035	
890-471-23	BH-23 (4)	Total/NA	Solid	5035	
890-471-24	BH-24 (4)	Total/NA	Solid	5035	
890-471-25	BH-25 (5)	Total/NA	Solid	5035	
890-471-26	BH-26 (5)	Total/NA	Solid	5035	
890-471-27	BH-27 (5)	Total/NA	Solid	5035	
890-471-28	BH-28 (5)	Total/NA	Solid	5035	
890-471-29	BH-29 (5)	Total/NA	Solid	5035	
890-471-30	BH-30 (5)	Total/NA	Solid	5035	
890-471-31	BH-31 (5)	Total/NA	Solid	5035	
890-471-32	BH-32 (5)	Total/NA	Solid	5035	
890-471-33	SW-1 (5)	Total/NA	Solid	5035	
890-471-34	SW-2 (5)	Total/NA	Solid	5035	
890-471-35	SW-3 (5)	Total/NA	Solid	5035	
890-471-36	SW-4 (5)	Total/NA	Solid	5035	
890-471-37	SW-5 (3)	Total/NA	Solid	5035	
890-471-38	SW-6 (3)	Total/NA	Solid	5035	
890-471-39	SW-7 (4)	Total/NA	Solid	5035	
890-471-40	SW-8 (4)	Total/NA	Solid	5035	
MB 880-1204/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-1204/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-1204/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 1207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-1	BH-1 (5)	Total/NA	Solid	8021B	1203
890-471-2	BH-2 (5)	Total/NA	Solid	8021B	1203
890-471-3	BH-3 (5)	Total/NA	Solid	8021B	1203
890-471-4	BH-4 (5)	Total/NA	Solid	8021B	1203
890-471-5	BH-5 (5)	Total/NA	Solid	8021B	1203
890-471-6	BH-6 (5)	Total/NA	Solid	8021B	1203
890-471-7	BH-7 (5)	Total/NA	Solid	8021B	1203
890-471-8	BH-8 (5)	Total/NA	Solid	8021B	1203
890-471-9	BH-9 (3)	Total/NA	Solid	8021B	1203
890-471-10	BH-10 (3)	Total/NA	Solid	8021B	1203
890-471-11	BH-11 (3)	Total/NA	Solid	8021B	1203
890-471-12	BH-12 (3)	Total/NA	Solid	8021B	1203
890-471-13	BH-13 (3)	Total/NA	Solid	8021B	1203
890-471-14	BH-14 (4)	Total/NA	Solid	8021B	1203
890-471-15	BH-15 (4)	Total/NA	Solid	8021B	1203
890-471-16	BH-16 (4)	Total/NA	Solid	8021B	1203
890-471-17	BH-17 (5)	Total/NA	Solid	8021B	1203
890-471-18	BH-18 (5)	Total/NA	Solid	8021B	1203
890-471-19	BH-19 (5)	Total/NA	Solid	8021B	1203

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

GC VOA (Continued)

Analysis Batch: 1207 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-20	BH-20 (4)	Total/NA	Solid	8021B	1203
890-471-21	BH-21 (8)	Total/NA	Solid	8021B	1204
890-471-22	BH-22 (4)	Total/NA	Solid	8021B	1204
890-471-23	BH-23 (4)	Total/NA	Solid	8021B	1204
890-471-24	BH-24 (4)	Total/NA	Solid	8021B	1204
890-471-25	BH-25 (5)	Total/NA	Solid	8021B	1204
890-471-26	BH-26 (5)	Total/NA	Solid	8021B	1204
890-471-27	BH-27 (5)	Total/NA	Solid	8021B	1204
890-471-28	BH-28 (5)	Total/NA	Solid	8021B	1204
890-471-29	BH-29 (5)	Total/NA	Solid	8021B	1204
890-471-30	BH-30 (5)	Total/NA	Solid	8021B	1204
890-471-31	BH-31 (5)	Total/NA	Solid	8021B	1204
890-471-32	BH-32 (5)	Total/NA	Solid	8021B	1204
890-471-33	SW-1 (5)	Total/NA	Solid	8021B	1204
890-471-34	SW-2 (5)	Total/NA	Solid	8021B	1204
890-471-35	SW-3 (5)	Total/NA	Solid	8021B	1204
890-471-36	SW-4 (5)	Total/NA	Solid	8021B	1204
890-471-37	SW-5 (3)	Total/NA	Solid	8021B	1204
890-471-38	SW-6 (3)	Total/NA	Solid	8021B	1204
890-471-39	SW-7 (4)	Total/NA	Solid	8021B	1204
890-471-40	SW-8 (4)	Total/NA	Solid	8021B	1204
MB 880-1203/5-A	Method Blank	Total/NA	Solid	8021B	1203
MB 880-1204/5-A	Method Blank	Total/NA	Solid	8021B	1204
LCS 880-1203/1-A	Lab Control Sample	Total/NA	Solid	8021B	1203
LCS 880-1204/1-A	Lab Control Sample	Total/NA	Solid	8021B	1204
LCSD 880-1203/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	1203
LCSD 880-1204/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	1204

Prep Batch: 1227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-48	SW-16 (4)	Total/NA	Solid	5035	
890-471-49	SW-17 (4)	Total/NA	Solid	5035	
MB 880-1227/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-1227/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-1227/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-471-48 MS	SW-16 (4)	Total/NA	Solid	5035	
890-471-48 MSD	SW-16 (4)	Total/NA	Solid	5035	

Analysis Batch: 1229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-48	SW-16 (4)	Total/NA	Solid	8021B	1227
890-471-49	SW-17 (4)	Total/NA	Solid	8021B	1227
MB 880-1227/5-A	Method Blank	Total/NA	Solid	8021B	1227
LCS 880-1227/1-A	Lab Control Sample	Total/NA	Solid	8021B	1227
LCSD 880-1227/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	1227
890-471-48 MS	SW-16 (4)	Total/NA	Solid	8021B	1227
890-471-48 MSD	SW-16 (4)	Total/NA	Solid	8021B	1227

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

GC Semi VOA

Analysis Batch: 1138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-1	BH-1 (5)	Total/NA	Solid	8015B NM	1206
890-471-2	BH-2 (5)	Total/NA	Solid	8015B NM	1206
890-471-3	BH-3 (5)	Total/NA	Solid	8015B NM	1206
890-471-4	BH-4 (5)	Total/NA	Solid	8015B NM	1206
890-471-5	BH-5 (5)	Total/NA	Solid	8015B NM	1206
890-471-6	BH-6 (5)	Total/NA	Solid	8015B NM	1206
890-471-7	BH-7 (5)	Total/NA	Solid	8015B NM	1206
890-471-8	BH-8 (5)	Total/NA	Solid	8015B NM	1206
890-471-9	BH-9 (3)	Total/NA	Solid	8015B NM	1206
890-471-10	BH-10 (3)	Total/NA	Solid	8015B NM	1206
890-471-11	BH-11 (3)	Total/NA	Solid	8015B NM	1206
890-471-12	BH-12 (3)	Total/NA	Solid	8015B NM	1206
890-471-13	BH-13 (3)	Total/NA	Solid	8015B NM	1206
890-471-14	BH-14 (4)	Total/NA	Solid	8015B NM	1206
890-471-15	BH-15 (4)	Total/NA	Solid	8015B NM	1206
890-471-16	BH-16 (4)	Total/NA	Solid	8015B NM	1206
890-471-17	BH-17 (5)	Total/NA	Solid	8015B NM	1206
890-471-18	BH-18 (5)	Total/NA	Solid	8015B NM	1206
890-471-19	BH-19 (5)	Total/NA	Solid	8015B NM	1206
890-471-20	BH-20 (4)	Total/NA	Solid	8015B NM	1206
MB 880-1206/1-A	Method Blank	Total/NA	Solid	8015B NM	1206
LCS 880-1206/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	1206
LCSD 880-1206/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	1206
890-471-1 MS	BH-1 (5)	Total/NA	Solid	8015B NM	1206
890-471-1 MSD	BH-1 (5)	Total/NA	Solid	8015B NM	1206

Analysis Batch: 1140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-21	BH-21 (8)	Total/NA	Solid	8015B NM	1209
890-471-22	BH-22 (4)	Total/NA	Solid	8015B NM	1209
890-471-23	BH-23 (4)	Total/NA	Solid	8015B NM	1209
890-471-24	BH-24 (4)	Total/NA	Solid	8015B NM	1209
890-471-25	BH-25 (5)	Total/NA	Solid	8015B NM	1209
890-471-26	BH-26 (5)	Total/NA	Solid	8015B NM	1209
890-471-27	BH-27 (5)	Total/NA	Solid	8015B NM	1209
890-471-28	BH-28 (5)	Total/NA	Solid	8015B NM	1209
890-471-29	BH-29 (5)	Total/NA	Solid	8015B NM	1209
890-471-30	BH-30 (5)	Total/NA	Solid	8015B NM	1209
890-471-31	BH-31 (5)	Total/NA	Solid	8015B NM	1209
890-471-32	BH-32 (5)	Total/NA	Solid	8015B NM	1209
890-471-33	SW-1 (5)	Total/NA	Solid	8015B NM	1209
890-471-34	SW-2 (5)	Total/NA	Solid	8015B NM	1209
890-471-35	SW-3 (5)	Total/NA	Solid	8015B NM	1209
890-471-36	SW-4 (5)	Total/NA	Solid	8015B NM	1209
890-471-37	SW-5 (3)	Total/NA	Solid	8015B NM	1209
890-471-38	SW-6 (3)	Total/NA	Solid	8015B NM	1209
890-471-39	SW-7 (4)	Total/NA	Solid	8015B NM	1209
890-471-40	SW-8 (4)	Total/NA	Solid	8015B NM	1209
MB 880-1209/1-A	Method Blank	Total/NA	Solid	8015B NM	1209
LCS 880-1209/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	1209
LCSD 880-1209/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	1209

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

GC Semi VOA (Continued)

Analysis Batch: 1140 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-21 MS	BH-21 (8)	Total/NA	Solid	8015B NM	1209
890-471-21 MSD	BH-21 (8)	Total/NA	Solid	8015B NM	1209

Analysis Batch: 1157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-41	SW-9 (4)	Total/NA	Solid	8015B NM	1211
890-471-42	SW-10 (8)	Total/NA	Solid	8015B NM	1211
890-471-43	SW-11 (8)	Total/NA	Solid	8015B NM	1211
890-471-44	SW-12 (8)	Total/NA	Solid	8015B NM	1211
890-471-45	SW-13 (8)	Total/NA	Solid	8015B NM	1211
890-471-46	SW-14 (5)	Total/NA	Solid	8015B NM	1211
890-471-47	SW-15 (5)	Total/NA	Solid	8015B NM	1211
890-471-48	SW-16 (4)	Total/NA	Solid	8015B NM	1211
890-471-49	SW-17 (4)	Total/NA	Solid	8015B NM	1211
MB 880-1211/1-A	Method Blank	Total/NA	Solid	8015B NM	1211
LCS 880-1211/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	1211
LCSD 880-1211/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	1211
890-471-41 MS	SW-9 (4)	Total/NA	Solid	8015B NM	1211
890-471-41 MSD	SW-9 (4)	Total/NA	Solid	8015B NM	1211

Prep Batch: 1206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-1	BH-1 (5)	Total/NA	Solid	8015NM Prep	
890-471-2	BH-2 (5)	Total/NA	Solid	8015NM Prep	
890-471-3	BH-3 (5)	Total/NA	Solid	8015NM Prep	
890-471-4	BH-4 (5)	Total/NA	Solid	8015NM Prep	
890-471-5	BH-5 (5)	Total/NA	Solid	8015NM Prep	
890-471-6	BH-6 (5)	Total/NA	Solid	8015NM Prep	
890-471-7	BH-7 (5)	Total/NA	Solid	8015NM Prep	
890-471-8	BH-8 (5)	Total/NA	Solid	8015NM Prep	
890-471-9	BH-9 (3)	Total/NA	Solid	8015NM Prep	
890-471-10	BH-10 (3)	Total/NA	Solid	8015NM Prep	
890-471-11	BH-11 (3)	Total/NA	Solid	8015NM Prep	
890-471-12	BH-12 (3)	Total/NA	Solid	8015NM Prep	
890-471-13	BH-13 (3)	Total/NA	Solid	8015NM Prep	
890-471-14	BH-14 (4)	Total/NA	Solid	8015NM Prep	
890-471-15	BH-15 (4)	Total/NA	Solid	8015NM Prep	
890-471-16	BH-16 (4)	Total/NA	Solid	8015NM Prep	
890-471-17	BH-17 (5)	Total/NA	Solid	8015NM Prep	
890-471-18	BH-18 (5)	Total/NA	Solid	8015NM Prep	
890-471-19	BH-19 (5)	Total/NA	Solid	8015NM Prep	
890-471-20	BH-20 (4)	Total/NA	Solid	8015NM Prep	
MB 880-1206/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-1206/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-1206/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-471-1 MS	BH-1 (5)	Total/NA	Solid	8015NM Prep	
890-471-1 MSD	BH-1 (5)	Total/NA	Solid	8015NM Prep	

Prep Batch: 1209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-21	BH-21 (8)	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

GC Semi VOA (Continued)

Prep Batch: 1209 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-22	BH-22 (4)	Total/NA	Solid	8015NM Prep	
890-471-23	BH-23 (4)	Total/NA	Solid	8015NM Prep	
890-471-24	BH-24 (4)	Total/NA	Solid	8015NM Prep	
890-471-25	BH-25 (5)	Total/NA	Solid	8015NM Prep	
890-471-26	BH-26 (5)	Total/NA	Solid	8015NM Prep	
890-471-27	BH-27 (5)	Total/NA	Solid	8015NM Prep	
890-471-28	BH-28 (5)	Total/NA	Solid	8015NM Prep	
890-471-29	BH-29 (5)	Total/NA	Solid	8015NM Prep	
890-471-30	BH-30 (5)	Total/NA	Solid	8015NM Prep	
890-471-31	BH-31 (5)	Total/NA	Solid	8015NM Prep	
890-471-32	BH-32 (5)	Total/NA	Solid	8015NM Prep	
890-471-33	SW-1 (5)	Total/NA	Solid	8015NM Prep	
890-471-34	SW-2 (5)	Total/NA	Solid	8015NM Prep	
890-471-35	SW-3 (5)	Total/NA	Solid	8015NM Prep	
890-471-36	SW-4 (5)	Total/NA	Solid	8015NM Prep	
890-471-37	SW-5 (3)	Total/NA	Solid	8015NM Prep	
890-471-38	SW-6 (3)	Total/NA	Solid	8015NM Prep	
890-471-39	SW-7 (4)	Total/NA	Solid	8015NM Prep	
890-471-40	SW-8 (4)	Total/NA	Solid	8015NM Prep	
MB 880-1209/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-1209/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-1209/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-471-21 MS	BH-21 (8)	Total/NA	Solid	8015NM Prep	
890-471-21 MSD	BH-21 (8)	Total/NA	Solid	8015NM Prep	

Prep Batch: 1211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-41	SW-9 (4)	Total/NA	Solid	8015NM Prep	
890-471-42	SW-10 (8)	Total/NA	Solid	8015NM Prep	
890-471-43	SW-11 (8)	Total/NA	Solid	8015NM Prep	
890-471-44	SW-12 (8)	Total/NA	Solid	8015NM Prep	
890-471-45	SW-13 (8)	Total/NA	Solid	8015NM Prep	
890-471-46	SW-14 (5)	Total/NA	Solid	8015NM Prep	
890-471-47	SW-15 (5)	Total/NA	Solid	8015NM Prep	
890-471-48	SW-16 (4)	Total/NA	Solid	8015NM Prep	
890-471-49	SW-17 (4)	Total/NA	Solid	8015NM Prep	
MB 880-1211/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-1211/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-1211/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-471-41 MS	SW-9 (4)	Total/NA	Solid	8015NM Prep	
890-471-41 MSD	SW-9 (4)	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 1216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-2	BH-2 (5)	Soluble	Solid	DI Leach	
890-471-3	BH-3 (5)	Soluble	Solid	DI Leach	
890-471-4	BH-4 (5)	Soluble	Solid	DI Leach	
890-471-5	BH-5 (5)	Soluble	Solid	DI Leach	
890-471-6	BH-6 (5)	Soluble	Solid	DI Leach	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

HPLC/IC (Continued)

Leach Batch: 1216 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-7	BH-7 (5)	Soluble	Solid	DI Leach	
890-471-8	BH-8 (5)	Soluble	Solid	DI Leach	
890-471-9	BH-9 (3)	Soluble	Solid	DI Leach	
890-471-10	BH-10 (3)	Soluble	Solid	DI Leach	
890-471-11	BH-11 (3)	Soluble	Solid	DI Leach	
890-471-12	BH-12 (3)	Soluble	Solid	DI Leach	
890-471-13	BH-13 (3)	Soluble	Solid	DI Leach	
890-471-14	BH-14 (4)	Soluble	Solid	DI Leach	
890-471-15	BH-15 (4)	Soluble	Solid	DI Leach	
890-471-16	BH-16 (4)	Soluble	Solid	DI Leach	
890-471-17	BH-17 (5)	Soluble	Solid	DI Leach	
890-471-18	BH-18 (5)	Soluble	Solid	DI Leach	
890-471-19	BH-19 (5)	Soluble	Solid	DI Leach	
890-471-20	BH-20 (4)	Soluble	Solid	DI Leach	
890-471-21	BH-21 (8)	Soluble	Solid	DI Leach	
MB 880-1216/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-1216/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-1216/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-471-2 MS	BH-2 (5)	Soluble	Solid	DI Leach	
890-471-2 MSD	BH-2 (5)	Soluble	Solid	DI Leach	
890-471-12 MS	BH-12 (3)	Soluble	Solid	DI Leach	
890-471-12 MSD	BH-12 (3)	Soluble	Solid	DI Leach	

Leach Batch: 1217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-22	BH-22 (4)	Soluble	Solid	DI Leach	
890-471-23	BH-23 (4)	Soluble	Solid	DI Leach	
890-471-24	BH-24 (4)	Soluble	Solid	DI Leach	
890-471-25	BH-25 (5)	Soluble	Solid	DI Leach	
890-471-26	BH-26 (5)	Soluble	Solid	DI Leach	
890-471-27	BH-27 (5)	Soluble	Solid	DI Leach	
890-471-28	BH-28 (5)	Soluble	Solid	DI Leach	
890-471-29	BH-29 (5)	Soluble	Solid	DI Leach	
890-471-30	BH-30 (5)	Soluble	Solid	DI Leach	
890-471-31	BH-31 (5)	Soluble	Solid	DI Leach	
890-471-32	BH-32 (5)	Soluble	Solid	DI Leach	
890-471-33	SW-1 (5)	Soluble	Solid	DI Leach	
890-471-34	SW-2 (5)	Soluble	Solid	DI Leach	
890-471-35	SW-3 (5)	Soluble	Solid	DI Leach	
890-471-36	SW-4 (5)	Soluble	Solid	DI Leach	
890-471-37	SW-5 (3)	Soluble	Solid	DI Leach	
890-471-38	SW-6 (3)	Soluble	Solid	DI Leach	
890-471-39	SW-7 (4)	Soluble	Solid	DI Leach	
890-471-40	SW-8 (4)	Soluble	Solid	DI Leach	
890-471-41	SW-9 (4)	Soluble	Solid	DI Leach	
MB 880-1217/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-1217/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-1217/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-471-22 MS	BH-22 (4)	Soluble	Solid	DI Leach	
890-471-22 MSD	BH-22 (4)	Soluble	Solid	DI Leach	
890-471-32 MS	BH-32 (5)	Soluble	Solid	DI Leach	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

HPLC/IC (Continued)

Leach Batch: 1217 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-32 MSD	BH-32 (5)	Soluble	Solid	DI Leach	

Analysis Batch: 1220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-2	BH-2 (5)	Soluble	Solid	300.0	1216
890-471-3	BH-3 (5)	Soluble	Solid	300.0	1216
890-471-4	BH-4 (5)	Soluble	Solid	300.0	1216
890-471-5	BH-5 (5)	Soluble	Solid	300.0	1216
890-471-6	BH-6 (5)	Soluble	Solid	300.0	1216
890-471-7	BH-7 (5)	Soluble	Solid	300.0	1216
890-471-8	BH-8 (5)	Soluble	Solid	300.0	1216
890-471-9	BH-9 (3)	Soluble	Solid	300.0	1216
890-471-10	BH-10 (3)	Soluble	Solid	300.0	1216
890-471-11	BH-11 (3)	Soluble	Solid	300.0	1216
890-471-12	BH-12 (3)	Soluble	Solid	300.0	1216
890-471-13	BH-13 (3)	Soluble	Solid	300.0	1216
890-471-14	BH-14 (4)	Soluble	Solid	300.0	1216
890-471-15	BH-15 (4)	Soluble	Solid	300.0	1216
890-471-16	BH-16 (4)	Soluble	Solid	300.0	1216
890-471-17	BH-17 (5)	Soluble	Solid	300.0	1216
890-471-18	BH-18 (5)	Soluble	Solid	300.0	1216
890-471-19	BH-19 (5)	Soluble	Solid	300.0	1216
890-471-20	BH-20 (4)	Soluble	Solid	300.0	1216
890-471-21	BH-21 (8)	Soluble	Solid	300.0	1216
MB 880-1216/1-A	Method Blank	Soluble	Solid	300.0	1216
LCS 880-1216/2-A	Lab Control Sample	Soluble	Solid	300.0	1216
LCSD 880-1216/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	1216
890-471-2 MS	BH-2 (5)	Soluble	Solid	300.0	1216
890-471-2 MSD	BH-2 (5)	Soluble	Solid	300.0	1216
890-471-12 MS	BH-12 (3)	Soluble	Solid	300.0	1216
890-471-12 MSD	BH-12 (3)	Soluble	Solid	300.0	1216

Analysis Batch: 1221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-22	BH-22 (4)	Soluble	Solid	300.0	1217
890-471-23	BH-23 (4)	Soluble	Solid	300.0	1217
890-471-24	BH-24 (4)	Soluble	Solid	300.0	1217
890-471-25	BH-25 (5)	Soluble	Solid	300.0	1217
890-471-26	BH-26 (5)	Soluble	Solid	300.0	1217
890-471-27	BH-27 (5)	Soluble	Solid	300.0	1217
890-471-28	BH-28 (5)	Soluble	Solid	300.0	1217
890-471-29	BH-29 (5)	Soluble	Solid	300.0	1217
890-471-30	BH-30 (5)	Soluble	Solid	300.0	1217
890-471-31	BH-31 (5)	Soluble	Solid	300.0	1217
890-471-32	BH-32 (5)	Soluble	Solid	300.0	1217
890-471-33	SW-1 (5)	Soluble	Solid	300.0	1217
890-471-34	SW-2 (5)	Soluble	Solid	300.0	1217
890-471-35	SW-3 (5)	Soluble	Solid	300.0	1217
890-471-36	SW-4 (5)	Soluble	Solid	300.0	1217
890-471-37	SW-5 (3)	Soluble	Solid	300.0	1217
890-471-38	SW-6 (3)	Soluble	Solid	300.0	1217

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Tetra Tech, Inc.

Job ID: 890-471-1

Project/Site: Doc BHU State # 1 - 212C-MD-02437

SDG: Eddy County NM

HPLC/IC (Continued)

Analysis Batch: 1221 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-39	SW-7 (4)	Soluble	Solid	300.0	1217
890-471-40	SW-8 (4)	Soluble	Solid	300.0	1217
890-471-41	SW-9 (4)	Soluble	Solid	300.0	1217
MB 880-1217/1-A	Method Blank	Soluble	Solid	300.0	1217
LCS 880-1217/2-A	Lab Control Sample	Soluble	Solid	300.0	1217
LCSD 880-1217/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	1217
890-471-22 MS	BH-22 (4)	Soluble	Solid	300.0	1217
890-471-22 MSD	BH-22 (4)	Soluble	Solid	300.0	1217
890-471-32 MS	BH-32 (5)	Soluble	Solid	300.0	1217
890-471-32 MSD	BH-32 (5)	Soluble	Solid	300.0	1217

Leach Batch: 1222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-1	BH-1 (5)	Soluble	Solid	DI Leach	
890-471-42	SW-10 (8)	Soluble	Solid	DI Leach	
890-471-43	SW-11 (8)	Soluble	Solid	DI Leach	
890-471-44	SW-12 (8)	Soluble	Solid	DI Leach	
890-471-45	SW-13 (8)	Soluble	Solid	DI Leach	
890-471-46	SW-14 (5)	Soluble	Solid	DI Leach	
890-471-47	SW-15 (5)	Soluble	Solid	DI Leach	
890-471-48	SW-16 (4)	Soluble	Solid	DI Leach	
890-471-49	SW-17 (4)	Soluble	Solid	DI Leach	
MB 880-1222/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-1222/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-1222/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-471-1 MS	BH-1 (5)	Soluble	Solid	DI Leach	
890-471-1 MSD	BH-1 (5)	Soluble	Solid	DI Leach	

Analysis Batch: 1260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-471-1	BH-1 (5)	Soluble	Solid	300.0	1222
890-471-42	SW-10 (8)	Soluble	Solid	300.0	1222
890-471-43	SW-11 (8)	Soluble	Solid	300.0	1222
890-471-44	SW-12 (8)	Soluble	Solid	300.0	1222
890-471-45	SW-13 (8)	Soluble	Solid	300.0	1222
890-471-46	SW-14 (5)	Soluble	Solid	300.0	1222
890-471-47	SW-15 (5)	Soluble	Solid	300.0	1222
890-471-48	SW-16 (4)	Soluble	Solid	300.0	1222
890-471-49	SW-17 (4)	Soluble	Solid	300.0	1222
MB 880-1222/1-A	Method Blank	Soluble	Solid	300.0	1222
LCS 880-1222/2-A	Lab Control Sample	Soluble	Solid	300.0	1222
LCSD 880-1222/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	1222
890-471-1 MS	BH-1 (5)	Soluble	Solid	300.0	1222
890-471-1 MSD	BH-1 (5)	Soluble	Solid	300.0	1222

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: BH-1 (5)

Lab Sample ID: 890-471-1

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1203	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/01/21 19:35	KL	XM
Total/NA	Prep	8015NM Prep			1206	04/01/21 15:33	DM	XM
Total/NA	Analysis	8015B NM		1	1138	04/02/21 00:49	AJ	XM
Soluble	Leach	DI Leach			1222	04/01/21 21:15	SC	XM
Soluble	Analysis	300.0		5	1260	04/02/21 17:54	CH	XM

Client Sample ID: BH-2 (5)

Lab Sample ID: 890-471-2

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1203	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/01/21 19:56	KL	XM
Total/NA	Prep	8015NM Prep			1206	04/01/21 15:33	DM	XM
Total/NA	Analysis	8015B NM		1	1138	04/02/21 01:51	AJ	XM
Soluble	Leach	DI Leach			1216	04/01/21 17:32	SC	XM
Soluble	Analysis	300.0		1	1220	04/02/21 15:11	AJ	XM

Client Sample ID: BH-3 (5)

Lab Sample ID: 890-471-3

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1203	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/01/21 20:17	KL	XM
Total/NA	Prep	8015NM Prep			1206	04/01/21 15:33	DM	XM
Total/NA	Analysis	8015B NM		1	1138	04/02/21 02:12	AJ	XM
Soluble	Leach	DI Leach			1216	04/01/21 17:32	SC	XM
Soluble	Analysis	300.0		5	1220	04/02/21 15:27	AJ	XM

Client Sample ID: BH-4 (5)

Lab Sample ID: 890-471-4

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1203	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/01/21 20:37	KL	XM
Total/NA	Prep	8015NM Prep			1206	04/01/21 15:33	DM	XM
Total/NA	Analysis	8015B NM		1	1138	04/02/21 02:33	AJ	XM
Soluble	Leach	DI Leach			1216	04/01/21 17:32	SC	XM
Soluble	Analysis	300.0		5	1220	04/02/21 15:33	AJ	XM

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: BH-5 (5)

Lab Sample ID: 890-471-5

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1203	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/01/21 20:58	KL	XM
Total/NA	Prep	8015NM Prep			1206	04/01/21 15:33	DM	XM
Total/NA	Analysis	8015B NM		1	1138	04/02/21 02:54	AJ	XM
Soluble	Leach	DI Leach			1216	04/01/21 17:32	SC	XM
Soluble	Analysis	300.0		1	1220	04/02/21 15:38	AJ	XM

Client Sample ID: BH-6 (5)

Lab Sample ID: 890-471-6

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1203	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/01/21 21:18	KL	XM
Total/NA	Prep	8015NM Prep			1206	04/01/21 15:33	DM	XM
Total/NA	Analysis	8015B NM		1	1138	04/02/21 03:15	AJ	XM
Soluble	Leach	DI Leach			1216	04/01/21 17:32	SC	XM
Soluble	Analysis	300.0		1	1220	04/02/21 15:44	AJ	XM

Client Sample ID: BH-7 (5)

Lab Sample ID: 890-471-7

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1203	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/01/21 21:39	KL	XM
Total/NA	Prep	8015NM Prep			1206	04/01/21 15:33	DM	XM
Total/NA	Analysis	8015B NM		1	1138	04/02/21 03:36	AJ	XM
Soluble	Leach	DI Leach			1216	04/01/21 17:32	SC	XM
Soluble	Analysis	300.0		1	1220	04/02/21 16:00	AJ	XM

Client Sample ID: BH-8 (5)

Lab Sample ID: 890-471-8

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1203	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/01/21 22:00	KL	XM
Total/NA	Prep	8015NM Prep			1206	04/01/21 15:33	DM	XM
Total/NA	Analysis	8015B NM		1	1138	04/02/21 03:57	AJ	XM
Soluble	Leach	DI Leach			1216	04/01/21 17:32	SC	XM
Soluble	Analysis	300.0		5	1220	04/02/21 16:06	AJ	XM

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Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: BH-9 (3)

Lab Sample ID: 890-471-9

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1203	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/01/21 22:20	KL	XM
Total/NA	Prep	8015NM Prep			1206	04/01/21 15:33	DM	XM
Total/NA	Analysis	8015B NM		1	1138	04/02/21 04:18	AJ	XM
Soluble	Leach	DI Leach			1216	04/01/21 17:32	SC	XM
Soluble	Analysis	300.0		5	1220	04/02/21 16:11	AJ	XM

Client Sample ID: BH-10 (3)

Lab Sample ID: 890-471-10

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1203	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/01/21 22:41	KL	XM
Total/NA	Prep	8015NM Prep			1206	04/01/21 15:33	DM	XM
Total/NA	Analysis	8015B NM		1	1138	04/02/21 04:38	AJ	XM
Soluble	Leach	DI Leach			1216	04/01/21 17:32	SC	XM
Soluble	Analysis	300.0		5	1220	04/02/21 16:17	AJ	XM

Client Sample ID: BH-11 (3)

Lab Sample ID: 890-471-11

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1203	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 00:03	KL	XM
Total/NA	Prep	8015NM Prep			1206	04/01/21 15:33	DM	XM
Total/NA	Analysis	8015B NM		1	1138	04/02/21 05:20	AJ	XM
Soluble	Leach	DI Leach			1216	04/01/21 17:32	SC	XM
Soluble	Analysis	300.0		5	1220	04/02/21 16:22	AJ	XM

Client Sample ID: BH-12 (3)

Lab Sample ID: 890-471-12

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1203	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 00:24	KL	XM
Total/NA	Prep	8015NM Prep			1206	04/01/21 15:33	DM	XM
Total/NA	Analysis	8015B NM		1	1138	04/02/21 05:41	AJ	XM
Soluble	Leach	DI Leach			1216	04/01/21 17:32	SC	XM
Soluble	Analysis	300.0		5	1220	04/02/21 16:28	AJ	XM

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Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: BH-13 (3)

Lab Sample ID: 890-471-13

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1203	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 00:45	KL	XM
Total/NA	Prep	8015NM Prep			1206	04/01/21 15:33	DM	XM
Total/NA	Analysis	8015B NM		1	1138	04/02/21 06:02	AJ	XM
Soluble	Leach	DI Leach			1216	04/01/21 17:32	SC	XM
Soluble	Analysis	300.0		1	1220	04/02/21 16:45	AJ	XM

Client Sample ID: BH-14 (4)

Lab Sample ID: 890-471-14

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1203	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 01:05	KL	XM
Total/NA	Prep	8015NM Prep			1206	04/01/21 15:33	DM	XM
Total/NA	Analysis	8015B NM		1	1138	04/02/21 06:23	AJ	XM
Soluble	Leach	DI Leach			1216	04/01/21 17:32	SC	XM
Soluble	Analysis	300.0		1	1220	04/02/21 16:50	AJ	XM

Client Sample ID: BH-15 (4)

Lab Sample ID: 890-471-15

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1203	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 01:26	KL	XM
Total/NA	Prep	8015NM Prep			1206	04/01/21 15:33	DM	XM
Total/NA	Analysis	8015B NM		1	1138	04/02/21 06:44	AJ	XM
Soluble	Leach	DI Leach			1216	04/01/21 17:32	SC	XM
Soluble	Analysis	300.0		1	1220	04/02/21 17:07	AJ	XM

Client Sample ID: BH-16 (4)

Lab Sample ID: 890-471-16

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1203	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 01:46	KL	XM
Total/NA	Prep	8015NM Prep			1206	04/01/21 15:33	DM	XM
Total/NA	Analysis	8015B NM		1	1138	04/02/21 07:05	AJ	XM
Soluble	Leach	DI Leach			1216	04/01/21 17:32	SC	XM
Soluble	Analysis	300.0		1	1220	04/02/21 17:12	AJ	XM

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Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: BH-17 (5)

Lab Sample ID: 890-471-17

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1203	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 02:07	KL	XM
Total/NA	Prep	8015NM Prep			1206	04/01/21 15:33	DM	XM
Total/NA	Analysis	8015B NM		1	1138	04/02/21 07:26	AJ	XM
Soluble	Leach	DI Leach			1216	04/01/21 17:32	SC	XM
Soluble	Analysis	300.0		1	1220	04/02/21 17:18	AJ	XM

Client Sample ID: BH-18 (5)

Lab Sample ID: 890-471-18

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1203	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 02:28	KL	XM
Total/NA	Prep	8015NM Prep			1206	04/01/21 15:33	DM	XM
Total/NA	Analysis	8015B NM		1	1138	04/02/21 07:50	AJ	XM
Soluble	Leach	DI Leach			1216	04/01/21 17:32	SC	XM
Soluble	Analysis	300.0		1	1220	04/02/21 17:23	AJ	XM

Client Sample ID: BH-19 (5)

Lab Sample ID: 890-471-19

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1203	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 02:48	KL	XM
Total/NA	Prep	8015NM Prep			1206	04/01/21 15:33	DM	XM
Total/NA	Analysis	8015B NM		1	1138	04/02/21 08:12	AJ	XM
Soluble	Leach	DI Leach			1216	04/01/21 17:32	SC	XM
Soluble	Analysis	300.0		1	1220	04/02/21 17:29	AJ	XM

Client Sample ID: BH-20 (4)

Lab Sample ID: 890-471-20

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1203	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 03:09	KL	XM
Total/NA	Prep	8015NM Prep			1206	04/01/21 15:33	DM	XM
Total/NA	Analysis	8015B NM		1	1138	04/02/21 08:33	AJ	XM
Soluble	Leach	DI Leach			1216	04/01/21 17:32	SC	XM
Soluble	Analysis	300.0		1	1220	04/02/21 17:34	AJ	XM

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Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: BH-21 (8)

Lab Sample ID: 890-471-21

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1204	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 06:34	KL	XM
Total/NA	Prep	8015NM Prep			1209	04/01/21 15:52	DM	XM
Total/NA	Analysis	8015B NM		1	1140	04/02/21 00:49	AJ	XM
Soluble	Leach	DI Leach			1216	04/01/21 17:32	SC	XM
Soluble	Analysis	300.0		1	1220	04/02/21 17:40	AJ	XM

Client Sample ID: BH-22 (4)

Lab Sample ID: 890-471-22

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1204	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 06:55	KL	XM
Total/NA	Prep	8015NM Prep			1209	04/01/21 15:52	DM	XM
Total/NA	Analysis	8015B NM		1	1140	04/02/21 01:51	AJ	XM
Soluble	Leach	DI Leach			1217	04/01/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1221	04/02/21 01:33	CH	XM

Client Sample ID: BH-23 (4)

Lab Sample ID: 890-471-23

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1204	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 07:15	KL	XM
Total/NA	Prep	8015NM Prep			1209	04/01/21 15:52	DM	XM
Total/NA	Analysis	8015B NM		1	1140	04/02/21 02:12	AJ	XM
Soluble	Leach	DI Leach			1217	04/01/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1221	04/02/21 01:49	CH	XM

Client Sample ID: BH-24 (4)

Lab Sample ID: 890-471-24

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1204	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 07:36	KL	XM
Total/NA	Prep	8015NM Prep			1209	04/01/21 15:52	DM	XM
Total/NA	Analysis	8015B NM		1	1140	04/02/21 02:33	AJ	XM
Soluble	Leach	DI Leach			1217	04/01/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1221	04/02/21 01:55	CH	XM

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: BH-25 (5)

Lab Sample ID: 890-471-25

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1204	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 07:56	KL	XM
Total/NA	Prep	8015NM Prep			1209	04/01/21 15:52	DM	XM
Total/NA	Analysis	8015B NM		1	1140	04/02/21 02:54	AJ	XM
Soluble	Leach	DI Leach			1217	04/01/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1221	04/02/21 02:00	CH	XM

Client Sample ID: BH-26 (5)

Lab Sample ID: 890-471-26

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1204	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 08:17	KL	XM
Total/NA	Prep	8015NM Prep			1209	04/01/21 15:52	DM	XM
Total/NA	Analysis	8015B NM		1	1140	04/02/21 03:15	AJ	XM
Soluble	Leach	DI Leach			1217	04/01/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1221	04/02/21 02:06	CH	XM

Client Sample ID: BH-27 (5)

Lab Sample ID: 890-471-27

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1204	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 08:38	KL	XM
Total/NA	Prep	8015NM Prep			1209	04/01/21 15:52	DM	XM
Total/NA	Analysis	8015B NM		1	1140	04/02/21 03:36	AJ	XM
Soluble	Leach	DI Leach			1217	04/01/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1221	04/02/21 02:22	CH	XM

Client Sample ID: BH-28 (5)

Lab Sample ID: 890-471-28

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1204	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 08:58	KL	XM
Total/NA	Prep	8015NM Prep			1209	04/01/21 15:52	DM	XM
Total/NA	Analysis	8015B NM		1	1140	04/02/21 03:57	AJ	XM
Soluble	Leach	DI Leach			1217	04/01/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1221	04/02/21 02:28	CH	XM

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.

Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1

SDG: Eddy County NM

Client Sample ID: BH-29 (5)

Lab Sample ID: 890-471-29

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1204	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 09:19	KL	XM
Total/NA	Prep	8015NM Prep			1209	04/01/21 15:52	DM	XM
Total/NA	Analysis	8015B NM		1	1140	04/02/21 04:18	AJ	XM
Soluble	Leach	DI Leach			1217	04/01/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1221	04/02/21 02:34	CH	XM

Client Sample ID: BH-30 (5)

Lab Sample ID: 890-471-30

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1204	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 09:40	KL	XM
Total/NA	Prep	8015NM Prep			1209	04/01/21 15:52	DM	XM
Total/NA	Analysis	8015B NM		1	1140	04/02/21 04:38	AJ	XM
Soluble	Leach	DI Leach			1217	04/01/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1221	04/02/21 02:39	CH	XM

Client Sample ID: BH-31 (5)

Lab Sample ID: 890-471-31

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1204	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 11:03	KL	XM
Total/NA	Prep	8015NM Prep			1209	04/01/21 15:52	DM	XM
Total/NA	Analysis	8015B NM		1	1140	04/02/21 05:20	AJ	XM
Soluble	Leach	DI Leach			1217	04/01/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1221	04/02/21 02:45	CH	XM

Client Sample ID: BH-32 (5)

Lab Sample ID: 890-471-32

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1204	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 11:24	KL	XM
Total/NA	Prep	8015NM Prep			1209	04/01/21 15:52	DM	XM
Total/NA	Analysis	8015B NM		1	1140	04/02/21 05:41	AJ	XM
Soluble	Leach	DI Leach			1217	04/01/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1221	04/02/21 02:50	CH	XM

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: SW-1 (5)

Lab Sample ID: 890-471-33

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1204	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 11:45	KL	XM
Total/NA	Prep	8015NM Prep			1209	04/01/21 15:52	DM	XM
Total/NA	Analysis	8015B NM		1	1140	04/02/21 06:02	AJ	XM
Soluble	Leach	DI Leach			1217	04/01/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1221	04/02/21 03:07	CH	XM

Client Sample ID: SW-2 (5)

Lab Sample ID: 890-471-34

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1204	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 12:05	KL	XM
Total/NA	Prep	8015NM Prep			1209	04/01/21 15:52	DM	XM
Total/NA	Analysis	8015B NM		1	1140	04/02/21 06:23	AJ	XM
Soluble	Leach	DI Leach			1217	04/01/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1221	04/02/21 03:12	CH	XM

Client Sample ID: SW-3 (5)

Lab Sample ID: 890-471-35

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1204	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 12:26	KL	XM
Total/NA	Prep	8015NM Prep			1209	04/01/21 15:52	DM	XM
Total/NA	Analysis	8015B NM		1	1140	04/02/21 06:44	AJ	XM
Soluble	Leach	DI Leach			1217	04/01/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1221	04/02/21 03:29	CH	XM

Client Sample ID: SW-4 (5)

Lab Sample ID: 890-471-36

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1204	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 12:47	KL	XM
Total/NA	Prep	8015NM Prep			1209	04/01/21 15:52	DM	XM
Total/NA	Analysis	8015B NM		1	1140	04/02/21 07:05	AJ	XM
Soluble	Leach	DI Leach			1217	04/01/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1221	04/02/21 03:34	CH	XM

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.

Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1

SDG: Eddy County NM

Client Sample ID: SW-5 (3)

Date Collected: 03/31/21 00:00

Date Received: 04/01/21 10:00

Lab Sample ID: 890-471-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1204	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 13:07	KL	XM
Total/NA	Prep	8015NM Prep			1209	04/01/21 15:52	DM	XM
Total/NA	Analysis	8015B NM		1	1140	04/02/21 07:26	AJ	XM
Soluble	Leach	DI Leach			1217	04/01/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1221	04/02/21 03:40	CH	XM

Client Sample ID: SW-6 (3)

Date Collected: 03/31/21 00:00

Date Received: 04/01/21 10:00

Lab Sample ID: 890-471-38

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1204	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 13:28	KL	XM
Total/NA	Prep	8015NM Prep			1209	04/01/21 15:52	DM	XM
Total/NA	Analysis	8015B NM		1	1140	04/02/21 07:50	AJ	XM
Soluble	Leach	DI Leach			1217	04/01/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1221	04/02/21 03:45	CH	XM

Client Sample ID: SW-7 (4)

Date Collected: 03/31/21 00:00

Date Received: 04/01/21 10:00

Lab Sample ID: 890-471-39

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1204	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 13:49	KL	XM
Total/NA	Prep	8015NM Prep			1209	04/01/21 15:52	DM	XM
Total/NA	Analysis	8015B NM		1	1140	04/02/21 08:12	AJ	XM
Soluble	Leach	DI Leach			1217	04/01/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1221	04/02/21 03:51	CH	XM

Client Sample ID: SW-8 (4)

Date Collected: 03/31/21 00:00

Date Received: 04/01/21 10:00

Lab Sample ID: 890-471-40

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1204	04/01/21 15:25	KL	XM
Total/NA	Analysis	8021B		1	1207	04/02/21 14:10	KL	XM
Total/NA	Prep	8015NM Prep			1209	04/01/21 15:52	DM	XM
Total/NA	Analysis	8015B NM		1	1140	04/02/21 08:33	AJ	XM
Soluble	Leach	DI Leach			1217	04/01/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1221	04/02/21 03:57	CH	XM

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: SW-9 (4)

Lab Sample ID: 890-471-41

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1147	04/01/21 15:45	KL	XM
Total/NA	Analysis	8021B		1	1148	04/02/21 06:31	KL	XM
Total/NA	Prep	8015NM Prep			1211	04/01/21 16:36	DM	XM
Total/NA	Analysis	8015B NM		1	1157	04/02/21 02:33	AJ	XM
Soluble	Leach	DI Leach			1217	04/01/21 17:59	SC	XM
Soluble	Analysis	300.0		1	1221	04/02/21 04:02	CH	XM

Client Sample ID: SW-10 (8)

Lab Sample ID: 890-471-42

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1147	04/01/21 15:45	KL	XM
Total/NA	Analysis	8021B		1	1148	04/02/21 06:51	KL	XM
Total/NA	Prep	8015NM Prep			1211	04/01/21 16:36	DM	XM
Total/NA	Analysis	8015B NM		1	1157	04/02/21 03:36	AJ	XM
Soluble	Leach	DI Leach			1222	04/01/21 21:15	SC	XM
Soluble	Analysis	300.0		1	1260	04/02/21 18:09	CH	XM

Client Sample ID: SW-11 (8)

Lab Sample ID: 890-471-43

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1147	04/01/21 15:45	KL	XM
Total/NA	Analysis	8021B		1	1148	04/02/21 07:12	KL	XM
Total/NA	Prep	8015NM Prep			1211	04/01/21 16:36	DM	XM
Total/NA	Analysis	8015B NM		1	1157	04/02/21 03:57	AJ	XM
Soluble	Leach	DI Leach			1222	04/01/21 21:15	SC	XM
Soluble	Analysis	300.0		1	1260	04/02/21 18:14	CH	XM

Client Sample ID: SW-12 (8)

Lab Sample ID: 890-471-44

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1147	04/01/21 15:45	KL	XM
Total/NA	Analysis	8021B		1	1148	04/02/21 07:32	KL	XM
Total/NA	Prep	8015NM Prep			1211	04/01/21 16:36	DM	XM
Total/NA	Analysis	8015B NM		1	1157	04/02/21 04:18	AJ	XM
Soluble	Leach	DI Leach			1222	04/01/21 21:15	SC	XM
Soluble	Analysis	300.0		1	1260	04/02/21 18:19	CH	XM

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.

Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1

SDG: Eddy County NM

Client Sample ID: SW-13 (8)

Lab Sample ID: 890-471-45

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1147	04/01/21 15:45	KL	XM
Total/NA	Analysis	8021B		1	1148	04/02/21 07:52	KL	XM
Total/NA	Prep	8015NM Prep			1211	04/01/21 16:36	DM	XM
Total/NA	Analysis	8015B NM		1	1157	04/02/21 04:38	AJ	XM
Soluble	Leach	DI Leach			1222	04/01/21 21:15	SC	XM
Soluble	Analysis	300.0		1	1260	04/02/21 18:24	CH	XM

Client Sample ID: SW-14 (5)

Lab Sample ID: 890-471-46

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1147	04/01/21 15:45	KL	XM
Total/NA	Analysis	8021B		1	1148	04/02/21 08:13	KL	XM
Total/NA	Prep	8015NM Prep			1211	04/01/21 16:36	DM	XM
Total/NA	Analysis	8015B NM		1	1157	04/02/21 04:59	AJ	XM
Soluble	Leach	DI Leach			1222	04/01/21 21:15	SC	XM
Soluble	Analysis	300.0		1	1260	04/02/21 18:39	CH	XM

Client Sample ID: SW-15 (5)

Lab Sample ID: 890-471-47

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1147	04/01/21 15:45	KL	XM
Total/NA	Analysis	8021B		1	1148	04/02/21 08:33	KL	XM
Total/NA	Prep	8015NM Prep			1211	04/01/21 16:36	DM	XM
Total/NA	Analysis	8015B NM		1	1157	04/02/21 05:20	AJ	XM
Soluble	Leach	DI Leach			1222	04/01/21 21:15	SC	XM
Soluble	Analysis	300.0		1	1260	04/02/21 18:44	CH	XM

Client Sample ID: SW-16 (4)

Lab Sample ID: 890-471-48

Date Collected: 03/31/21 00:00

Matrix: Solid

Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1227	04/02/21 09:30	KL	XM
Total/NA	Analysis	8021B		1	1229	04/02/21 16:03	KL	XM
Total/NA	Prep	8015NM Prep			1211	04/01/21 16:36	DM	XM
Total/NA	Analysis	8015B NM		1	1157	04/02/21 05:41	AJ	XM
Soluble	Leach	DI Leach			1222	04/01/21 21:15	SC	XM
Soluble	Analysis	300.0		1	1260	04/02/21 18:49	CH	XM

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Client Sample ID: SW-17 (4) Lab Sample ID: 890-471-49
Date Collected: 03/31/21 00:00 Matrix: Solid
Date Received: 04/01/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1227	04/02/21 09:30	KL	XM
Total/NA	Analysis	8021B		1	1229	04/02/21 16:23	KL	XM
Total/NA	Prep	8015NM Prep			1211	04/01/21 16:36	DM	XM
Total/NA	Analysis	8015B NM		1	1157	04/02/21 06:02	AJ	XM
Soluble	Leach	DI Leach			1222	04/01/21 21:15	SC	XM
Soluble	Analysis	300.0		1	1260	04/02/21 18:54	CH	XM

Laboratory References:
XM = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1
SDG: Eddy County NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Tetra Tech, Inc.

Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1

SDG: Eddy County NM

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

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.

Laboratory References:

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

Sample Summary

Client: Tetra Tech, Inc.

Project/Site: Doc BHU State # 1 - 212C-MD-02437

Job ID: 890-471-1

SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
890-471-1	BH-1 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-2	BH-2 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-3	BH-3 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-4	BH-4 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-5	BH-5 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-6	BH-6 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-7	BH-7 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-8	BH-8 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-9	BH-9 (3)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-10	BH-10 (3)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-11	BH-11 (3)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-12	BH-12 (3)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-13	BH-13 (3)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-14	BH-14 (4)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-15	BH-15 (4)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-16	BH-16 (4)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-17	BH-17 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-18	BH-18 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-19	BH-19 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-20	BH-20 (4)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-21	BH-21 (8)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-22	BH-22 (4)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-23	BH-23 (4)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-24	BH-24 (4)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-25	BH-25 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-26	BH-26 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-27	BH-27 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-28	BH-28 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-29	BH-29 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-30	BH-30 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-31	BH-31 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-32	BH-32 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-33	SW-1 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-34	SW-2 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-35	SW-3 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-36	SW-4 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-37	SW-5 (3)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-38	SW-6 (3)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-39	SW-7 (4)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-40	SW-8 (4)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-41	SW-9 (4)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-42	SW-10 (8)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-43	SW-11 (8)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-44	SW-12 (8)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-45	SW-13 (8)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-46	SW-14 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-47	SW-15 (5)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-48	SW-16 (4)	Solid	03/31/21 00:00	04/01/21 10:00	
890-471-49	SW-17 (4)	Solid	03/31/21 00:00	04/01/21 10:00	

Eurofins Xenco, Carlsbad

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79705

Tel (432) 682-4559

Fax

890-471 Chain of Custody

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Analysis Request of Chain of Custody Records



Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79705

Tel (432) 682-4559

1-800-668-3946

Brittany Long

ANALYSIS REQUEST

(Circle or Specify Method No.)

Client Name:

EOC

Site Manager:

Britany Long

Project Name:

Doc BHU State #1

Project Location:

Project Location:
(county, state) **Eddy County, NM**

Project #:

212C-MD-02437

Invoice to:

Todd Wells

Receiving Laboratory:

Xenco

Sampler Signature:

Ezequiel Moreno

Comments:

[illegible]

Analysis Request of Chain of Custody Record

Page 3 of 5



Tetra Tech, Inc.

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

Client Name: EOG		Site Manager: Brittany Long	
Project Name: Doc BHU State #1		Project #: 212C-MD-02437	
Project Location: Eddy County, NM		Project #: 212C-MD-02437	
Invoice to: Todd Wells		Sampler Signature: Ezequiel Moreno	
Receiving Laboratory: Xenco		Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD					# CONTAINERS	FILTERED (Y/N)	ANALYSIS REQUEST (Circle or Specify Method No.)	
		DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE	None					
										YEAR: 2020				
	BH-21 (8)	3/31/2021		X				X						BTEX 8021B BTEX 8260B
	BH-22 (4)	3/31/2021		X				X						TPH TX1005 (Ext to C35)
	BH-23 (4)	3/31/2021		X				X						TPH 8015M (GRO - DRO - ORO - MRO)
	BH-24 (4)	3/31/2021		X				X						PAH 8270C
	BH-25 (5)	3/31/2021		X				X						Total Metals Ag As Ba Cd Cr Pb Se Hg
	BH-26 (5)	3/31/2021		X				X						TCLP Metals Ag As Ba Cd Cr Pb Se Hg
	BH-27 (5)	3/31/2021		X				X						TCLP Volatiles
	BH-28 (5)	3/31/2021		X				X						TCLP Semi Volatiles
	BH-29 (5)	3/31/2021		X				X						RCI
	BH-30 (5)	3/31/2021		X				X						GC/MS Vol. 8260B / 624
														GC/MS Semi. Vol. 8270C/625
														PCB's 8082 / 608
														NORM
														PLM (Asbestos)
														Chloride
														Chloride Sulfate TDS
														General Water Chemistry (see attached list)
														Anion/Cation Balance
														Hold

Relinquished by: <i>E. and M. Jones</i>	Date: 4.1.21	Time: 10:00	Received by: <i>N. Jones</i>	Date: 4.1.21	Time: 10:00
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY	REMARKS:
☐ STANDARD	
☒ RUSH: Same Day	
☐ Rush Charges Authorized	
☐ Special Report Limits or TRRP Report	

Sample Temperature: _____

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

ORIGINAL COPY

Analysis Request of Chain of Custody Record

Page 4 of 5



Tetra Tech, Inc.

 9311 W. Main Street, Ste 100
 Midland, Texas 79705
 Tel (432) 682-4559
 Fax (432) 682-3946

Client Name: EOG		Site Manager: Brittany Long	
Project Name: Doc BHU State #1		Project #: 212C-MD-02437	
Project Location: (county, state) Eddy County, NM		Project #: 212C-MD-02437	
Invoice to: Todd Wells		Sampler Signature: Ezequiel Moreno	
Receiving Laboratory: Xenco		Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD					# CONTAINERS	FILTERED (Y/N)	ANALYSIS REQUEST (Circle or Specify Method No.)	
		DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE	None					
										YEAR: 2020				
	BH-31 (5)	3/31/2021		X				X					X	BTEX 8021B BTEX 8260B
	BH-32 (4)	3/31/2021		X				X					X	TPH TX1005 (Ext to C35)
	SW-1 (5)	3/31/2021		X				X					X	TPH 8015M (GRO - DRO - ORO - MRO)
	SW-2 (5)	3/31/2021		X				X					X	PAH 8270C
	SW-3 (5)	3/31/2021		X				X					X	Total Metals Ag As Ba Cd Cr Pb Se Hg
	SW-4 (5)	3/31/2021		X				X					X	TCLP Metals Ag As Ba Cd Cr Pb Se Hg
	SW-5 (3)	3/31/2021		X				X					X	TCLP Volatiles
	SW-6 (3)	3/31/2021		X				X					X	TCLP Semi Volatiles
	SW-7 (4)	3/31/2021		X				X					X	RCI
	SW-8 (4)	3/31/2021		X				X					X	GC/MS Vol. 8260B / 624
														GC/MS Semi. Vol. 8270C/625
														PCB's 8082 / 608
														NORM
														PLM (Asbestos)
														Chloride
														Chloride Sulfate TDS
														General Water Chemistry (see attached list)
														Anion/Cation Balance
														Hold

Relinquished by: <i>Ezequiel Moreno</i>	Date: 3/31/2021	Time: 4:12	Received by: <i>N. Ochoa</i>	Date: 3/31/2021	Time: 10:00
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
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LAB USE ONLY	REMARKS:
☐ STANDARD ☒ RUSH: Same Day 24 hr 48 hr 72 hr ☐ Rush Charges Authorized ☐ Special Report Limits or TRRP Report	Sample Temperature (Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

 301 W. Main Street, Ste 100
 Midland, Texas 79705
 Tel (432) 692-4559
 Fax (432) 692-3946

Page 5 of 5

Client Name: EOG		Site Manager: Brittany Long	
Project Name: Doc BHU State #1		Project #: 212C-MD-02437	
Project Location: Eddy County, NM		Project #: 212C-MD-02437	
Invoice to: Todd Wells		Sampler Signature: Ezequiel Moreno	
Receiving Laboratory: Xenco		Comments:	

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION		SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)
	DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE	None		
	SW-9 (4)	3/31/2021		X			X			
	SW-10 (8)	3/31/2021		X			X			
	SW-11 (8)	3/31/2021		X			X			
	SW-12 (8)	3/31/2021		X			X			
	SW-13 (8)	3/31/2021		X			X			
	SW-14 (5)	3/31/2021		X			X			
	SW-15 (5)	3/31/2021		X			X			
	SW-16 (4)	3/31/2021		X			X			
	SW-17 (4)	3/31/2021		X			X			

Relinquished by: <i>Erin M. Wells</i>	Date: _____	Time: _____	Received by: <i>N. Q. Q.</i>	Date: 4.1.21	Time: 10:00
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____

Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____
------------------------	-------------	-------------	--------------------	-------------	-------------

ANALYSIS REQUEST

(Circle or Specify Method No.)

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

REMARKS:	
☐ STANDARD	
☒ RUSH	Same Day 24 hr 48 hr 72 hr
☐ Rush Charges Authorized	
☐ Special Report Limits or TRRP Report	

ORIGINAL COPY

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-471-1

SDG Number: Eddy County NM

Login Number: 471

List Number: 1

Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-471-1

SDG Number: Eddy County NM

Login Number: 471

List Number: 2

Creator: Copeland, Tatiana

List Source: Eurofins Midland

List Creation: 04/01/21 03:23 PM

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

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 890-471-1

SDG Number: Eddy County NM

Login Number: 471

List Number: 3

Creator: Copeland, Tatiana

List Source: Eurofins Midland

List Creation: 04/01/21 03:56 PM

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



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

April 09, 2021

BRITTANY LONG

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: DOC BHU STATE #1

Enclosed are the results of analyses for samples received by the laboratory on 04/08/21 10:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/08/2021	Sampling Date:	04/07/2021
Reported:	04/09/2021	Sampling Type:	Soil
Project Name:	DOC BHU STATE #1	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02437	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO NM		

Sample ID: BH - 16 (7') (H210885-01)

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	04/08/2021	ND	2.02	101	2.00	2.58	
Toluene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	6.61	110	6.00	2.35	
Total BTEX	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	04/08/2021	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	04/08/2021	ND	210	105	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/08/2021	ND	217	108	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2021	ND					

Surrogate: 1-Chlorooctane 78.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.4 % 42.2-156

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/08/2021
Reported: 04/09/2021
Project Name: DOC BHU STATE #1
Project Number: 212C-MD-02437
Project Location: EOG - EDDY CO NM

Sampling Date: 04/07/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 23 (6') (H210885-02)

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	04/08/2021	ND	2.02	101	2.00	2.58		
Toluene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.70		
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.67		
Total Xylenes*	<0.150	0.150	04/08/2021	ND	6.61	110	6.00	2.35		
Total BTEx	<0.300	0.300	04/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/08/2021	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	04/08/2021	ND	210	105	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/08/2021	ND	217	108	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2021	ND					

Surrogate: 1-Chlorooctane 79.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/08/2021
 Reported: 04/09/2021
 Project Name: DOC BHU STATE #1
 Project Number: 212C-MD-02437
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH - 24 (6') (H210885-03)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	2.58	
Toluene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	6.61	110	6.00	2.35	
Total BTX	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/08/2021	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	04/08/2021	ND	210	105	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/08/2021	ND	217	108	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2021	ND					

Surrogate: 1-Chlorooctane 79.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/08/2021
Reported: 04/09/2021
Project Name: DOC BHU STATE #1
Project Number: 212C-MD-02437
Project Location: EOG - EDDY CO NM

Sampling Date: 04/07/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 25 (8') (H210885-04)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	2.58	
Toluene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	6.61	110	6.00	2.35	
Total BTX	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.3-129

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	04/08/2021	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	04/08/2021	ND	210	105	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/08/2021	ND	217	108	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2021	ND					

Surrogate: 1-Chlorooctane 80.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/08/2021
Reported: 04/09/2021
Project Name: DOC BHU STATE #1
Project Number: 212C-MD-02437
Project Location: EOG - EDDY CO NM

Sampling Date: 04/07/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 26 (8') (H210885-05)

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	2.58		
Toluene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.70		
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.67		
Total Xylenes*	<0.150	0.150	04/08/2021	ND	6.61	110	6.00	2.35		
Total BTEx	<0.300	0.300	04/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/08/2021	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	04/08/2021	ND	210	105	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/08/2021	ND	217	108	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2021	ND					

Surrogate: 1-Chlorooctane 84.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/08/2021
Reported: 04/09/2021
Project Name: DOC BHU STATE #1
Project Number: 212C-MD-02437
Project Location: EOG - EDDY CO NM

Sampling Date: 04/07/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH - 27 (8') (H210885-06)

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	2.58		
Toluene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.70		
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.67		
Total Xylenes*	<0.150	0.150	04/08/2021	ND	6.61	110	6.00	2.35		
Total BTEx	<0.300	0.300	04/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/08/2021	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	04/08/2021	ND	210	105	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/08/2021	ND	217	108	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2021	ND					

Surrogate: 1-Chlorooctane 80.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.2 % 42.2-156

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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: 04/08/2021
Reported: 04/09/2021
Project Name: DOC BHU STATE #1
Project Number: 212C-MD-02437
Project Location: EOG - EDDY CO NM

Sampling Date: 04/07/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 1 (5') (H210885-07)

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	2.58	
Toluene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	6.61	110	6.00	2.35	
Total BTEx	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/08/2021	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	04/08/2021	ND	210	105	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/08/2021	ND	217	108	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2021	ND					

Surrogate: 1-Chlorooctane 80.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.0 % 42.2-156

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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: 04/08/2021
Reported: 04/09/2021
Project Name: DOC BHU STATE #1
Project Number: 212C-MD-02437
Project Location: EOG - EDDY CO NM

Sampling Date: 04/07/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 2 (5') (H210885-08)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	2.58	
Toluene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	6.61	110	6.00	2.35	
Total BTX	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/08/2021	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	04/08/2021	ND	210	105	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/08/2021	ND	217	108	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2021	ND					

Surrogate: 1-Chlorooctane 77.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/08/2021
Reported: 04/09/2021
Project Name: DOC BHU STATE #1
Project Number: 212C-MD-02437
Project Location: EOG - EDDY CO NM

Sampling Date: 04/07/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 4 (5') (H210885-09)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	2.58	
Toluene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	6.61	110	6.00	2.35	
Total BTX	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	04/08/2021	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	04/08/2021	ND	210	105	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/08/2021	ND	217	108	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2021	ND					

Surrogate: 1-Chlorooctane 75.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 78.1 % 42.2-156

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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: 04/08/2021
Reported: 04/09/2021
Project Name: DOC BHU STATE #1
Project Number: 212C-MD-02437
Project Location: EOG - EDDY CO NM

Sampling Date: 04/07/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 5 (3') (H210885-10)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	2.58	
Toluene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	6.61	110	6.00	2.35	
Total BTX	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/08/2021	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	04/08/2021	ND	210	105	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/08/2021	ND	217	108	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2021	ND					

Surrogate: 1-Chlorooctane 76.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 78.0 % 42.2-156

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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: 04/08/2021
Reported: 04/09/2021
Project Name: DOC BHU STATE #1
Project Number: 212C-MD-02437
Project Location: EOG - EDDY CO NM

Sampling Date: 04/07/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 6 (3') (H210885-11)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	2.58	
Toluene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	6.61	110	6.00	2.35	
Total BTX	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	04/08/2021	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	04/08/2021	ND	210	105	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/08/2021	ND	217	108	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2021	ND					

Surrogate: 1-Chlorooctane 76.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 78.1 % 42.2-156

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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: 04/08/2021
Reported: 04/09/2021
Project Name: DOC BHU STATE #1
Project Number: 212C-MD-02437
Project Location: EOG - EDDY CO NM

Sampling Date: 04/07/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 7 (4') (H210885-12)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	2.58	
Toluene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	6.61	110	6.00	2.35	
Total BTX	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/08/2021	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	04/08/2021	ND	210	105	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/08/2021	ND	217	108	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2021	ND					

Surrogate: 1-Chlorooctane 79.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.2 % 42.2-156

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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: 04/08/2021
Reported: 04/09/2021
Project Name: DOC BHU STATE #1
Project Number: 212C-MD-02437
Project Location: EOG - EDDY CO NM

Sampling Date: 04/07/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 9 (8') (H210885-13)

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	04/08/2021	ND	2.02	101	2.00	2.58	
Toluene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	6.61	110	6.00	2.35	
Total BTEx	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/08/2021	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	04/08/2021	ND	210	105	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/08/2021	ND	217	108	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2021	ND					

Surrogate: 1-Chlorooctane 79.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/08/2021
 Reported: 04/09/2021
 Project Name: DOC BHU STATE #1
 Project Number: 212C-MD-02437
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 10 (8') (H210885-14)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	2.58	
Toluene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	6.61	110	6.00	2.35	
Total BTEX	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/08/2021	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	04/08/2021	ND	210	105	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/08/2021	ND	217	108	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2021	ND					

Surrogate: 1-Chlorooctane 81.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/08/2021
 Reported: 04/09/2021
 Project Name: DOC BHU STATE #1
 Project Number: 212C-MD-02437
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 11 (8') (H210885-15)

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	2.58		
Toluene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.70		
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.67		
Total Xylenes*	<0.150	0.150	04/08/2021	ND	6.61	110	6.00	2.35		
Total BTEX	<0.300	0.300	04/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.3-129

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	04/08/2021	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	04/08/2021	ND	210	105	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/08/2021	ND	217	108	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2021	ND					

Surrogate: 1-Chlorooctane 81.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/08/2021
Reported: 04/09/2021
Project Name: DOC BHU STATE #1
Project Number: 212C-MD-02437
Project Location: EOG - EDDY CO NM

Sampling Date: 04/07/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 13 (8') (H210885-16)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	2.58	
Toluene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	6.61	110	6.00	2.35	
Total BTEX	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/08/2021	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	04/08/2021	ND	210	105	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/08/2021	ND	217	108	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2021	ND					

Surrogate: 1-Chlorooctane 86.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/08/2021
Reported: 04/09/2021
Project Name: DOC BHU STATE #1
Project Number: 212C-MD-02437
Project Location: EOG - EDDY CO NM

Sampling Date: 04/07/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 14 (8') (H210885-17)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	2.58	
Toluene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	6.61	110	6.00	2.35	
Total BTX	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/08/2021	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	04/08/2021	ND	210	105	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/08/2021	ND	217	108	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2021	ND					

Surrogate: 1-Chlorooctane 85.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.5 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/08/2021
 Reported: 04/09/2021
 Project Name: DOC BHU STATE #1
 Project Number: 212C-MD-02437
 Project Location: EOG - EDDY CO NM

Sampling Date: 04/07/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 15 (6.5') (H210885-18)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/08/2021	ND	2.02	101	2.00	2.58	
Toluene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.70	
Ethylbenzene*	<0.050	0.050	04/08/2021	ND	2.14	107	2.00	1.67	
Total Xylenes*	<0.150	0.150	04/08/2021	ND	6.61	110	6.00	2.35	
Total BTEX	<0.300	0.300	04/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/08/2021	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	04/08/2021	ND	210	105	200	1.88	
DRO >C10-C28*	<10.0	10.0	04/08/2021	ND	217	108	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	04/08/2021	ND					

Surrogate: 1-Chlorooctane 81.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.1 % 42.2-156

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

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

—

Site Manager:

Brittany Long

Brittany.Long@tetrattech.com

ANALYSIS REQUEST

Project Name: Doc BHU State #1

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

Invoice to:

Todd Wells

Receiving Laboratory:

Cardinal

Sampler Signature:

Comments:

Ernst Haas

[illegible]

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	LAB USE ONLY	REMARKS:
<i>Ernest M. ...</i> Date: 4/8/21			<i>James ...</i> Date: 4-8-21 1030				

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

Sample Temperature

38.2

☒ RUSH: Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

Reimquisitioned by:	Date:	Time:	Received by:	Date:	Time:	☐ Rush Charges Authorized ☐ Special Report Limits or TRRP Report
						2.0e #113

ORIGINAL COPY

((Circle) HAND DELIVERED FEDEX UPS Tracking #:

Page 2 of 2

Page 22 of 22

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Robert Hamlet Date: 8/24/2021

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

Closure Approved by: Robert Hamlet Date: 8/24/2021

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 28792

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 28792
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2105353729 DOC BHU STATE BATTERY, thank you. This closure is approved.	8/24/2021